

# TEST REPORT



Accepted for Use

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**RENDERED TO**

AREVA NP Inc.

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	AREVA NP Inc.
58-9224227-000	

PRODUCTS EVALUATED: PCI-Promatec SF-60-IR Inhibition Resistant  
Silicone Elastomer, Quantum Silicones QSil 5558MC Silicone Elastomer  
and Dow Corning® Sylgard 170 Silicone Elastomer

EVALUATION PROPERTY: Seismic Pressure Testing  
(Seismic Pressure Test 2)

**Report of Testing pressure resistance capabilities for  
compliance with the applicable requirements of AREVA  
NP Inc. Test Plan, Document No. 51-9207912-000**

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## 2 Introduction

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Intertek Testing Services NA (Intertek) has conducted testing for AREVA NP Inc., on the seismic pressure resistance capabilities of PCI-Promatec SF-60-IR Inhibition Resistant Silicone Elastomer (SF-60-IR), Quantum Silicones QSil 5558MC Silicone Elastomer (QSil 5558MC) and Dow Corning® Sylgard 170 Silicone Elastomer (DC-170) in a penetration seal assembly through a 12" thick concrete deck, for compliance with the applicable requirements of and in accordance with AREVA NP Inc. Document No. 51-9207912-000, *Detailed Test Plan for Conducting Seismic Pressure Test 2*. This evaluation took place on July 30, 2013.

This project was undertaken to evaluate the seismic pressure resistance capabilities of the test assembly using alternating pressures at air pressure increments above atmospheric pressure.

NOTE: The test assembly used in this seismic pressure test was the same test assembly that was constructed and tested in Pressure Test 5 without any changes. Refer to AREVA Doc. 58-9224197-000 or Intertek Test Report No. 101276459SAT-001A for details on Pressure Test 5.

## 3 Test Samples

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### 3.1. SAMPLE SELECTION

The sealant materials were not independently selected for testing; they were supplied by AREVA NP, Inc., and were received in several shipments between June 13 and July 19, 2013. The samples were received with Certificates of Conformance and are considered traceable. Basic information on sealant material(s) is presented in the table below.

Sealant Material	Lot /Batch#	Expiration Date
SF-60-IR	130501	6/30/2014
QSil 5558 MC	130606	6/14/2014
DC-170	063B01	6/30/2014

Information regarding receiving dates and origin of the test materials can be found in Appendix F: Quality Documents of Pressure Test 5 (Intertek Test Report No.101276459SAT-001A; AREVA document 58-9224197-000). All samples were received in good condition at the Evaluation Center.

### 3.2. SAMPLE AND ASSEMBLY DESCRIPTION

The assembly used in this test was the same as Pressure Test 5. A detailed description of the concrete deck and penetrations can be found in AREVA NP Inc. Engineering Record 51-9207912-000, *Detailed Test Plan for Conducting Seismic Pressure Test 2* which is contained in Appendix D. The opening sealed and tested was a 48" x 34" blockout containing multiple penetrating items. All sides of the opening were unlined, bare concrete (i.e., no liners, coatings or sleeve materials). To see assembly drawings, please refer to Pressure Test 5 (Intertek Test Report No.101276459SAT-001A; AREVA document 58-9224197-000).

## 4 Testing and Evaluation Methods

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The Test Plan in Appendix D defines the test methods, acceptance criteria and test report documentation requirements for penetration seal Seismic Pressure Test 2. Additionally, this detailed test plan defines the roles and responsibilities of MOX Services, AREVA, the selected testing laboratory, and any other subcontracted entity engaged in support of seismic pressure testing efforts.

The detailed Test Plan also describes the procurement plan for materials associated with penetration seal Seismic Pressure Test 2 and identifies the entities responsible for procuring the various components of the test assembly based on the quality level assigned to each component.

The Test Plan also establishes minimum quality requirements for the penetration seal materials used in the test assembly and links quality requirements in the AREVA Quality Assurance (QA) program to customer/project quality requirements.

### 4.1. TEST APPARATUS

In the absence of any consensus codes or standards related to the pressure testing of penetration seal assemblies for seismic qualification purposes, the MOX Penetration Seal Program has developed a standardized method for conducting seismic pressure testing of MOX penetration seal designs. Specifically, seismic pressure testing will be used to evaluate the seismic inertia of the self-weight of the seal assembly by applying an equivalent pressure to alternating sides of a penetration seal assembly. In support of this effort, Intertek assisted in the design and construction of a pressure test apparatus to be use in the conduct of MOX penetration seal pressure tests.

The pressure chamber apparatus consists of two hemispherical 72" diameter steel pressure vessels, calibrated equipment and a data acquisition system. The apparatus accurately maintains the desired air pressure, using one of two sensitive, manually adjustable pressure regulators; a high (0-15 psi) and a low (0-2 psi) range. The sealed collection chamber feeds any leakage air back to the test device, where it is channeled through one of two calibrated flow meters, once again, a high (0-200 L/min) and a low (0-20 L/min) range. A calibrated electronic pressure transducer (0-5 psi) measures the differential pressure between the two chambers and the data acquisition software determines the net pressure drop across the test seal and the leakage through the seal. The chambers are interchangeable and the direction can be reversed very quickly so both can serve as the pressure or the collection chamber.

The primary components described above include the devices presented on the following pages:

Pressure Chamber      2-piece hemispherical 72" diameter steel vessel  
3 connection ports per piece  
16 flange attachment points per piece  
Flange attachment via 3/8" diameter holes @ 22-1/2° spacing



Pressure Cart      Stainless steel rolling cart with control equipment and associated  
Data Acquisition System



Regulator (low)                      Control Air, Inc., Amherst, NH  
Type 700  
0-2 psi

Regulator (high)                    Control Air, Inc., Amherst, NH  
Type 700  
0-15 psi



Mass Flow Meter      Omega Engineering, Inc., Stamford, CT  
Model No. FMA-872A-V-NIST  
Serial No. 4270050001001  
0-20 lpm



Mass Flow Meter      Omega Engineering, Inc., Stamford, CT  
Model No. FMA-875A-V-NIST  
Serial No. 4270050003001  
0-200 lpm





Pressure Transducer Omegadyne Inc., Sunbury, OH  
Model No. PX409-005 DWUV  
Serial No. 406707  
Pressure Range: 0-5 psi  
Input 0-100mVdc



Power Supply	Omega Engineering, Inc., Stamford, CT Model No. PSS-10 +10V @ 400 mA Input 115 VAC 50/60 Hz
Multifunction DAQ	National Instruments, Model No. NI USB-6210 16 Input, 16-bit, 250 kS/s, Multifunction I/O



Dedicated CPU

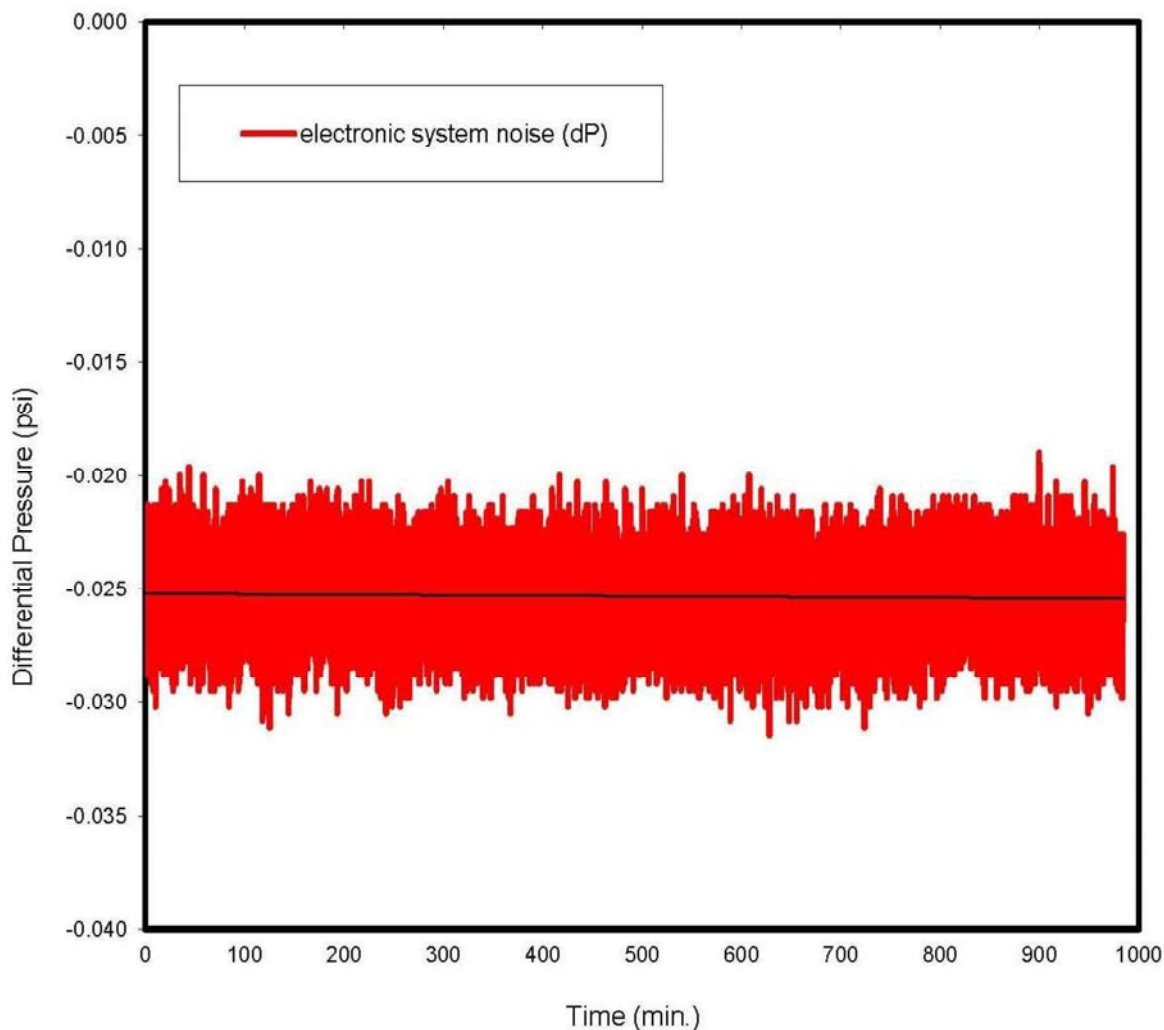
HP Compaq Pro-6300 Microtower  
Serial No. MXL3090LN6  
OS Windows 7 Pro





Additionally, during initial system start-up testing and verification, it was discovered that the data acquisition system (DAQ) was so sensitive that “signal noise” resulted in data fluctuations for reported differential pressure even when the system was at equilibrium (i.e., both high side and low side pressure chambers were at atmospheric conditions). After collecting data for 16 hours overnight, the average fluctuation was -0.025 psi.

### 16-hr Average Electronic Noise (dP = -0.0253 psi)



As seen above, the average data fluctuation due to “signal noise” was -0.025 psi. For this test, the Test Plan required pressure was applied and maintained using the DAQ reported differential pressure without consideration for any “signal noise”. Since the “signal noise” always reported some level of negative pressure at the beginning of the test, this method assured that the tests were conducted with additional margin, as the actual differential pressure that the test specimen was subjected to was equal to the DAQ reported differential pressure plus the additional pressure needed to overcome the negative “signal noise” reported at the beginning of the test when both pressure chambers were at atmospheric conditions.

## 4.2. TEST STANDARD

### AREVA NP Inc. Document No. 51-9207912-000

Seismically qualified penetration seals at the MOX facility are required to remain in the opening (penetration) during and after a Design Earthquake seismic event. In order demonstrate that a penetration seal will remain in place, the seal has to be evaluated for two conditions: 1) The seismic inertia of the self-weight of the seal has to be evaluated; and 2) The seismic deflection of the commodities penetrating the seal has to be considered.

Seismic pressure testing was used to evaluate the seismic inertia of the self-weight of the seal assembly. This was accomplished by applying a pressure to alternating sides of the penetration seal to demonstrate that the seal would not become dislodged from the opening due to the seismic inertia of the self-weight of the seal. The seismic deflection of commodities that penetrate the seal will be addressed by a separate analysis.

Ultimately, the overall seismic qualification of MOX penetration seal assemblies will be captured in a penetration seal seismic qualification report that will tie together the results of seismic pressure testing with other analyses performed to address seismic deflection of commodities that penetrate the seal.

The acceptance criterion for evaluating the seismic inertia of the seal self-weight is calculated in MOX Services Calculation “Penetration Seal Seismic Requirements” [Test Plan Reference 12.1] and expressed as an equivalent pressure. Testing at this equivalent pressure will qualify that a penetration seal assembly will remain in place (i.e., the penetration seal cannot become dislodged from the opening or otherwise catastrophically fail such that a substantial leakage path is created) during the design earthquake seismic event.

The relative movement of the items penetrating a seal and the movement of the wall / seal during a seismic event are not considered as a part of this test. A separate engineering evaluation is required to evaluate the effect of movement on a seal with penetrating items during a seismic event.

The table below identifies the differential pressure levels (stages) for conducting this seismic pressure test, as well as, the acceptance criteria in order for the penetration seal assemblies to meet the seismic pressure testing requirements.

**Differential Seismic Pressure Test Levels**

Test Stage	Differential Pressure (inch w.g.)	Required Hold Time (minutes)	Acceptance Criteria	Basis for the Selected Differential Pressure
1-4	45 (Note 1)	5	Penetration Seal Remains in Opening (Does not become dislodged)	Testing at this differential pressure meets the seismic demand expressed as a pressure [Reference 12.1]

Note 1: For Seismic Pressure Test 2, a nominal density of 85 pcf was used for each of the 3 silicone elastomer seal materials installed for the purposes of determining the test penetration seal's weight per square foot. 85 pcf bounds the installed seal materials with margin. 85 pcf times a seal depth of 8" yields a seal weight of approximately 56.7 psf. Based on Figure B-2.1 of Reference 12.1, the corresponding seismic pressure for a seal weight of 56.7 psf is approximately 44.7 inches w.g. Therefore, for Seismic Pressure Test 2, Stages 1-4 an equivalent seismic pressure of 45 inches w.g. was used.

The test assembly was attached to the seismic pressure test apparatus and subjected to the pressures identified in the table above.

For Stage 1, the test assembly was attached to the seismic pressure test apparatus and subjected to air pressure test at the select pressure level identified in the table above. Once this pressure was obtained, the pressure was maintained for the hold time specified. If the penetration seal catastrophically failed during this time, the time of failure was to be noted and the test stopped.

Once the designated hold time for Stage 1 was achieved, the pressure was vented from the test chamber. Next, the pressure identified in the table for Stage 2 was applied to the opposite side of the penetration seal and held for the designated hold time. If the penetration seal catastrophically failed during this time, the time of failure was to be noted and the test stopped.

Once the designated hold time for Stage 2 was achieved, the pressure was vented from the test chamber. Next, the pressure identified in the table for Stage 3 was applied to the original side of the penetration seal and held for the designated hold time. If the penetration seal catastrophically fails during this time, the time of failure shall be noted and the test shall be stopped.

Once the designated hold time for Stage 3 has been achieved, the pressure shall be vented from the test chamber. Finally, the pressure identified in the table for Stage 4 shall be applied to the opposite side of the penetration seal and held for the designated hold time. If the penetration seal catastrophically fails during this time, the time of failure shall be noted and the test shall be stopped.

Following completion of Stage 4 seismic pressure testing, the pressure shall be vented from the test chamber. At this point, the test may continue at the discretion of the AREVA test engineer and the testing laboratory manager in charge. Subsequent pressures, and hold times shall be recorded as directed by the AREVA test engineer.

NOTE: The pressure used for the testing performed above was based on a seal material depth of 8 inches and a seal material density of 85 pcf. Since the test was successful, subsequent testing pressures were evaluated for a 10 inch depth of material (56 inches w.g.) and a 12 inch depth of material (67 inches w.g.). These tests were designated Stages 1a-4a and 1b-4b, respectively.

If at any pressure level (or test stage) the penetration seal became dislodged from the opening or otherwise catastrophically failed, the seismic pressure test was terminated and the time to failure and pressure at which the failure occurred was recorded.

## 5 Testing and Evaluation Results

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### 5.1. RESULTS AND OBSERVATIONS

The test was initiated at 10:24 a.m. on July 30, 2013. Scott Groesbeck, representing AREVA NP Inc. was present to witness the test. The ambient temperature at the start of the test was 88°F, with a relative humidity of 88%.

It should be noted that that while the Test Plan (Section 2.2) states that the top side of the test assembly is the side where the cut cable ends terminate, the opposite was actually the case. The top side of the test assembly was the side with the cable loop and the bottom side of the test assembly had the cut cable ends. Since both sides of the test assembly were required to receive the same pressure exposures, this variation from the Test Plan was deemed to have no bearing on the results of this pressure test.

The test procedure followed that presented in Section 9.0 of the Test Plan. The graphs and table on the following pages provide a summary of results and observations for the various pressure stages; any observed leakage, and whether the seal remained in place. Appendix B of this test report contains the raw data for this test.

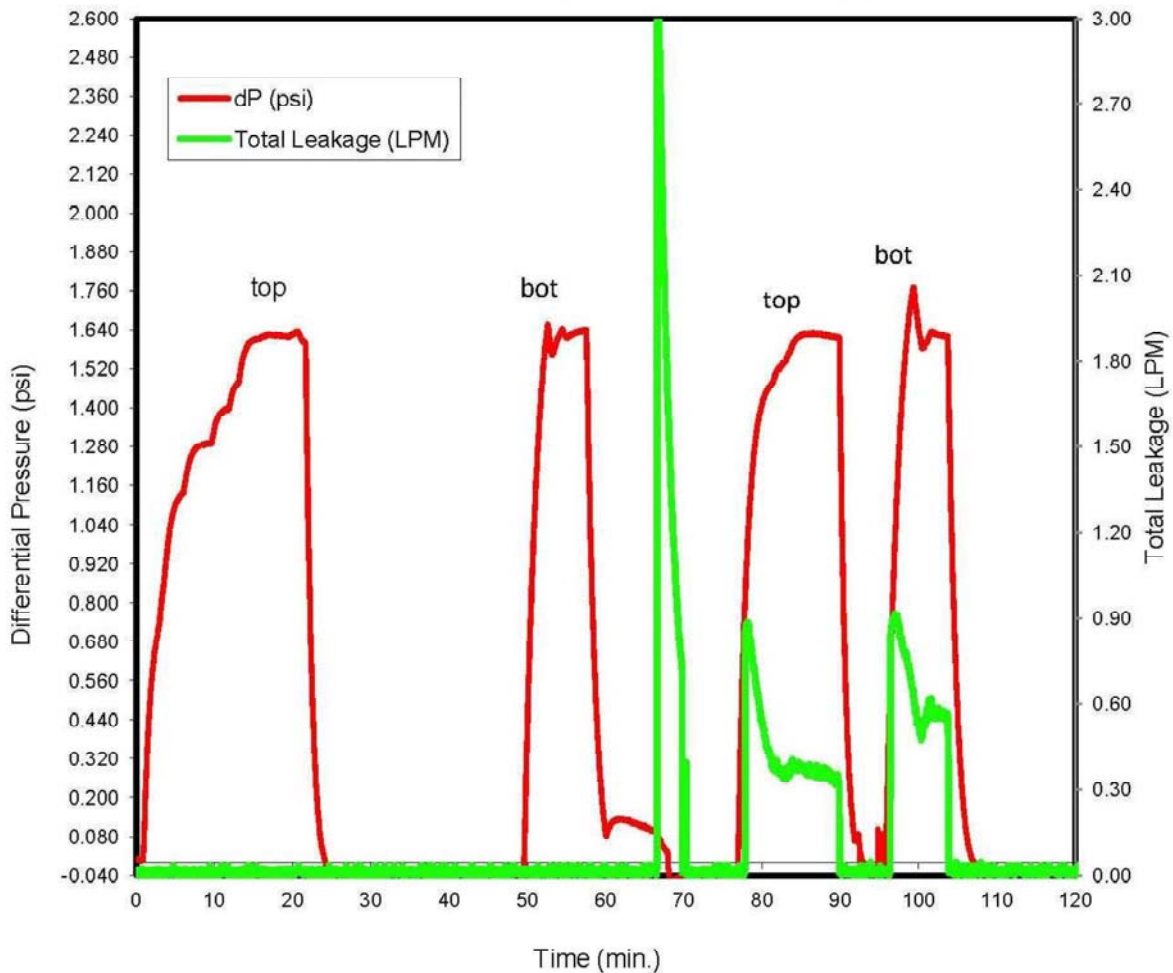
The graphs are based on data collected throughout the entire test process, including the time periods between stages when the pressure chamber was being vented and refilled. Pressure spikes and leakage rates displayed for time periods between stages should not be misinterpreted, as recorded leakage may have been caused by intentional venting of the pressure chamber through a mass flow meter.

Additionally, it should be noted that when changing between mass flowmeters during a pressure a test, valve lineups and flowpath routes are changed. The time it takes to manipulate the valves, differences in tubing sizes, orifice sizes and mass flowmeter throughput capacity all affect bonnet pressure on the leakage side of the test assembly which can affect recorded leakage values. Generally, the input air on the opposite side of the test assembly remains constant during this time period, since manipulation of the input pressure regulator would require additional operator action. This results in reported differential pressure fluctuations which typically show up as pressure spikes when the raw data is graphed. Within a few minutes of mass flowmeter switchover, the system stabilizes to the new lineup and the data results in a more uniform graph.

Therefore, it is important to analyze the data compiled during the hold times for each pressure stage and not the data before, after or in between pressure stages. The summary table presented after the graphs identifies the approximate start time and stop times for each pressure stage of this test. These times can be correlated to the data under the "Time (min)" heading for the raw data contained in Appendix B of this report. The official start and stop times for each pressure stage were timed using a traceable, calibrated stopwatch.

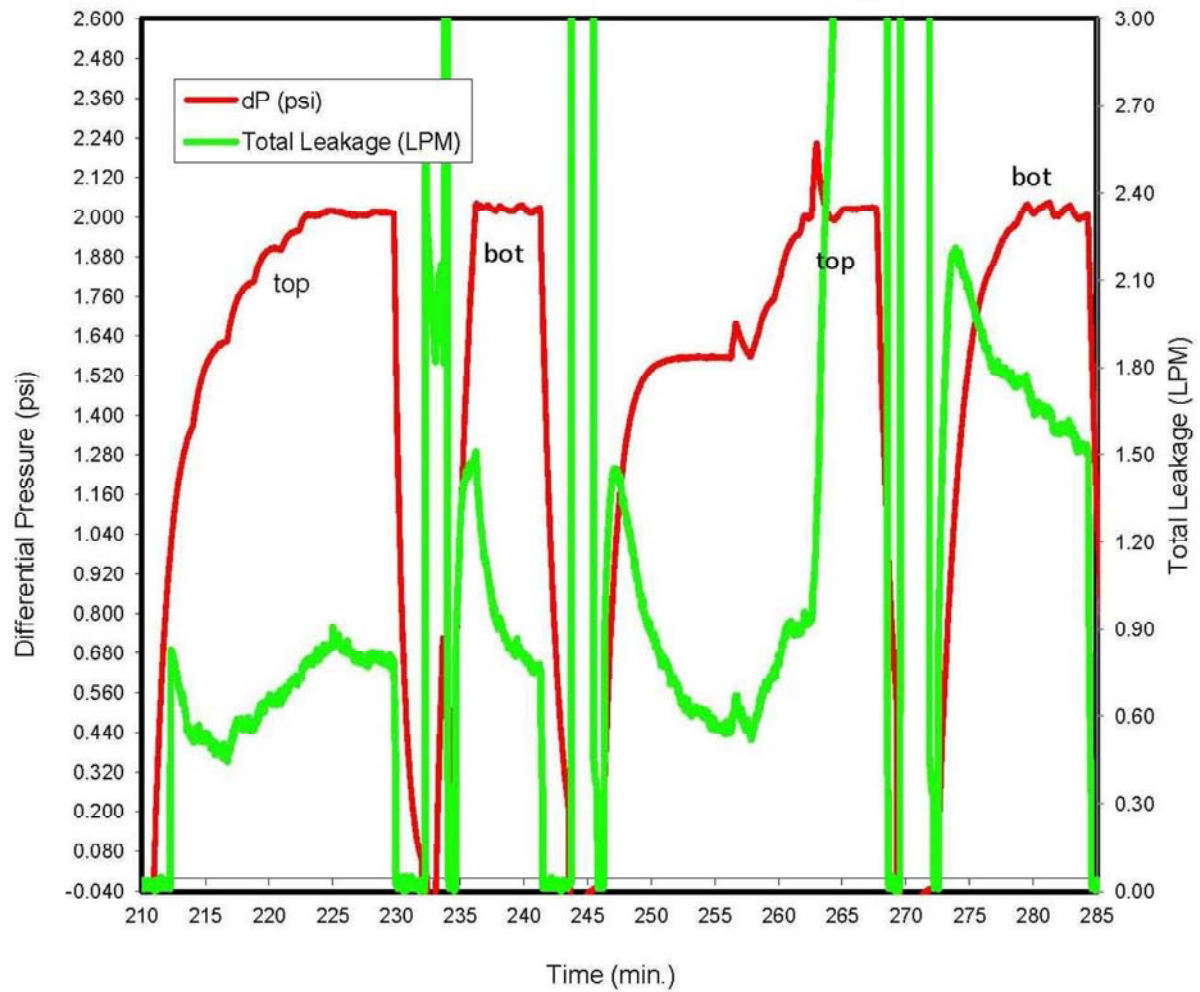
### Stage 1-4

#### Chamber Differential Pressure and Seal Leakage Seismic Pressure Test 2 - 45-in w.g.



### Stage 1a-4a

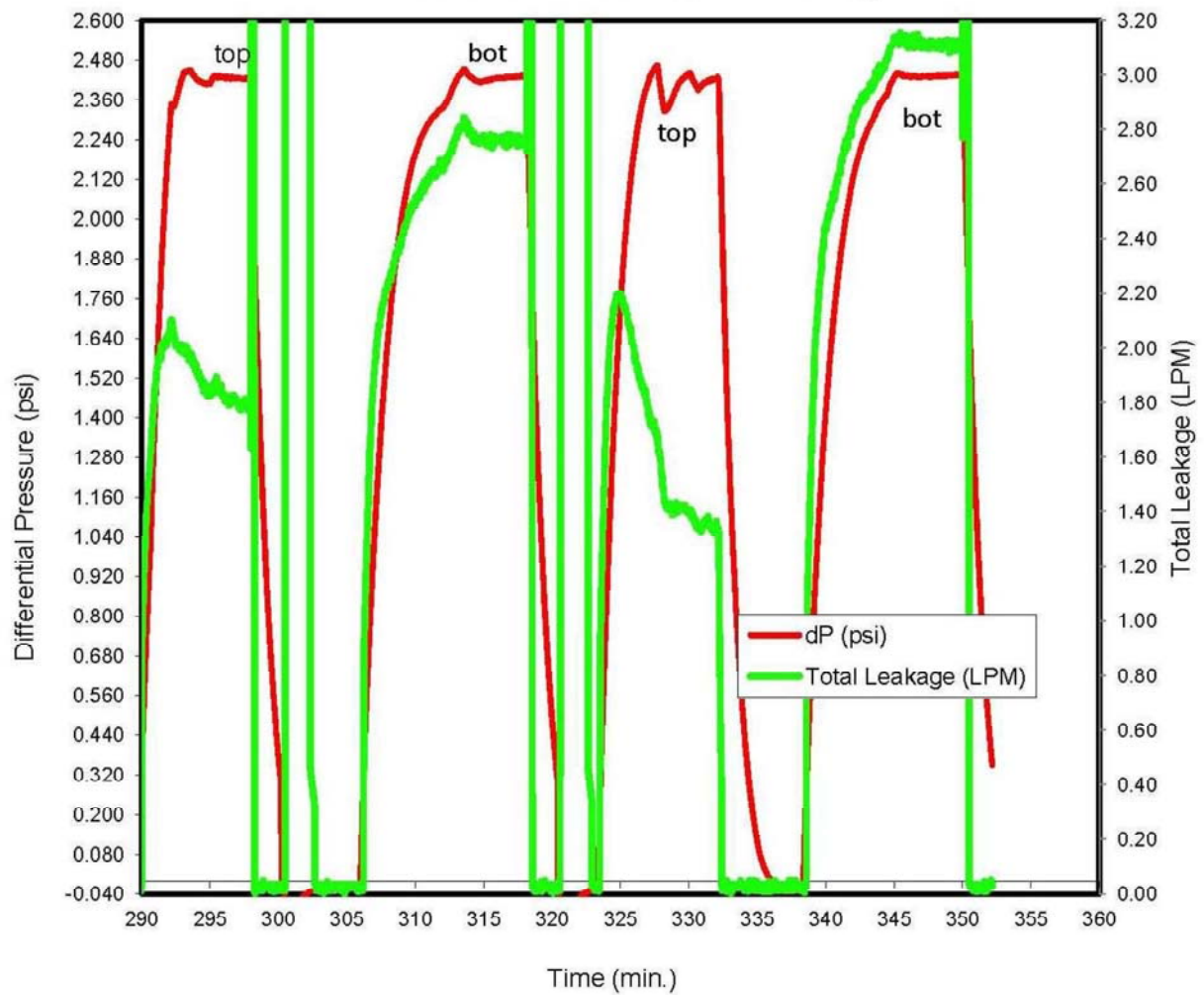
#### Chamber Differential Pressure and Seal Leakage Seismic Pressure Test 2 - 56-in w.g.





### Stage 1b-4b

Chamber Differential Pressure and Seal Leakage  
Seismic Pressure Test 2 - 67-in w.g.



### Test Results and Observations

Test Stage	Pressurized Side	Differential Pressure (inch w.g.)	Start Time (min)	Required Hold Time (minutes)	Acceptance Criteria	PASS/ FAIL
1	TOP	45	16.6	5	Seal Remains In Place	PASS
2	BOTTOM	45	52.5	5	Seal Remains In Place	PASS
3	TOP	45	84.8	5	Seal Remains In Place	PASS
4	BOTTOM	45	98.6	5	Seal Remains In Place	PASS
1a	TOP	56	225	5	Seal Remains In Place	PASS
2a	BOTTOM	56	237	5	Seal Remains In Place	PASS
3a	TOP	56	263	5	Seal Remains In Place	PASS
4a	BOTTOM	56	279	5	Seal Remains In Place	PASS
1b	TOP	67	293	5	Seal Remains In Place	PASS
2b	BOTTOM	67	313	5	Seal Remains In Place	PASS
3b	TOP	67	327	5	Seal Remains In Place	PASS
4b	BOTTOM	67	345	5	Seal Remains In Place	PASS



## 5.2. POST TEST EXAMINATION

Following completion of Seismic Pressure Test 2, the top bonnet was removed and the top side of the test specimen was visually inspected. This inspection revealed the following:

- Integrity of seal and conditions on the exposed side of the penetration
  - The overall seal assembly appeared mostly unchanged, with the exception of localized areas of degradation as described below.
- Location of any penetration seal degradation
  - The DC-170 seal had a small tear starting at the intersection of the DC-170 seal/SF-60-IR seal/concrete opening edge and extending ~3" into the DC-170 seal.
- Condition of seal to barrier interface
  - The SF-60-IR seal has separated from the concrete along one side of the opening. The separation is ~1/32"-1/16" wide by the entire length of the SF-60-IR to concrete interface (~24" long). The QSil and DC-170 seals remain unchanged where they interface with the concrete barrier.
- Condition of seal to penetrating item interfaces
  - For all penetrating items (all cables) through all 3 seal materials, the cables have pushed up through the seal ~1/8"-1/2" from their original (sealed) position.

Following visual inspection of the top side of the test assembly, pressure was applied to the bottom chamber and a soapy-water solution was sprayed on the top side of the seal. Leaks were observed at all cable locations. No other leaks were apparent. The crack along one side of the seal self-closed when the pressure was applied to the bottom side of the seal.

Finally, the slab was removed from the bottom bonnet and the bottom side of the test assembly was inspected. No visual changes were noted on the bottom side of the test assembly.

## 6 Conclusion

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Intertek Testing Services NA (Intertek) has conducted testing for AREVA NP Inc., on the seismic pressure resistance capabilities of PCI-Promatec SF-60-IR Inhibition Resistant Silicone Elastomer (SF-60-IR), Quantum Silicones QSil 5558MC Silicone Elastomer (QSil 5558MC) and Dow Corning® Sylgard 170 Silicone Elastomer (DC-170) Penetration Seal Assemblies through a 12" Thick Concrete Deck, for compliance with the applicable requirements of and in accordance with AREVA NP Inc. Document No. 51-9207912-000, *Detailed Test Plan for Conducting Seismic Pressure Test 2*. This evaluation took place on July 30, 2013.

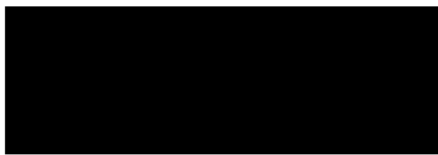
The seals in Seismic Pressure Test 2 met the acceptance criteria as defined in the Test Plan.

This project was undertaken to evaluate the seismic pressure resistance capabilities of the test assembly using alternating pressures at air pressure increments above atmospheric pressure.

The conclusions of this test report may not be used as part of the requirements for Intertek product certification. Authority to Mark must be issued for a product to become certified.

### INTERTEK TESTING SERVICES NA

Reported by:



Mike Dey  
Staff Engineer

Reviewed by:



Project Engineer, Fire Resistance

Reviewed by:



Michael A. Brown  
Quality Supervisor

## APPENDIX A

### Assembly Drawings

The test assembly used in Seismic Pressure Test 2 was the same assembly tested in Pressure Test 5. For drawings of the assembly, please refer to the final test report for Pressure Test 5 (Intertek Report No. 101276459SAT-001A; AREVA document 58-9224197-000).

## APPENDIX B

### Test Data

AREVA NP, Inc.

Project No. G101276459SAT-003

July 30, 2013

Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
0	0.0097	0	0	0
0.0333	0.011	0	0	0
0.0667	0.013	0	0	0
0.1	0.01	0.0219	0.0002	0.0221
0.1333	0.0107	0.0088	0.0002	0.009
0.1667	0.0136	0.0088	0	0.0088
0.2	0.008	0.0088	0.0002	0.009
0.2333	0.0139	0	0.0002	0.0002
0.2667	0.0123	0.0219	0.0002	0.0221
0.3	0.0116	0	0.0002	0.0002
0.3333	0.0077	0.0088	0.0015	0.0103
0.3667	0.011	0.0088	0	0.0088
0.4	0.009	0.0088	0.0002	0.009
0.4333	0.0097	0.0088	0	0.0088
0.4667	0.0084	0.0088	0	0.0088
0.5	0.0097	0.0088	0	0.0088
0.5333	0.011	0.0088	0.0002	0.009
0.5667	0.006	0.0088	0	0.0088
0.6	0.0103	0.0088	0.0015	0.0103
0.6333	0.0074	0.0088	0	0.0088
0.6667	0.006	0.0219	0	0.0219
0.7	0.0074	0	0	0
0.7333	0.0077	0	0.0002	0.0002
0.7667	0.009	0.0088	0.0015	0.0103
0.8	0.0057	0	0.0002	0.0002
0.8333	0.0067	0.0219	0.0015	0.0235
0.8667	0.0097	0.0219	0.0015	0.0235
0.9	0.0212	0.0088	0.0002	0.009
0.9333	0.037	0.0088	0.0002	0.009
0.9667	0.0571	0.0088	0	0.0088
1	0.0824	0.0088	0	0.0088
1.0333	0.1091	0	0.0002	0.0002
1.0667	0.1314	0	0.0002	0.0002
1.1	0.1555	0.0088	0.0002	0.009
1.1333	0.1798	0.0219	0.0002	0.0221
1.1667	0.2029	0.0219	0.0002	0.0221
1.2	0.2282	0	0.0002	0.0002
1.2333	0.2489	0	0	0
1.2667	0.2684	0	0	0
1.3	0.2891	0.0088	0.0002	0.009
1.3333	0.3072	0.0088	0.0002	0.009
1.3667	0.3243	0.0088	0.0002	0.009
1.4	0.3431	0.0219	0	0.0219

AREVA NP, Inc.

Project No. G101276459SAT-003

July 30, 2013

Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
1.4333	0.3618	0.0088	0.0015	0.0103
1.4667	0.376	0	0.0002	0.0002
1.5	0.3934	0	0.0002	0.0002
1.5333	0.4086	0.0088	0.0002	0.009
1.5667	0.4247	0	0	0
1.6	0.4349	0.0088	0.0015	0.0103
1.6333	0.4468	0	0	0
1.6667	0.4629	0	0.0002	0.0002
1.7	0.4734	0.0088	0.0002	0.009
1.7333	0.4889	0.0088	0.0002	0.009
1.7667	0.4991	0	0.0002	0.0002
1.8	0.5093	0	0	0
1.8333	0.5228	0	0.0002	0.0002
1.8667	0.5327	0.0088	0	0.0088
1.9	0.5389	0.0219	0	0.0219
1.9333	0.5544	0.0088	0	0.0088
1.9667	0.5603	0.0088	0	0.0088
2	0.5705	0.0088	0.0002	0.009
2.0333	0.5794	0.0088	0	0.0088
2.0667	0.588	0.0088	0.0002	0.009
2.1	0.5922	0	0.0015	0.0015
2.1333	0.6034	0	0.0002	0.0002
2.1667	0.6094	0.0219	0.0002	0.0221
2.2	0.6159	0	0.0002	0.0002
2.2333	0.6238	0.0088	0	0.0088
2.2667	0.6314	0.0088	0.0002	0.009
2.3	0.634	0.0088	0.0015	0.0103
2.3333	0.6442	0.0219	0.0002	0.0221
2.3667	0.6515	0	0.0002	0.0002
2.4	0.6564	0.0088	0	0.0088
2.4333	0.6577	0	0.0002	0.0002
2.4667	0.6656	0	0.0002	0.0002
2.5	0.6709	0	0	0
2.5333	0.6765	0.0219	0	0.0219
2.5667	0.6804	0.0088	0.0002	0.009
2.6	0.6897	0	0.0015	0.0015
2.6333	0.6903	0.0219	0.0002	0.0221
2.6667	0.6946	0.0219	0.0015	0.0235
2.7	0.6966	0.0088	0	0.0088
2.7333	0.7025	0	0.0015	0.0015
2.7667	0.7074	0.0088	0	0.0088
2.8	0.7137	0.0088	0	0.0088
2.8333	0.7209	0.0219	0	0.0219

AREVA NP, Inc.

Project No. G101276459SAT-003

July 30, 2013

Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
2.8667	0.7222	0.0219	0.0015	0.0235
2.9	0.7262	0.0088	0.0002	0.009
2.9333	0.7324	0.0088	0.0002	0.009
2.9667	0.7374	0.0088	0	0.0088
3	0.7453	0	0.0002	0.0002
3.0333	0.7538	0.0088	0.0002	0.009
3.0667	0.7624	0.0088	0.0002	0.009
3.1	0.771	0.0219	0.0002	0.0221
3.1333	0.7805	0.0088	0.0002	0.009
3.1667	0.7884	0	0	0
3.2	0.7953	0.0088	0	0.0088
3.2333	0.8026	0	0	0
3.2667	0.8088	0.0088	0	0.0088
3.3	0.818	0.0088	0.0002	0.009
3.3333	0.823	0	0	0
3.3667	0.8266	0	0.0015	0.0015
3.4	0.8361	0.0088	0	0.0088
3.4333	0.8434	0	0	0
3.4667	0.8483	0.0088	0.0002	0.009
3.5	0.8519	0	0	0
3.5333	0.8602	0	0.0015	0.0015
3.5667	0.8681	0.0088	0.0002	0.009
3.6	0.8789	0.0088	0	0.0088
3.6333	0.8871	0	0.0002	0.0002
3.6667	0.8954	0	0.0015	0.0015
3.7	0.9049	0	0.0015	0.0015
3.7333	0.9112	0	0.0015	0.0015
3.7667	0.9174	0.0219	0	0.0219
3.8	0.9227	0.0088	0.0002	0.009
3.8333	0.9339	0	0.0002	0.0002
3.8667	0.9398	0.0219	0	0.0219
3.9	0.948	0.0088	0.0002	0.009
3.9333	0.9566	0.0088	0.0002	0.009
3.9667	0.9651	0.0219	0	0.0219
4	0.9701	0.0088	0.0002	0.009
4.0333	0.9773	0	0.0015	0.0015
4.0667	0.9829	0.0219	0.0002	0.0221
4.1	0.9925	0.0088	0.0002	0.009
4.1333	0.9981	0.0088	0	0.0088
4.1667	1.0043	0.0088	0.0015	0.0103
4.2	1.0106	0.0088	0.0015	0.0103
4.2333	1.0168	0.0088	0.0002	0.009
4.2667	1.0234	0.0088	0.0002	0.009

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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
4.3	1.0297	0.0088	0	0.0088
4.3333	1.031	0.0088	0.0002	0.009
4.3667	1.0382	0	0.0015	0.0015
4.4	1.0415	0.0088	0	0.0088
4.4333	1.0464	0	0.0002	0.0002
4.4667	1.051	0.0219	0.0002	0.0221
4.5	1.053	0.0219	0	0.0219
4.5333	1.057	0.0088	0.0015	0.0103
4.5667	1.0629	0.0088	0.0015	0.0103
4.6	1.0645	0.0088	0	0.0088
4.6333	1.0698	0.0088	0.0002	0.009
4.6667	1.0731	0.0219	0	0.0219
4.7	1.0774	0.0088	0.0015	0.0103
4.7333	1.0797	0.0351	0.0002	0.0353
4.7667	1.082	0.0088	0	0.0088
4.8	1.0849	0.0088	0	0.0088
4.8333	1.0863	0.0219	0.0002	0.0221
4.8667	1.0899	0.0088	0.0002	0.009
4.9	1.0899	0.0088	0.0015	0.0103
4.9333	1.0925	0.0219	0.0015	0.0235
4.9667	1.0955	0	0.0002	0.0002
5	1.1014	0.0088	0	0.0088
5.0333	1.1037	0.0088	0.0002	0.009
5.0667	1.105	0.0088	0.0002	0.009
5.1	1.1063	0.0088	0.0002	0.009
5.1333	1.107	0.0219	0.0015	0.0235
5.1667	1.1123	0.0219	0.0002	0.0221
5.2	1.1119	0.0088	0	0.0088
5.2333	1.1156	0.0088	0.0002	0.009
5.2667	1.111	0	0.0015	0.0015
5.3	1.1152	0.0088	0.0015	0.0103
5.3333	1.1195	0	0	0
5.3667	1.1185	0.0219	0.0015	0.0235
5.4	1.1195	0.0088	0.0002	0.009
5.4333	1.1241	0.0088	0	0.0088
5.4667	1.1251	0.0088	0.0015	0.0103
5.5	1.1251	0	0	0
5.5333	1.1294	0	0.0002	0.0002
5.5667	1.1258	0.0088	0	0.0088
5.6	1.13	0.0088	0.0002	0.009
5.6333	1.132	0.0088	0	0.0088
5.6667	1.1297	0.0088	0	0.0088
5.7	1.1307	0.0088	0	0.0088



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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
5.7333	1.1333	0	0.0002	0.0002
5.7667	1.1337	0.0088	0	0.0088
5.8	1.136	0.0088	0.0002	0.009
5.8333	1.1366	0	0.0002	0.0002
5.8667	1.136	0.0088	0	0.0088
5.9	1.1389	0.0088	0	0.0088
5.9333	1.137	0	0	0
5.9667	1.1399	0.0088	0	0.0088
6	1.1406	0	0	0
6.0333	1.1389	0	0	0
6.0667	1.1439	0.0088	0.0002	0.009
6.1	1.1465	0.0088	0.0015	0.0103
6.1333	1.1518	0	0	0
6.1667	1.1574	0.0219	0.0002	0.0221
6.2	1.1593	0.0219	0.0015	0.0235
6.2333	1.1656	0.0088	0.0002	0.009
6.2667	1.1725	0	0.0002	0.0002
6.3	1.1755	0.0219	0.0015	0.0235
6.3333	1.1804	0	0.0002	0.0002
6.3667	1.1857	0.0088	0.0002	0.009
6.4	1.1916	0.0219	0	0.0219
6.4333	1.1965	0.0088	0.0002	0.009
6.4667	1.2011	0	0.0002	0.0002
6.5	1.2044	0	0.0002	0.0002
6.5333	1.2097	0.0088	0.0015	0.0103
6.5667	1.2117	0.0088	0.0002	0.009
6.6	1.2163	0	0.0002	0.0002
6.6333	1.2199	0.0088	0.0002	0.009
6.6667	1.2212	0.0088	0	0.0088
6.7	1.2261	0	0.0002	0.0002
6.7333	1.2298	0	0.0015	0.0015
6.7667	1.2334	0	0.0002	0.0002
6.8	1.236	0	0.0002	0.0002
6.8333	1.2387	0.0219	0.0002	0.0221
6.8667	1.238	0.0219	0.0002	0.0221
6.9	1.2403	0.0219	0.0002	0.0221
6.9333	1.2436	0	0.0002	0.0002
6.9667	1.2495	0.0219	0	0.0219
7	1.2502	0.0088	0	0.0088
7.0333	1.2495	0.0088	0.0002	0.009
7.0667	1.2535	0	0	0
7.1	1.2531	0	0.0015	0.0015
7.1333	1.2564	0	0.0015	0.0015

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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
7.1667	1.2574	0.0088	0.0002	0.009
7.2	1.2584	0	0.0002	0.0002
7.2333	1.261	0.0088	0.0002	0.009
7.2667	1.2597	0.0088	0	0.0088
7.3	1.2627	0.0088	0.0002	0.009
7.3333	1.2666	0.0219	0.0015	0.0235
7.3667	1.2689	0	0	0
7.4	1.2679	0.0088	0.0002	0.009
7.4333	1.2673	0.0088	0	0.0088
7.4667	1.2726	0.0088	0.0002	0.009
7.5	1.2706	0.0088	0	0.0088
7.5333	1.2716	0.0088	0.0002	0.009
7.5667	1.2696	0.0088	0.0002	0.009
7.6	1.2722	0.0219	0.0002	0.0221
7.6333	1.2732	0	0.0015	0.0015
7.6667	1.2745	0	0.0002	0.0002
7.7	1.2778	0.0088	0	0.0088
7.7333	1.2768	0	0.0002	0.0002
7.7667	1.2768	0.0219	0.0002	0.0221
7.8	1.2785	0	0.0015	0.0015
7.8333	1.2808	0	0	0
7.8667	1.2782	0.0219	0.0002	0.0221
7.9	1.2791	0.0088	0.0002	0.009
7.9333	1.2811	0.0219	0	0.0219
7.9667	1.2808	0	0.0015	0.0015
8	1.2837	0.0088	0.0002	0.009
8.0333	1.2818	0.0219	0.0002	0.0221
8.0667	1.2814	0.0219	0.0002	0.0221
8.1	1.2837	0.0088	0.0002	0.009
8.1333	1.2824	0.0088	0	0.0088
8.1667	1.2831	0.0088	0.0015	0.0103
8.2	1.2841	0.0088	0.0002	0.009
8.2333	1.2857	0.0088	0.0002	0.009
8.2667	1.2854	0	0	0
8.3	1.286	0.0219	0.0015	0.0235
8.3333	1.2864	0.0219	0.0002	0.0221
8.3667	1.2864	0.0088	0.0015	0.0103
8.4	1.2851	0	0	0
8.4333	1.2884	0.0088	0.0002	0.009
8.4667	1.289	0.0088	0.0002	0.009
8.5	1.2884	0.0088	0.0015	0.0103
8.5333	1.2874	0.0088	0	0.0088
8.5667	1.2867	0	0.0002	0.0002

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8.6	1.289	0	0	0
8.6333	1.29	0.0088	0.0015	0.0103
8.6667	1.2837	0.0088	0	0.0088
8.7	1.2897	0	0.0028	0.0028
8.7333	1.288	0.0088	0.0015	0.0103
8.7667	1.2887	0.0088	0.0002	0.009
8.8	1.288	0	0.0002	0.0002
8.8333	1.2887	0.0088	0	0.0088
8.8667	1.287	0.0219	0	0.0219
8.9	1.286	0	0.0002	0.0002
8.9333	1.2897	0.0088	0.0015	0.0103
8.9667	1.2893	0.0219	0.0002	0.0221
9	1.2907	0.0219	0.0002	0.0221
9.0333	1.2887	0.0088	0	0.0088
9.0667	1.2926	0.0088	0.0002	0.009
9.1	1.2897	0	0.0002	0.0002
9.1333	1.2916	0.0088	0.0015	0.0103
9.1667	1.289	0.0088	0.0002	0.009
9.2	1.2897	0.0219	0.0015	0.0235
9.2333	1.2907	0.0219	0.0002	0.0221
9.2667	1.2877	0	0.0015	0.0015
9.3	1.2916	0.0088	0	0.0088
9.3333	1.291	0.0088	0.0002	0.009
9.3667	1.2923	0.0219	0.0002	0.0221
9.4	1.2897	0.0351	0.0002	0.0353
9.4333	1.2897	0.0088	0.0002	0.009
9.4667	1.2916	0.0088	0.0002	0.009
9.5	1.29	0.0088	0.0015	0.0103
9.5333	1.2903	0.0088	0.0015	0.0103
9.5667	1.289	0	0	0
9.6	1.289	0	0	0
9.6333	1.292	0	0	0
9.6667	1.2939	0.0088	0.0002	0.009
9.7	1.2976	0.0088	0.0015	0.0103
9.7333	1.3042	0.0219	0.0002	0.0221
9.7667	1.3101	0.0219	0.0015	0.0235
9.8	1.3127	0.0219	0.0002	0.0221
9.8333	1.3193	0.0088	0.0002	0.009
9.8667	1.3206	0.0088	0.0002	0.009
9.9	1.3252	0.0219	0	0.0219
9.9333	1.3318	0.0219	0.0002	0.0221
9.9667	1.3311	0	0	0
10	1.3374	0.0088	0.0002	0.009

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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
10.0333	1.3397	0.0088	0.0002	0.009
10.0667	1.3453	0.0219	0	0.0219
10.1	1.3483	0	0	0
10.1333	1.3519	0	0.0002	0.0002
10.1667	1.3529	0.0219	0.0002	0.0221
10.2	1.3562	0.0088	0.0002	0.009
10.2333	1.3601	0.0088	0.0002	0.009
10.2667	1.3611	0.0088	0.0015	0.0103
10.3	1.3631	0.0088	0.0002	0.009
10.3333	1.3621	0.0219	0	0.0219
10.3667	1.366	0	0.0002	0.0002
10.4	1.367	0.0088	0.0002	0.009
10.4333	1.3693	0.0088	0	0.0088
10.4667	1.3726	0.0219	0.0002	0.0221
10.5	1.3733	0.0088	0.0015	0.0103
10.5333	1.3756	0	0	0
10.5667	1.3775	0.0088	0.0015	0.0103
10.6	1.3805	0.0088	0.0002	0.009
10.6333	1.3822	0.0088	0	0.0088
10.6667	1.3822	0.0088	0.0002	0.009
10.7	1.3799	0.0088	0.0002	0.009
10.7333	1.3818	0.0088	0.0015	0.0103
10.7667	1.3831	0.0088	0	0.0088
10.8	1.3838	0	0.0015	0.0015
10.8333	1.3864	0.0351	0.0002	0.0353
10.8667	1.3858	0.0088	0.0002	0.009
10.9	1.3841	0.0088	0.0002	0.009
10.9333	1.3854	0.0088	0.0002	0.009
10.9667	1.3881	0.0219	0	0.0219
11	1.3904	0.0088	0.0002	0.009
11.0333	1.3907	0.0219	0.0002	0.0221
11.0667	1.3891	0.0219	0.0002	0.0221
11.1	1.3937	0.0088	0.0002	0.009
11.1333	1.3884	0.0088	0.0002	0.009
11.1667	1.3943	0.0088	0.0002	0.009
11.2	1.395	0.0088	0.0002	0.009
11.2333	1.395	0.0088	0	0.0088
11.2667	1.3943	0.0088	0.0002	0.009
11.3	1.3947	0.0088	0.0015	0.0103
11.3333	1.3957	0.0219	0	0.0219
11.3667	1.3947	0.0219	0	0.0219
11.4	1.3996	0.0219	0.0002	0.0221
11.4333	1.3947	0.0088	0.0002	0.009

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11.4667	1.3957	0.0088	0.0002	0.009
11.5	1.3953	0.0219	0.0002	0.0221
11.5333	1.3973	0	0.0015	0.0015
11.5667	1.4003	0	0.0015	0.0015
11.6	1.4003	0	0.0002	0.0002
11.6333	1.3983	0.0088	0.0002	0.009
11.6667	1.3943	0	0.0002	0.0002
11.7	1.4016	0.0351	0.0002	0.0353
11.7333	1.3966	0.0088	0	0.0088
11.7667	1.3993	0.0088	0	0.0088
11.8	1.4016	0	0.0015	0.0015
11.8333	1.4003	0	0.0002	0.0002
11.8667	1.3976	0	0	0
11.9	1.4032	0.0088	0	0.0088
11.9333	1.4059	0.0088	0.0002	0.009
11.9667	1.4121	0.0088	0.0002	0.009
12	1.4161	0.0088	0	0.0088
12.0333	1.4174	0.0088	0.0002	0.009
12.0667	1.4246	0.0088	0	0.0088
12.1	1.4289	0	0	0
12.1333	1.4299	0.0088	0.0002	0.009
12.1667	1.4315	0.0088	0	0.0088
12.2	1.4394	0.0088	0.0002	0.009
12.2333	1.4381	0.0219	0.0002	0.0221
12.2667	1.4427	0.0088	0	0.0088
12.3	1.448	0.0088	0.0002	0.009
12.3333	1.4477	0.0088	0.0002	0.009
12.3667	1.45	0.0088	0	0.0088
12.4	1.4532	0	0.0015	0.0015
12.4333	1.4579	0.0088	0	0.0088
12.4667	1.4608	0.0219	0.0002	0.0221
12.5	1.4588	0.0088	0.0002	0.009
12.5333	1.4598	0.0088	0.0002	0.009
12.5667	1.4648	0.0088	0.0028	0.0116
12.6	1.4644	0.0088	0.0002	0.009
12.6333	1.4654	0	0	0
12.6667	1.469	0.0088	0.0002	0.009
12.7	1.4704	0.0219	0	0.0219
12.7333	1.4714	0.0088	0.0015	0.0103
12.7667	1.4684	0.0088	0.0002	0.009
12.8	1.4717	0.0088	0.0002	0.009
12.8333	1.4723	0.0088	0.0002	0.009
12.8667	1.4743	0.0088	0	0.0088

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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
12.9	1.4756	0.0088	0	0.0088
12.9333	1.4783	0.0219	0.0002	0.0221
12.9667	1.4786	0.0088	0.0002	0.009
13	1.4793	0.0219	0.0002	0.0221
13.0333	1.4783	0.0088	0.0002	0.009
13.0667	1.4776	0.0088	0.0002	0.009
13.1	1.4779	0	0	0
13.1333	1.4829	0	0.0002	0.0002
13.1667	1.4921	0.0088	0.0002	0.009
13.2	1.4964	0.0219	0.0002	0.0221
13.2333	1.4997	0	0.0002	0.0002
13.2667	1.5099	0.0088	0	0.0088
13.3	1.5128	0.0219	0.0002	0.0221
13.3333	1.5138	0.0088	0.0015	0.0103
13.3667	1.5197	0.0088	0.0002	0.009
13.4	1.5266	0.0219	0.0002	0.0221
13.4333	1.5293	0.0219	0	0.0219
13.4667	1.5345	0	0.0002	0.0002
13.5	1.5415	0.0219	0.0015	0.0235
13.5333	1.5424	0	0.0015	0.0015
13.5667	1.5444	0.0088	0.0002	0.009
13.6	1.5497	0.0219	0.0002	0.0221
13.6333	1.555	0.0088	0.0002	0.009
13.6667	1.5559	0.0088	0.0015	0.0103
13.7	1.5586	0.0088	0.0002	0.009
13.7333	1.5652	0	0	0
13.7667	1.5655	0	0.0002	0.0002
13.8	1.5661	0.0088	0	0.0088
13.8333	1.5708	0.0088	0	0.0088
13.8667	1.5704	0	0.0002	0.0002
13.9	1.5744	0.0088	0.0015	0.0103
13.9333	1.5754	0.0088	0.0002	0.009
13.9667	1.5763	0.0088	0.0002	0.009
14	1.5786	0	0.0002	0.0002
14.0333	1.5796	0	0	0
14.0667	1.5839	0	0.0015	0.0015
14.1	1.5865	0.0219	0	0.0219
14.1333	1.5892	0.0088	0	0.0088
14.1667	1.5898	0.0088	0	0.0088
14.2	1.5915	0.0219	0	0.0219
14.2333	1.5928	0.0351	0.0002	0.0353
14.2667	1.5908	0.0088	0.0015	0.0103
14.3	1.5964	0.0088	0	0.0088



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14.3333	1.5941	0	0.0002	0.0002
14.3667	1.6004	0	0.0002	0.0002
14.4	1.5951	0	0.0002	0.0002
14.4333	1.5994	0.0351	0	0.0351
14.4667	1.5977	0.0219	0.0002	0.0221
14.5	1.5991	0	0.0002	0.0002
14.5333	1.5997	0	0.0015	0.0015
14.5667	1.6023	0.0088	0.0015	0.0103
14.6	1.6033	0	0.0002	0.0002
14.6333	1.6017	0.0219	0.0002	0.0221
14.6667	1.6053	0.0219	0.0002	0.0221
14.7	1.6037	0	0.0002	0.0002
14.7333	1.6066	0.0088	0.0002	0.009
14.7667	1.6053	0.0088	0.0015	0.0103
14.8	1.6063	0.0088	0.0015	0.0103
14.8333	1.6093	0.0088	0.0015	0.0103
14.8667	1.6056	0.0219	0.0002	0.0221
14.9	1.6093	0	0.0002	0.0002
14.9333	1.6086	0.0088	0.0002	0.009
14.9667	1.6102	0.0088	0.0015	0.0103
15	1.6109	0.0088	0.0015	0.0103
15.0333	1.6086	0.0219	0.0002	0.0221
15.0667	1.6096	0.0088	0.0002	0.009
15.1	1.607	0.0219	0	0.0219
15.1333	1.6109	0.0088	0	0.0088
15.1667	1.6122	0	0.0002	0.0002
15.2	1.6089	0.0219	0	0.0219
15.2333	1.6099	0.0219	0	0.0219
15.2667	1.6093	0.0351	0.0002	0.0353
15.3	1.6126	0.0351	0	0.0351
15.3333	1.6135	0.0088	0.0002	0.009
15.3667	1.6129	0.0088	0.0015	0.0103
15.4	1.6126	0.0219	0	0.0219
15.4333	1.6142	0.0088	0	0.0088
15.4667	1.6122	0.0088	0.0002	0.009
15.5	1.6119	0.0219	0	0.0219
15.5333	1.6129	0.0088	0.0015	0.0103
15.5667	1.6126	0.0088	0	0.0088
15.6	1.6145	0.0219	0.0015	0.0235
15.6333	1.6149	0.0219	0.0002	0.0221
15.6667	1.6112	0	0.0002	0.0002
15.7	1.6145	0	0.0015	0.0015
15.7333	1.6129	0.0088	0	0.0088

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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
15.7667	1.6106	0.0088	0.0002	0.009
15.8	1.6152	0.0088	0.0002	0.009
15.8333	1.6158	0	0.0015	0.0015
15.8667	1.6168	0.0088	0	0.0088
15.9	1.6135	0	0	0
15.9333	1.6172	0.0088	0	0.0088
15.9667	1.6181	0	0.0002	0.0002
16	1.6175	0.0088	0.0002	0.009
16.0333	1.6168	0	0	0
16.0667	1.6181	0.0219	0.0002	0.0221
16.1	1.6201	0.0219	0.0002	0.0221
16.1333	1.6208	0.0219	0.0015	0.0235
16.1667	1.6214	0.0088	0	0.0088
16.2	1.6198	0.0088	0.0002	0.009
16.2333	1.6201	0.0088	0.0002	0.009
16.2667	1.6221	0.0088	0.0002	0.009
16.3	1.6208	0.0088	0.0015	0.0103
16.3333	1.6224	0.0088	0.0002	0.009
16.3667	1.6231	0.0219	0.0002	0.0221
16.4	1.6241	0.0088	0.0002	0.009
16.4333	1.6224	0.0088	0	0.0088
16.4667	1.6181	0	0.0002	0.0002
16.5	1.6198	0.0088	0.0015	0.0103
16.5333	1.6224	0.0088	0.0002	0.009
16.5667	1.6237	0.0088	0	0.0088
16.6	1.6214	0.0219	0.0015	0.0235
16.6333	1.6247	0.0088	0.0015	0.0103
16.6667	1.6228	0.0219	0.0002	0.0221
16.7	1.6247	0	0	0
16.7333	1.6251	0.0088	0.0002	0.009
16.7667	1.626	0	0.0002	0.0002
16.8	1.6267	0.0088	0	0.0088
16.8333	1.6267	0.0088	0.0015	0.0103
16.8667	1.6241	0.0219	0.0002	0.0221
16.9	1.626	0.0088	0.0002	0.009
16.9333	1.6231	0.0088	0.0002	0.009
16.9667	1.6237	0.0088	0.0002	0.009
17	1.6283	0.0088	0.0002	0.009
17.0333	1.627	0	0	0
17.0667	1.627	0.0088	0	0.0088
17.1	1.6257	0.0219	0.0002	0.0221
17.1333	1.6251	0.0088	0.0015	0.0103
17.1667	1.6254	0.0088	0.0015	0.0103



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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
17.2	1.6254	0.0088	0.0002	0.009
17.2333	1.6234	0.0219	0	0.0219
17.2667	1.626	0.0219	0.0002	0.0221
17.3	1.6241	0.0219	0	0.0219
17.3333	1.6257	0	0	0
17.3667	1.6241	0.0088	0	0.0088
17.4	1.6254	0.0088	0	0.0088
17.4333	1.6237	0.0088	0.0002	0.009
17.4667	1.626	0.0088	0.0002	0.009
17.5	1.6257	0.0088	0.0015	0.0103
17.5333	1.6241	0.0088	0.0002	0.009
17.5667	1.6241	0.0219	0.0002	0.0221
17.6	1.6247	0.0088	0	0.0088
17.6333	1.6228	0.0088	0.0002	0.009
17.6667	1.6254	0	0.0002	0.0002
17.7	1.6241	0.0219	0	0.0219
17.7333	1.6214	0.0088	0.0002	0.009
17.7667	1.6214	0.0219	0.0002	0.0221
17.8	1.6244	0.0088	0.0002	0.009
17.8333	1.6267	0.0219	0	0.0219
17.8667	1.6254	0.0088	0.0002	0.009
17.9	1.6254	0.0088	0	0.0088
17.9333	1.6251	0.0219	0	0.0219
17.9667	1.6231	0.0219	0	0.0219
18	1.6214	0.0088	0.0002	0.009
18.0333	1.6244	0.0088	0.0015	0.0103
18.0667	1.6231	0.0219	0.0015	0.0235
18.1	1.6244	0	0	0
18.1333	1.6237	0	0.0015	0.0015
18.1667	1.6224	0.0088	0.0002	0.009
18.2	1.6224	0.0088	0.0002	0.009
18.2333	1.6241	0.0088	0	0.0088
18.2667	1.6244	0.0088	0.0002	0.009
18.3	1.6228	0.0219	0.0002	0.0221
18.3333	1.6214	0.0219	0.0015	0.0235
18.3667	1.6231	0	0	0
18.4	1.6208	0.0088	0	0.0088
18.4333	1.6224	0.0088	0	0.0088
18.4667	1.6211	0.0219	0	0.0219
18.5	1.6211	0.0219	0.0015	0.0235
18.5333	1.6244	0.0219	0.0002	0.0221
18.5667	1.6224	0	0.0002	0.0002
18.6	1.6231	0.0219	0.0002	0.0221

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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
18.6333	1.6228	0.0088	0.0015	0.0103
18.6667	1.6231	0.0088	0	0.0088
18.7	1.6231	0.0088	0.0015	0.0103
18.7333	1.6211	0	0.0002	0.0002
18.7667	1.6208	0.0088	0.0002	0.009
18.8	1.6208	0.0088	0	0.0088
18.8333	1.6214	0.0088	0.0002	0.009
18.8667	1.6218	0.0088	0.0002	0.009
18.9	1.6218	0.0088	0.0002	0.009
18.9333	1.6188	0.0088	0	0.0088
18.9667	1.6224	0.0219	0.0002	0.0221
19	1.6214	0.0219	0	0.0219
19.0333	1.6218	0	0	0
19.0667	1.6204	0	0	0
19.1	1.6218	0.0088	0.0002	0.009
19.1333	1.6211	0.0088	0.0002	0.009
19.1667	1.6195	0.0219	0.0002	0.0221
19.2	1.6204	0.0219	0.0015	0.0235
19.2333	1.6185	0.0088	0	0.0088
19.2667	1.6214	0.0088	0.0002	0.009
19.3	1.6188	0.0088	0.0002	0.009
19.3333	1.6201	0.0088	0.0002	0.009
19.3667	1.6185	0.0088	0	0.0088
19.4	1.6162	0	0	0
19.4333	1.6175	0.0088	0.0015	0.0103
19.4667	1.6162	0	0.0015	0.0015
19.5	1.6214	0.0088	0.0002	0.009
19.5333	1.6181	0	0.0002	0.0002
19.5667	1.6231	0.0088	0	0.0088
19.6	1.6204	0.0088	0.0015	0.0103
19.6333	1.6231	0.0219	0.0015	0.0235
19.6667	1.6221	0.0219	0.0028	0.0248
19.7	1.6244	0	0	0
19.7333	1.6241	0	0.0002	0.0002
19.7667	1.6211	0.0088	0	0.0088
19.8	1.6257	0.0088	0.0002	0.009
19.8333	1.6257	0.0088	0.0015	0.0103
19.8667	1.6254	0.0219	0.0002	0.0221
19.9	1.628	0.0088	0.0002	0.009
19.9333	1.6277	0.0088	0.0002	0.009
19.9667	1.626	0.0088	0	0.0088
20	1.6267	0.0219	0.0002	0.0221
20.0333	1.626	0.0088	0	0.0088

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20.0667	1.6287	0.0219	0	0.0219
20.1	1.628	0.0219	0.0002	0.0221
20.1333	1.6283	0.0219	0.0002	0.0221
20.1667	1.6313	0.0088	0	0.0088
20.2	1.6326	0.0219	0.0002	0.0221
20.2333	1.6307	0	0.0002	0.0002
20.2667	1.6297	0.0088	0.0002	0.009
20.3	1.6297	0.0088	0.0015	0.0103
20.3333	1.6283	0.0219	0.0015	0.0235
20.3667	1.6277	0.0219	0	0.0219
20.4	1.6336	0.0088	0	0.0088
20.4333	1.6343	0.0088	0	0.0088
20.4667	1.6349	0.0088	0.0002	0.009
20.5	1.6336	0.0088	0.0015	0.0103
20.5333	1.632	0.0219	0.0015	0.0235
20.5667	1.6316	0.0088	0.0015	0.0103
20.6	1.6326	0.0088	0.0015	0.0103
20.6333	1.6313	0.0088	0.0015	0.0103
20.6667	1.6356	0.0088	0.0002	0.009
20.7	1.6313	0.0088	0	0.0088
20.7333	1.632	0.0351	0	0.0351
20.7667	1.6313	0.0219	0	0.0219
20.8	1.626	0.0088	0.0002	0.009
20.8333	1.6264	0.0219	0.0002	0.0221
20.8667	1.6264	0.0219	0.0002	0.0221
20.9	1.6228	0.0088	0.0002	0.009
20.9333	1.6204	0.0088	0.0002	0.009
20.9667	1.6175	0.0219	0.0002	0.0221
21	1.6175	0.0088	0.0015	0.0103
21.0333	1.6145	0.0088	0.0015	0.0103
21.0667	1.6139	0.0219	0.0002	0.0221
21.1	1.6119	0.0088	0.0002	0.009
21.1333	1.6126	0.0088	0.0015	0.0103
21.1667	1.6106	0.0219	0.0002	0.0221
21.2	1.6116	0.0088	0	0.0088
21.2333	1.6063	0.0088	0	0.0088
21.2667	1.6037	0.0088	0.0002	0.009
21.3	1.607	0.0088	0.0002	0.009
21.3333	1.6033	0.0219	0.0002	0.0221
21.3667	1.601	0	0.0002	0.0002
21.4	1.603	0.0088	0.0002	0.009
21.4333	1.6037	0.0088	0.0002	0.009
21.4667	1.6004	0.0088	0.0002	0.009

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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
21.5	1.5997	0.0088	0	0.0088
21.5333	1.601	0.0088	0.0002	0.009
21.5667	1.601	0.0219	0.0002	0.0221
21.6	1.5984	0.0088	0	0.0088
21.6333	1.5968	0.0088	0.0002	0.009
21.6667	1.576	0.0088	0.0002	0.009
21.7	1.5207	0.0088	0.0002	0.009
21.7333	1.4595	0.0219	0.0015	0.0235
21.7667	1.3983	0.0088	0.0015	0.0103
21.8	1.3354	0.0219	0.0002	0.0221
21.8333	1.2828	0	0.0002	0.0002
21.8667	1.2278	0.0088	0.0002	0.009
21.9	1.1755	0.0219	0.0002	0.0221
21.9333	1.1267	0.0088	0	0.0088
21.9667	1.0817	0.0088	0	0.0088
22	1.0323	0	0.0015	0.0015
22.0333	0.9859	0.0088	0	0.0088
22.0667	0.9477	0.0088	0.0002	0.009
22.1	0.9043	0.0088	0.0028	0.0116
22.1333	0.8634	0.0219	0	0.0219
22.1667	0.8289	0	0.0002	0.0002
22.2	0.7887	0.0088	0.0015	0.0103
22.2333	0.7538	0.0088	0.0002	0.009
22.2667	0.7183	0	0.0002	0.0002
22.3	0.6841	0	0.0002	0.0002
22.3333	0.6541	0.0088	0.0002	0.009
22.3667	0.6245	0.0219	0.0015	0.0235
22.4	0.5939	0.0088	0.0002	0.009
22.4333	0.5692	0.0088	0.0002	0.009
22.4667	0.5412	0.0088	0.0015	0.0103
22.5	0.5146	0	0.0002	0.0002
22.5333	0.4912	0.0088	0.0002	0.009
22.5667	0.4701	0.0088	0.0002	0.009
22.6	0.4435	0	0	0
22.6333	0.4234	0	0.0002	0.0002
22.6667	0.4017	0.0088	0	0.0088
22.7	0.3803	0.0088	0.0002	0.009
22.7333	0.3612	0.0088	0.0002	0.009
22.7667	0.3444	0.0219	0.0002	0.0221
22.8	0.3289	0.0088	0.0002	0.009
22.8333	0.3079	0.0088	0.0015	0.0103
22.8667	0.2944	0	0.0002	0.0002
22.9	0.275	0.0088	0.0002	0.009

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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
22.9333	0.2618	0.0219	0	0.0219
22.9667	0.2473	0.0219	0	0.0219
23	0.2351	0.0088	0	0.0088
23.0333	0.2213	0	0.0002	0.0002
23.0667	0.2065	0	0.0015	0.0015
23.1	0.1963	0.0088	0.0015	0.0103
23.1333	0.1815	0.0088	0.0002	0.009
23.1667	0.1713	0	0.0002	0.0002
23.2	0.1611	0.0088	0	0.0088
23.2333	0.1489	0.0219	0.0015	0.0235
23.2667	0.1423	0.0219	0.0015	0.0235
23.3	0.1324	0	0.0002	0.0002
23.3333	0.1268	0.0219	0.0002	0.0221
23.3667	0.115	0.0088	0.0002	0.009
23.4	0.1064	0	0	0
23.4333	0.0982	0.0219	0.0015	0.0235
23.4667	0.09	0.0219	0.0002	0.0221
23.5	0.0808	0.0088	0.0015	0.0103
23.5333	0.0768	0.0088	0.0015	0.0103
23.5667	0.0719	0.0219	0.0002	0.0221
23.6	0.0663	0.0219	0.0015	0.0235
23.6333	0.0584	0	0	0
23.6667	0.0548	0	0.0002	0.0002
23.7	0.0502	0	0.0028	0.0028
23.7333	0.0442	0.0088	0	0.0088
23.7667	0.0426	0.0219	0.0002	0.0221
23.8	0.0386	0.0088	0.0002	0.009
23.8333	0.033	0	0	0
23.8667	0.0284	0.0088	0.0002	0.009
23.9	0.0288	0.0088	0.0002	0.009
23.9333	0.0261	0.0088	0.0002	0.009
23.9667	0.0205	0.0088	0.0002	0.009
24	0.0192	0	0.0015	0.0015
24.0333	0.0153	0.0088	0.0002	0.009
24.0667	0.012	0.0088	0.0002	0.009
24.1	0.0093	0.0088	0.0002	0.009
24.1333	0.0084	0	0.0002	0.0002
24.1667	0.0034	0.0088	0.0002	0.009
24.2	0.0028	0.0088	0.0002	0.009
24.2333	0.0028	0.0088	0	0.0088
24.2667	-0.0229	0.0219	0	0.0219
24.3	-0.0219	0	0.0002	0.0002
24.3333	-0.0229	0	0.0015	0.0015

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24.3667	-0.0216	0	0.0002	0.0002
24.4	-0.0213	0.0088	0	0.0088
24.4333	-0.0226	0.0219	0.0002	0.0221
24.4667	-0.0219	0.0088	0	0.0088
24.5	-0.0239	0.0088	0.0002	0.009
24.5333	-0.0216	0.0088	0.0015	0.0103
24.5667	-0.0196	0.0088	0.0002	0.009
24.6	-0.0223	0.0351	0.0015	0.0366
24.6333	-0.0242	0	0.0002	0.0002
24.6667	-0.0226	0	0.0002	0.0002
24.7	-0.0196	0.0088	0.0015	0.0103
24.7333	-0.0216	0.0088	0.0002	0.009
24.7667	-0.0206	0.0088	0.0015	0.0103
24.8	-0.02	0.0088	0	0.0088
24.8333	-0.0252	0.0088	0.0002	0.009
24.8667	-0.0203	0	0	0
24.9	-0.0219	0.0088	0.0015	0.0103
24.9333	-0.0216	0.0088	0.0002	0.009
24.9667	-0.0226	0.0219	0	0.0219
25	-0.0213	0.0219	0.0002	0.0221
25.0333	-0.0229	0.0219	0.0028	0.0248
25.0667	-0.0186	0.0219	0	0.0219
25.1	-0.0196	0.0088	0.0002	0.009
25.1333	-0.0272	0.0088	0.0002	0.009
25.1667	-0.0265	0.0219	0.0002	0.0221
25.2	-0.0288	0.0088	0.0002	0.009
25.2333	-0.0282	0.0219	0.0002	0.0221
25.2667	-0.0252	0	0.0002	0.0002
25.3	-0.0259	0.0088	0.0002	0.009
25.3333	-0.0282	0.0219	0.0015	0.0235
25.3667	-0.0275	0.0088	0	0.0088
25.4	-0.0285	0.0088	0	0.0088
25.4333	-0.0311	0.0088	0	0.0088
25.4667	-0.0311	0.0219	0.0002	0.0221
25.5	-0.0305	0.0088	0.0015	0.0103
25.5333	-0.0318	0.0219	0.0015	0.0235
25.5667	-0.0358	0.0088	0.0002	0.009
25.6	-0.0338	0.0219	0.0002	0.0221
25.6333	-0.0344	0.0219	0.0015	0.0235
25.6667	-0.0341	0.0088	0	0.0088
25.7	-0.0387	0.0219	0.0002	0.0221
25.7333	-0.039	0.0088	0	0.0088
25.7667	-0.0371	0.0219	0.0002	0.0221



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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
25.8	-0.0361	0.0088	0	0.0088
25.8333	-0.0387	0	0.0002	0.0002
25.8667	-0.0354	0.0219	0	0.0219
25.9	-0.0407	0.0088	0.0015	0.0103
25.9333	-0.0371	0.0088	0.0015	0.0103
25.9667	-0.0367	0.0088	0.0002	0.009
26	-0.0397	0.0088	0.0002	0.009
26.0333	-0.0397	0	0.0002	0.0002
26.0667	-0.043	0.0088	0.0002	0.009
26.1	-0.0413	0.0088	0.0002	0.009
26.1333	-0.0397	0.0088	0.0002	0.009
26.1667	-0.043	0.0088	0.0002	0.009
26.2	-0.0423	0.0088	0.0015	0.0103
26.2333	-0.0433	0.0088	0.0002	0.009
26.2667	-0.041	0.0088	0.0002	0.009
26.3	-0.0433	0.0088	0	0.0088
26.3333	-0.043	0	0.0028	0.0028
26.3667	-0.042	0.0219	0.0002	0.0221
26.4	-0.0397	0	0	0
26.4333	-0.0397	0.0088	0.0015	0.0103
26.4667	-0.0404	0.0088	0.0002	0.009
26.5	-0.0443	0.0219	0.0002	0.0221
26.5333	-0.0417	0	0.0015	0.0015
26.5667	-0.045	0.0088	0.0002	0.009
26.6	-0.0436	0.0219	0.0002	0.0221
26.6333	-0.043	0.0088	0.0002	0.009
26.6667	-0.0443	0.0088	0.0002	0.009
26.7	-0.0423	0.0219	0.0015	0.0235
26.7333	-0.041	0.0088	0.0002	0.009
26.7667	-0.0427	0.0088	0.0002	0.009
26.8	-0.0407	0.0219	0	0.0219
26.8333	-0.043	0.0351	0	0.0351
26.8667	-0.045	0.0219	0	0.0219
26.9	-0.044	0.0088	0	0.0088
26.9333	-0.0436	0.0219	0.0002	0.0221
26.9667	-0.045	0	0.0002	0.0002
27	-0.042	0.0219	0.0015	0.0235
27.0333	-0.0446	0.0088	0.0015	0.0103
27.0667	-0.0423	0.0088	0.0002	0.009
27.1	-0.0417	0.0088	0	0.0088
27.1333	-0.0436	0.0088	0.0002	0.009
27.1667	-0.0417	0.0088	0.0015	0.0103
27.2	-0.0446	0	0	0



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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
27.2333	-0.0443	0.0219	0.0002	0.0221
27.2667	-0.0417	0.0088	0.0015	0.0103
27.3	-0.0433	0.0088	0.0002	0.009
27.3333	-0.044	0	0	0
27.3667	-0.045	0.0088	0.0002	0.009
27.4	-0.046	0.0219	0.0002	0.0221
27.4333	-0.0423	0.0219	0	0.0219
27.4667	-0.0443	0	0.0015	0.0015
27.5	-0.041	0.0088	0	0.0088
27.5333	-0.0453	0.0088	0.0002	0.009
27.5667	-0.0443	0.0219	0	0.0219
27.6	-0.045	0.0088	0.0002	0.009
27.6333	-0.0433	0	0.0015	0.0015
27.6667	-0.0427	0.0088	0.0028	0.0116
27.7	-0.0417	0.0219	0.0015	0.0235
27.7333	-0.043	0.0219	0.0015	0.0235
27.7667	-0.0456	0.0219	0	0.0219
27.8	-0.043	0.0088	0	0.0088
27.8333	-0.042	0.0088	0.0002	0.009
27.8667	-0.041	0.0088	0	0.0088
27.9	-0.0404	0.0088	0.0002	0.009
27.9333	-0.042	0.0088	0.0002	0.009
27.9667	-0.0443	0	0.0002	0.0002
28	-0.0423	0.0088	0.0002	0.009
28.0333	-0.0436	0.0088	0.0002	0.009
28.0667	-0.0413	0.0351	0.0002	0.0353
28.1	-0.0404	0.0219	0.0015	0.0235
28.1333	-0.0456	0.0088	0	0.0088
28.1667	-0.0427	0.0219	0.0002	0.0221
28.2	-0.0433	0.0088	0.0015	0.0103
28.2333	-0.0397	0	0.0002	0.0002
28.2667	-0.0433	0.0088	0.0002	0.009
28.3	-0.043	0.0088	0	0.0088
28.3333	-0.0423	0.0219	0.0002	0.0221
28.3667	-0.04	0.0088	0.0002	0.009
28.4	-0.0407	0.0088	0.0002	0.009
28.4333	-0.0394	0	0.0002	0.0002
28.4667	-0.042	0.0219	0.0015	0.0235
28.5	-0.039	0.0088	0.0002	0.009
28.5333	-0.041	0	0.0002	0.0002
28.5667	-0.0433	0	0	0
28.6	-0.0417	0.0219	0.0002	0.0221
28.6333	-0.041	0	0.0002	0.0002

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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
28.6667	-0.0413	0	0.0002	0.0002
28.7	-0.039	0.0351	0	0.0351
28.7333	-0.0394	0.0088	0.0002	0.009
28.7667	-0.0384	0.0088	0.0002	0.009
28.8	-0.0423	0.0088	0.0002	0.009
28.8333	-0.0397	0.0219	0	0.0219
28.8667	-0.0384	0.0088	0.0002	0.009
28.9	-0.0377	0.0088	0.0002	0.009
28.9333	-0.0407	0.0088	0.0015	0.0103
28.9667	-0.0394	0.0088	0.0002	0.009
29	-0.0371	0.0088	0.0015	0.0103
29.0333	-0.0377	0	0	0
29.0667	-0.0436	0.0219	0.0015	0.0235
29.1	-0.0413	0.0088	0.0002	0.009
29.1333	-0.0361	0	0.0002	0.0002
29.1667	-0.0387	0	0	0
29.2	-0.0387	0	0.0015	0.0015
29.2333	-0.0374	0.0219	0.0015	0.0235
29.2667	-0.0384	0.0219	0.0002	0.0221
29.3	-0.0404	0.0219	0	0.0219
29.3333	-0.043	0.0088	0.0002	0.009
29.3667	-0.0374	0.0088	0.0028	0.0116
29.4	-0.041	0.0088	0.0002	0.009
29.4333	-0.0377	0.0088	0.0002	0.009
29.4667	-0.0381	0.0088	0.0002	0.009
29.5	-0.0384	0.0219	0.0002	0.0221
29.5333	-0.0397	0.0088	0.0002	0.009
29.5667	-0.0374	0.0088	0	0.0088
29.6	-0.0371	0.0088	0.0015	0.0103
29.6333	-0.0351	0.0088	0.0002	0.009
29.6667	-0.0397	0	0.0002	0.0002
29.7	-0.0381	0.0088	0.0015	0.0103
29.7333	-0.0371	0.0088	0.0015	0.0103
29.7667	-0.0354	0.0219	0.0002	0.0221
29.8	-0.0351	0	0	0
29.8333	-0.0364	0	0.0002	0.0002
29.8667	-0.0371	0.0219	0	0.0219
29.9	-0.0358	0.0088	0	0.0088
29.9333	-0.0387	0.0088	0.0002	0.009
29.9667	-0.0364	0.0088	0.0015	0.0103
30	-0.0351	0.0088	0	0.0088
30.0333	-0.0348	0	0.0002	0.0002
30.0667	-0.04	0	0.0002	0.0002

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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
30.1	-0.0374	0.0088	0	0.0088
30.1333	-0.0367	0.0088	0	0.0088
30.1667	-0.0364	0.0088	0	0.0088
30.2	-0.0361	0.0219	0.0002	0.0221
30.2333	-0.0344	0.0219	0.0002	0.0221
30.2667	-0.0325	0	0	0
30.3	-0.0361	0.0088	0.0002	0.009
30.3333	-0.0364	0.0088	0.0015	0.0103
30.3667	-0.0358	0.0219	0.0002	0.0221
30.4	-0.0364	0.0088	0.0002	0.009
30.4333	-0.0358	0	0.0002	0.0002
30.4667	-0.0371	0.0088	0	0.0088
30.5	-0.0341	0.0088	0.0002	0.009
30.5333	-0.0361	0.0088	0.0015	0.0103
30.5667	-0.0364	0.0219	0	0.0219
30.6	-0.0367	0.0219	0	0.0219
30.6333	-0.0348	0.0351	0.0002	0.0353
30.6667	-0.0341	0	0.0015	0.0015
30.7	-0.0354	0.0088	0.0015	0.0103
30.7333	-0.0367	0.0088	0	0.0088
30.7667	-0.0361	0.0088	0.0015	0.0103
30.8	-0.0367	0.0219	0.0028	0.0248
30.8333	-0.0334	0	0	0
30.8667	-0.0354	0.0088	0.0002	0.009
30.9	-0.0358	0.0088	0.0002	0.009
30.9333	-0.0344	0.0219	0.0002	0.0221
30.9667	-0.0364	0	0.0002	0.0002
31	-0.0334	0.0219	0.0002	0.0221
31.0333	-0.0354	0.0088	0.0015	0.0103
31.0667	-0.0348	0	0.0002	0.0002
31.1	-0.0377	0.0088	0.0015	0.0103
31.1333	-0.0331	0.0088	0.0002	0.009
31.1667	-0.0367	0.0088	0.0002	0.009
31.2	-0.0351	0.0219	0.0002	0.0221
31.2333	-0.0377	0.0088	0.0002	0.009
31.2667	-0.0341	0.0088	0.0002	0.009
31.3	-0.0348	0.0088	0.0015	0.0103
31.3333	-0.0328	0.0088	0.0002	0.009
31.3667	-0.0344	0	0.0002	0.0002
31.4	-0.0364	0.0219	0.0015	0.0235
31.4333	-0.0341	0.0088	0	0.0088
31.4667	-0.0348	0.0088	0	0.0088
31.5	-0.0338	0	0.0002	0.0002

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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
31.5333	-0.0328	0.0219	0	0.0219
31.5667	-0.0341	0.0219	0.0002	0.0221
31.6	-0.0361	0.0088	0	0.0088
31.6333	-0.0331	0.0088	0.0002	0.009
31.6667	-0.0334	0.0088	0.0002	0.009
31.7	-0.0344	0.0088	0.0015	0.0103
31.7333	-0.0325	0.0351	0.0015	0.0366
31.7667	-0.0338	0.0088	0.0002	0.009
31.8	-0.0354	0	0.0002	0.0002
31.8333	-0.0305	0.0088	0.0015	0.0103
31.8667	-0.0334	0.0088	0	0.0088
31.9	-0.0344	0.0088	0.0015	0.0103
31.9333	-0.0328	0	0.0002	0.0002
31.9667	-0.0321	0.0088	0	0.0088
32	-0.0334	0.0219	0.0002	0.0221
32.0333	-0.0325	0.0219	0.0015	0.0235
32.0667	-0.0318	0.0088	0.0015	0.0103
32.1	-0.0358	0	0.0002	0.0002
32.1333	-0.0348	0.0219	0.0015	0.0235
32.1667	-0.0348	0.0088	0	0.0088
32.2	-0.0325	0.0219	0.0002	0.0221
32.2333	-0.0358	0.0088	0.0015	0.0103
32.2667	-0.0354	0	0.0002	0.0002
32.3	-0.0308	0.0088	0	0.0088
32.3333	-0.0321	0.0088	0	0.0088
32.3667	-0.0328	0.0088	0.0002	0.009
32.4	-0.0358	0.0219	0.0015	0.0235
32.4333	-0.0315	0	0.0015	0.0015
32.4667	-0.0338	0.0088	0.0015	0.0103
32.5	-0.0321	0.0088	0.0015	0.0103
32.5333	-0.0334	0.0219	0.0015	0.0235
32.5667	-0.0308	0	0.0015	0.0015
32.6	-0.0315	0.0219	0.0015	0.0235
32.6333	-0.0344	0.0088	0.0002	0.009
32.6667	-0.0344	0.0219	0	0.0219
32.7	-0.0348	0.0088	0	0.0088
32.7333	-0.0311	0.0088	0.0015	0.0103
32.7667	-0.0311	0.0219	0.0002	0.0221
32.8	-0.0328	0.0088	0	0.0088
32.8333	-0.0308	0.0088	0	0.0088
32.8667	-0.0321	0	0.0015	0.0015
32.9	-0.0344	0.0088	0	0.0088
32.9333	-0.0302	0.0351	0.0015	0.0366

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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
32.9667	-0.0318	0.0088	0.0002	0.009
33	-0.0331	0.0088	0.0002	0.009
33.0333	-0.0298	0.0219	0	0.0219
33.0667	-0.0295	0	0.0015	0.0015
33.1	-0.0318	0.0088	0.0002	0.009
33.1333	-0.0328	0.0219	0.0015	0.0235
33.1667	-0.0298	0.0219	0.0002	0.0221
33.2	-0.0311	0.0088	0.0002	0.009
33.2333	-0.0305	0	0.0002	0.0002
33.2667	-0.0334	0.0219	0	0.0219
33.3	-0.0318	0.0219	0	0.0219
33.3333	-0.0298	0.0219	0	0.0219
33.3667	-0.0315	0.0088	0	0.0088
33.4	-0.0325	0.0088	0.0002	0.009
33.4333	-0.0295	0.0088	0.0015	0.0103
33.4667	-0.0315	0.0219	0	0.0219
33.5	-0.0331	0.0088	0.0002	0.009
33.5333	-0.0302	0.0219	0.0002	0.0221
33.5667	-0.0285	0.0088	0.0002	0.009
33.6	-0.0315	0.0219	0.0002	0.0221
33.6333	-0.0302	0.0088	0.0002	0.009
33.6667	-0.0288	0.0088	0	0.0088
33.7	-0.0298	0.0088	0	0.0088
33.7333	-0.0315	0.0219	0.0002	0.0221
33.7667	-0.0308	0.0088	0.0015	0.0103
33.8	-0.0298	0.0219	0	0.0219
33.8333	-0.0298	0.0088	0.0015	0.0103
33.8667	-0.0315	0.0088	0.0002	0.009
33.9	-0.0288	0	0.0015	0.0015
33.9333	-0.0288	0	0.0002	0.0002
33.9667	-0.0282	0	0.0002	0.0002
34	-0.0295	0.0088	0.0002	0.009
34.0333	-0.0338	0.0351	0.0002	0.0353
34.0667	-0.0295	0.0219	0.0002	0.0221
34.1	-0.0302	0.0088	0.0002	0.009
34.1333	-0.0282	0	0.0002	0.0002
34.1667	-0.0308	0.0088	0.0002	0.009
34.2	-0.0302	0.0219	0.0028	0.0248
34.2333	-0.0321	0.0088	0	0.0088
34.2667	-0.0295	0.0088	0.0002	0.009
34.3	-0.0321	0.0219	0.0002	0.0221
34.3333	-0.0305	0.0088	0.0015	0.0103
34.3667	-0.0285	0.0088	0.0015	0.0103

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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
34.4	-0.0288	0.0219	0.0002	0.0221
34.4333	-0.0308	0	0	0
34.4667	-0.0288	0.0088	0.0002	0.009
34.5	-0.0292	0.0219	0	0.0219
34.5333	-0.0315	0	0.0002	0.0002
34.5667	-0.0298	0	0.0015	0.0015
34.6	-0.0288	0.0219	0.0002	0.0221
34.6333	-0.0269	0.0088	0.0002	0.009
34.6667	-0.0305	0.0088	0.0002	0.009
34.7	-0.0279	0	0.0002	0.0002
34.7333	-0.0318	0	0	0
34.7667	-0.0292	0	0.0002	0.0002
34.8	-0.0325	0.0219	0.0002	0.0221
34.8333	-0.0305	0.0088	0.0002	0.009
34.8667	-0.0269	0.0088	0.0002	0.009
34.9	-0.0298	0.0219	0.0015	0.0235
34.9333	-0.0292	0.0219	0.0002	0.0221
34.9667	-0.0295	0.0088	0.0015	0.0103
35	-0.0288	0.0088	0.0002	0.009
35.0333	-0.0275	0.0219	0.0015	0.0235
35.0667	-0.0292	0.0219	0.0002	0.0221
35.1	-0.0305	0.0088	0.0002	0.009
35.1333	-0.0265	0.0088	0	0.0088
35.1667	-0.0279	0.0088	0	0.0088
35.2	-0.0292	0.0219	0.0002	0.0221
35.2333	-0.0282	0	0.0015	0.0015
35.2667	-0.0255	0.0219	0.0015	0.0235
35.3	-0.0295	0.0088	0	0.0088
35.3333	-0.0298	0	0.0002	0.0002
35.3667	-0.0275	0.0088	0.0002	0.009
35.4	-0.0282	0.0088	0.0002	0.009
35.4333	-0.0295	0.0088	0.0002	0.009
35.4667	-0.0298	0.0088	0.0002	0.009
35.5	-0.0249	0	0.0015	0.0015
35.5333	-0.0275	0.0088	0.0015	0.0103
35.5667	-0.0282	0.0088	0.0002	0.009
35.6	-0.0321	0	0	0
35.6333	-0.0269	0.0088	0.0002	0.009
35.6667	-0.0269	0.0219	0.0002	0.0221
35.7	-0.0302	0.0088	0.0002	0.009
35.7333	-0.0302	0	0.0015	0.0015
35.7667	-0.0265	0.0088	0.0002	0.009
35.8	-0.0269	0.0088	0.0002	0.009



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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
35.8333	-0.0288	0	0.0002	0.0002
35.8667	-0.0302	0	0.0002	0.0002
35.9	-0.0275	0.0088	0.0002	0.009
35.9333	-0.0269	0.0219	0.0002	0.0221
35.9667	-0.0295	0	0	0
36	-0.0282	0.0088	0.0002	0.009
36.0333	-0.0295	0.0088	0	0.0088
36.0667	-0.0288	0.0088	0	0.0088
36.1	-0.0255	0.0219	0.0015	0.0235
36.1333	-0.0292	0.0219	0.0015	0.0235
36.1667	-0.0288	0.0219	0.0002	0.0221
36.2	-0.0292	0.0088	0	0.0088
36.2333	-0.0298	0.0088	0.0028	0.0116
36.2667	-0.0246	0.0088	0.0015	0.0103
36.3	-0.0288	0.0088	0.0002	0.009
36.3333	-0.0259	0.0219	0	0.0219
36.3667	-0.0272	0.0219	0.0002	0.0221
36.4	-0.0282	0.0351	0.0015	0.0366
36.4333	-0.0282	0	0.0015	0.0015
36.4667	-0.0262	0.0088	0	0.0088
36.5	-0.0295	0.0219	0	0.0219
36.5333	-0.0275	0.0088	0.0002	0.009
36.5667	-0.0308	0.0351	0	0.0351
36.6	-0.0272	0.0219	0.0015	0.0235
36.6333	-0.0279	0.0088	0.0015	0.0103
36.6667	-0.0229	0.0088	0.0002	0.009
36.7	-0.0288	0.0219	0.0002	0.0221
36.7333	-0.0259	0.0088	0.0002	0.009
36.7667	-0.0288	0.0088	0.0002	0.009
36.8	-0.0259	0.0219	0.0002	0.0221
36.8333	-0.0272	0.0088	0	0.0088
36.8667	-0.0292	0.0088	0	0.0088
36.9	-0.0269	0	0.0002	0.0002
36.9333	-0.0272	0.0219	0.0015	0.0235
36.9667	-0.0259	0.0219	0.0015	0.0235
37	-0.0292	0.0219	0.0002	0.0221
37.0333	-0.0282	0.0088	0.0002	0.009
37.0667	-0.0255	0	0.0002	0.0002
37.1	-0.0259	0.0219	0.0015	0.0235
37.1333	-0.0282	0.0088	0.0002	0.009
37.1667	-0.0275	0.0088	0.0002	0.009
37.2	-0.0252	0.0088	0	0.0088
37.2333	-0.0252	0.0088	0	0.0088

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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
37.2667	-0.0279	0.0088	0	0.0088
37.3	-0.0269	0.0088	0.0015	0.0103
37.3333	-0.0252	0.0088	0.0015	0.0103
37.3667	-0.0269	0.0351	0.0002	0.0353
37.4	-0.0246	0.0219	0.0002	0.0221
37.4333	-0.0262	0.0219	0	0.0219
37.4667	-0.0275	0	0.0002	0.0002
37.5	-0.0275	0.0088	0.0015	0.0103
37.5333	-0.0265	0.0088	0	0.0088
37.5667	-0.0255	0.0088	0.0015	0.0103
37.6	-0.0269	0.0219	0	0.0219
37.6333	-0.0259	0.0088	0.0015	0.0103
37.6667	-0.0279	0.0088	0.0002	0.009
37.7	-0.0282	0	0.0002	0.0002
37.7333	-0.0259	0	0	0
37.7667	-0.0295	0.0088	0.0015	0.0103
37.8	-0.0295	0.0088	0.0015	0.0103
37.8333	-0.0262	0.0088	0.0028	0.0116
37.8667	-0.0285	0.0088	0	0.0088
37.9	-0.0262	0.0219	0.0002	0.0221
37.9333	-0.0272	0.0351	0.0015	0.0366
37.9667	-0.0279	0	0.0002	0.0002
38	-0.0279	0.0088	0.0002	0.009
38.0333	-0.0285	0.0088	0.0002	0.009
38.0667	-0.0292	0.0219	0.0002	0.0221
38.1	-0.0295	0.0219	0.0002	0.0221
38.1333	-0.0311	0.0088	0.0015	0.0103
38.1667	-0.0282	0.0088	0	0.0088
38.2	-0.0295	0.0219	0.0015	0.0235
38.2333	-0.0308	0.0219	0	0.0219
38.2667	-0.0262	0.0088	0	0.0088
38.3	-0.0295	0.0088	0.0002	0.009
38.3333	-0.0279	0.0088	0.0002	0.009
38.3667	-0.0275	0.0088	0.0015	0.0103
38.4	-0.0292	0.0088	0.0002	0.009
38.4333	-0.0288	0	0.0002	0.0002
38.4667	-0.0275	0.0088	0.0002	0.009
38.5	-0.0298	0.0088	0	0.0088
38.5333	-0.0321	0.0219	0.0002	0.0221
38.5667	-0.0262	0.0088	0.0002	0.009
38.6	-0.0311	0.0088	0.0002	0.009
38.6333	-0.0265	0.0219	0.0015	0.0235
38.6667	-0.0262	0.0088	0.0002	0.009

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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
38.7	-0.0265	0	0.0015	0.0015
38.7333	-0.0255	0	0.0015	0.0015
38.7667	-0.0255	0.0088	0.0015	0.0103
38.8	-0.0265	0.0088	0.0015	0.0103
38.8333	-0.0279	0.0088	0	0.0088
38.8667	-0.0242	0	0.0002	0.0002
38.9	-0.0259	0.0088	0	0.0088
38.9333	-0.0265	0.0219	0.0015	0.0235
38.9667	-0.0292	0.0088	0	0.0088
39	-0.0255	0.0351	0	0.0351
39.0333	-0.0262	0	0.0015	0.0015
39.0667	-0.0288	0.0088	0	0.0088
39.1	-0.0305	0.0088	0.0002	0.009
39.1333	-0.0282	0.0088	0.0015	0.0103
39.1667	-0.0279	0	0.0002	0.0002
39.2	-0.0265	0.0219	0.0002	0.0221
39.2333	-0.0288	0.0088	0.0015	0.0103
39.2667	-0.0292	0.0088	0.0002	0.009
39.3	-0.0292	0.0088	0	0.0088
39.3333	-0.0282	0.0088	0.0002	0.009
39.3667	-0.0275	0.0088	0	0.0088
39.4	-0.0295	0.0088	0.0002	0.009
39.4333	-0.0262	0.0088	0	0.0088
39.4667	-0.0272	0.0219	0.0015	0.0235
39.5	-0.0269	0.0219	0	0.0219
39.5333	-0.0298	0.0219	0.0015	0.0235
39.5667	-0.0262	0.0088	0.0002	0.009
39.6	-0.0295	0.0351	0.0002	0.0353
39.6333	-0.0265	0	0.0002	0.0002
39.6667	-0.0311	0.0219	0	0.0219
39.7	-0.0282	0	0.0002	0.0002
39.7333	-0.0279	0.0088	0	0.0088
39.7667	-0.0305	0.0088	0.0015	0.0103
39.8	-0.0285	0.0219	0.0002	0.0221
39.8333	-0.0272	0.0219	0.0015	0.0235
39.8667	-0.0275	0.0219	0	0.0219
39.9	-0.0292	0.0088	0.0002	0.009
39.9333	-0.0288	0.0088	0.0002	0.009
39.9667	-0.0285	0.0219	0.0002	0.0221
40	-0.0308	0.0088	0.0015	0.0103
40.0333	-0.0259	0.0219	0.0015	0.0235
40.0667	-0.0262	0	0	0
40.1	-0.0272	0	0.0015	0.0015

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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
40.1333	-0.0259	0.0088	0.0015	0.0103
40.1667	-0.0282	0.0088	0.0015	0.0103
40.2	-0.0279	0.0088	0.0002	0.009
40.2333	-0.0279	0.0088	0.0002	0.009
40.2667	-0.0305	0.0088	0.0015	0.0103
40.3	-0.0275	0.0219	0.0002	0.0221
40.3333	-0.0252	0.0088	0.0015	0.0103
40.3667	-0.0242	0.0219	0.0002	0.0221
40.4	-0.0282	0.0088	0	0.0088
40.4333	-0.0255	0.0219	0	0.0219
40.4667	-0.0275	0.0088	0.0015	0.0103
40.5	-0.0259	0	0.0002	0.0002
40.5333	-0.0272	0.0088	0.0002	0.009
40.5667	-0.0272	0	0.0015	0.0015
40.6	-0.0285	0.0088	0.0002	0.009
40.6333	-0.0295	0.0219	0.0015	0.0235
40.6667	-0.0288	0.0219	0.0015	0.0235
40.7	-0.0269	0.0088	0.0015	0.0103
40.7333	-0.0259	0.0219	0.0028	0.0248
40.7667	-0.0305	0.0351	0.0002	0.0353
40.8	-0.0302	0	0.0002	0.0002
40.8333	-0.0275	0.0219	0.0002	0.0221
40.8667	-0.0275	0.0088	0.0002	0.009
40.9	-0.0255	0.0088	0.0015	0.0103
40.9333	-0.0275	0	0.0002	0.0002
40.9667	-0.0279	0.0088	0.0015	0.0103
41	-0.0269	0.0219	0.0015	0.0235
41.0333	-0.0285	0.0088	0.0015	0.0103
41.0667	-0.0275	0.0219	0.0015	0.0235
41.1	-0.0255	0	0.0002	0.0002
41.1333	-0.0272	0	0.0002	0.0002
41.1667	-0.0282	0.0088	0.0002	0.009
41.2	-0.0282	0.0219	0.0002	0.0221
41.2333	-0.0269	0	0.0015	0.0015
41.2667	-0.0265	0.0088	0.0002	0.009
41.3	-0.0269	0.0219	0.0015	0.0235
41.3333	-0.0279	0.0219	0.0002	0.0221
41.3667	-0.0282	0	0.0028	0.0028
41.4	-0.0272	0.0088	0.0015	0.0103
41.4333	-0.0249	0.0088	0	0.0088
41.4667	-0.0275	0.0088	0	0.0088
41.5	-0.0249	0.0219	0.0002	0.0221
41.5333	-0.0275	0.0219	0.0002	0.0221

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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
41.5667	-0.0255	0.0088	0.0015	0.0103
41.6	-0.0305	0.0088	0.0015	0.0103
41.6333	-0.0255	0.0088	0.0002	0.009
41.6667	-0.0282	0.0088	0.0002	0.009
41.7	-0.0255	0.0219	0.0002	0.0221
41.7333	-0.0249	0.0219	0.0015	0.0235
41.7667	-0.0265	0.0088	0.0002	0.009
41.8	-0.0262	0.0088	0.0015	0.0103
41.8333	-0.0272	0.0219	0.0015	0.0235
41.8667	-0.0259	0.0219	0.0002	0.0221
41.9	-0.0255	0	0	0
41.9333	-0.0252	0.0088	0.0015	0.0103
41.9667	-0.0259	0.0219	0.0002	0.0221
42	-0.0259	0	0.0002	0.0002
42.0333	-0.0275	0.0088	0.0002	0.009
42.0667	-0.0272	0.0088	0	0.0088
42.1	-0.0255	0.0088	0.0015	0.0103
42.1333	-0.0262	0.0088	0.0015	0.0103
42.1667	-0.0262	0.0088	0.0015	0.0103
42.2	-0.0288	0	0.0002	0.0002
42.2333	-0.0272	0	0.0002	0.0002
42.2667	-0.0279	0	0.0002	0.0002
42.3	-0.0265	0.0088	0.0015	0.0103
42.3333	-0.0275	0.0088	0.0002	0.009
42.3667	-0.0236	0.0088	0	0.0088
42.4	-0.0272	0	0	0
42.4333	-0.0252	0.0088	0	0.0088
42.4667	-0.0272	0	0.0002	0.0002
42.5	-0.0285	0.0088	0.0002	0.009
42.5333	-0.0269	0	0.0028	0.0028
42.5667	-0.0275	0.0088	0.0002	0.009
42.6	-0.0269	0.0088	0.0002	0.009
42.6333	-0.0288	0.0088	0.0002	0.009
42.6667	-0.0242	0.0219	0.0015	0.0235
42.7	-0.0242	0.0088	0.0015	0.0103
42.7333	-0.0259	0.0088	0.0015	0.0103
42.7667	-0.0252	0	0.0002	0.0002
42.8	-0.0292	0	0.0002	0.0002
42.8333	-0.0275	0.0219	0.0002	0.0221
42.8667	-0.0252	0.0351	0.0015	0.0366
42.9	-0.0236	0.0219	0.0002	0.0221
42.9333	-0.0252	0.0088	0.0015	0.0103
42.9667	-0.0269	0.0351	0.0002	0.0353

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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
43	-0.0279	0	0.0002	0.0002
43.0333	-0.0272	0.0088	0.0002	0.009
43.0667	-0.0275	0.0088	0.0002	0.009
43.1	-0.0259	0	0.0015	0.0015
43.1333	-0.0223	0.0219	0.0002	0.0221
43.1667	-0.0269	0.0088	0.0002	0.009
43.2	-0.0272	0.0088	0.0002	0.009
43.2333	-0.0275	0	0.0002	0.0002
43.2667	-0.0259	0.0088	0.0015	0.0103
43.3	-0.0259	0.0219	0.0002	0.0221
43.3333	-0.0265	0.0219	0	0.0219
43.3667	-0.0252	0.0088	0.0002	0.009
43.4	-0.0265	0.0088	0.0002	0.009
43.4333	-0.0255	0	0.0002	0.0002
43.4667	-0.0236	0.0088	0.0015	0.0103
43.5	-0.0285	0.0219	0.0015	0.0235
43.5333	-0.0239	0	0.0002	0.0002
43.5667	-0.0275	0	0.0015	0.0015
43.6	-0.0239	0.0219	0.0002	0.0221
43.6333	-0.0252	0.0219	0.0015	0.0235
43.6667	-0.0259	0	0.0002	0.0002
43.7	-0.0252	0.0088	0.0002	0.009
43.7333	-0.0262	0.0088	0.0028	0.0116
43.7667	-0.0269	0.0219	0	0.0219
43.8	-0.0255	0.0088	0	0.0088
43.8333	-0.0242	0.0219	0.0002	0.0221
43.8667	-0.0269	0.0088	0.0002	0.009
43.9	-0.0262	0	0	0
43.9333	-0.0259	0.0088	0.0002	0.009
43.9667	-0.0259	0.0219	0.0002	0.0221
44	-0.0255	0.0088	0.0002	0.009
44.0333	-0.0275	0.0088	0.0002	0.009
44.0667	-0.0242	0.0219	0.0015	0.0235
44.1	-0.0275	0.0088	0	0.0088
44.1333	-0.0279	0.0088	0	0.0088
44.1667	-0.0252	0.0088	0.0015	0.0103
44.2	-0.0269	0.0088	0.0002	0.009
44.2333	-0.0262	0.0088	0.0002	0.009
44.2667	-0.0269	0.0219	0.0015	0.0235
44.3	-0.0249	0.0088	0.0002	0.009
44.3333	-0.0242	0.0088	0.0015	0.0103
44.3667	-0.0246	0.0088	0.0002	0.009
44.4	-0.0252	0	0.0002	0.0002



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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
44.4333	-0.0262	0	0.0002	0.0002
44.4667	-0.0246	0.0088	0.0015	0.0103
44.5	-0.0242	0.0088	0.0002	0.009
44.5333	-0.0262	0	0.0015	0.0015
44.5667	-0.0275	0	0.0002	0.0002
44.6	-0.0239	0.0088	0	0.0088
44.6333	-0.0232	0.0219	0.0002	0.0221
44.6667	-0.0275	0.0088	0.0002	0.009
44.7	-0.0269	0.0088	0.0002	0.009
44.7333	-0.0246	0.0219	0	0.0219
44.7667	-0.0269	0	0	0
44.8	-0.0239	0	0.0015	0.0015
44.8333	-0.0259	0.0219	0.0002	0.0221
44.8667	-0.0239	0.0088	0.0015	0.0103
44.9	-0.0259	0.0088	0.0015	0.0103
44.9333	-0.0272	0.0088	0	0.0088
44.9667	-0.0272	0.0088	0.0002	0.009
45	-0.0259	0.0088	0.0002	0.009
45.0333	-0.0239	0.0088	0.0002	0.009
45.0667	-0.0236	0.0088	0	0.0088
45.1	-0.0269	0.0088	0.0015	0.0103
45.1333	-0.0255	0.0088	0.0015	0.0103
45.1667	-0.0275	0.0088	0.0002	0.009
45.2	-0.0262	0.0351	0.0015	0.0366
45.2333	-0.0249	0.0219	0.0015	0.0235
45.2667	-0.0242	0	0.0002	0.0002
45.3	-0.0229	0.0219	0	0.0219
45.3333	-0.0272	0.0088	0.0015	0.0103
45.3667	-0.0285	0.0351	0.0002	0.0353
45.4	-0.0262	0.0088	0.0002	0.009
45.4333	-0.0275	0	0.0002	0.0002
45.4667	-0.0282	0.0088	0.0002	0.009
45.5	-0.0232	0.0088	0.0015	0.0103
45.5333	-0.0282	0.0219	0.0002	0.0221
45.5667	-0.0252	0.0088	0.0015	0.0103
45.6	-0.0242	0.0088	0	0.0088
45.6333	-0.0236	0.0219	0.0002	0.0221
45.6667	-0.0262	0.0219	0.0015	0.0235
45.7	-0.0239	0	0.0015	0.0015
45.7333	-0.0265	0	0.0015	0.0015
45.7667	-0.0272	0.0088	0.0002	0.009
45.8	-0.0255	0.0088	0	0.0088
45.8333	-0.0252	0.0088	0.0002	0.009

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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
45.8667	-0.0265	0.0088	0	0.0088
45.9	-0.0279	0.0219	0	0.0219
45.9333	-0.0255	0.0219	0.0015	0.0235
45.9667	-0.0269	0	0.0002	0.0002
46	-0.0265	0.0219	0.0002	0.0221
46.0333	-0.0272	0.0088	0.0002	0.009
46.0667	-0.0275	0.0088	0.0015	0.0103
46.1	-0.0249	0.0088	0.0015	0.0103
46.1333	-0.0239	0	0.0015	0.0015
46.1667	-0.0239	0.0219	0.0002	0.0221
46.2	-0.0265	0.0219	0	0.0219
46.2333	-0.0272	0.0219	0.0002	0.0221
46.2667	-0.0255	0.0219	0.0002	0.0221
46.3	-0.0252	0	0	0
46.3333	-0.0242	0	0	0
46.3667	-0.0262	0.0088	0.0002	0.009
46.4	-0.0269	0.0088	0	0.0088
46.4333	-0.0216	0.0219	0.0002	0.0221
46.4667	-0.0236	0.0088	0.0002	0.009
46.5	-0.0279	0	0.0015	0.0015
46.5333	-0.0239	0.0219	0.0002	0.0221
46.5667	-0.0255	0	0	0
46.6	-0.0252	0.0088	0.0015	0.0103
46.6333	-0.0272	0	0.0002	0.0002
46.6667	-0.0259	0.0088	0.0002	0.009
46.7	-0.0269	0.0088	0.0002	0.009
46.7333	-0.0246	0.0219	0.0028	0.0248
46.7667	-0.0279	0.0219	0.0002	0.0221
46.8	-0.0232	0.0088	0.0002	0.009
46.8333	-0.0242	0.0219	0.0002	0.0221
46.8667	-0.0232	0.0088	0.0002	0.009
46.9	-0.0262	0.0088	0.0002	0.009
46.9333	-0.0272	0.0088	0.0002	0.009
46.9667	-0.0246	0.0088	0.0002	0.009
47	-0.0255	0.0219	0.0015	0.0235
47.0333	-0.0229	0.0088	0	0.0088
47.0667	-0.0279	0	0.0002	0.0002
47.1	-0.0249	0.0088	0	0.0088
47.1333	-0.0279	0.0088	0.0015	0.0103
47.1667	-0.0272	0.0351	0.0002	0.0353
47.2	-0.0242	0.0088	0.0002	0.009
47.2333	-0.0232	0.0219	0.0015	0.0235
47.2667	-0.0265	0.0219	0.0002	0.0221

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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
47.3	-0.0285	0.0088	0.0002	0.009
47.3333	-0.0265	0	0.0002	0.0002
47.3667	-0.0239	0.0088	0.0015	0.0103
47.4	-0.0265	0	0.0015	0.0015
47.4333	-0.0259	0	0	0
47.4667	-0.0252	0	0.0002	0.0002
47.5	-0.0259	0	0.0002	0.0002
47.5333	-0.0232	0.0088	0.0002	0.009
47.5667	-0.0229	0	0	0
47.6	-0.0259	0.0219	0.0002	0.0221
47.6333	-0.0262	0	0.0015	0.0015
47.6667	-0.0249	0	0.0002	0.0002
47.7	-0.0262	0.0088	0.0002	0.009
47.7333	-0.0252	0.0088	0.0015	0.0103
47.7667	-0.0269	0.0088	0.0002	0.009
47.8	-0.0275	0	0.0002	0.0002
47.8333	-0.0252	0.0219	0.0002	0.0221
47.8667	-0.0252	0.0088	0.0002	0.009
47.9	-0.0272	0	0.0015	0.0015
47.9333	-0.0265	0.0351	0	0.0351
47.9667	-0.0259	0.0351	0.0002	0.0353
48	-0.0249	0.0088	0	0.0088
48.0333	-0.0269	0.0219	0.0002	0.0221
48.0667	-0.0239	0.0088	0.0002	0.009
48.1	-0.0252	0.0088	0	0.0088
48.1333	-0.0239	0.0088	0.0002	0.009
48.1667	-0.0255	0	0.0002	0.0002
48.2	-0.0259	0.0088	0.0002	0.009
48.2333	-0.0236	0.0088	0.0015	0.0103
48.2667	-0.0265	0.0088	0.0002	0.009
48.3	-0.0242	0.0088	0.0015	0.0103
48.3333	-0.0269	0.0088	0	0.0088
48.3667	-0.0246	0.0351	0.0002	0.0353
48.4	-0.0246	0.0219	0.0002	0.0221
48.4333	-0.0279	0.0219	0.0002	0.0221
48.4667	-0.0282	0.0088	0.0002	0.009
48.5	-0.0279	0.0219	0.0015	0.0235
48.5333	-0.0242	0.0088	0.0002	0.009
48.5667	-0.0275	0.0219	0.0002	0.0221
48.6	-0.0259	0.0088	0.0015	0.0103
48.6333	-0.0272	0.0219	0.0002	0.0221
48.6667	-0.0262	0.0088	0.0015	0.0103
48.7	-0.0236	0.0088	0.0002	0.009

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48.7333	-0.0275	0.0219	0.0015	0.0235
48.7667	-0.0249	0.0219	0.0002	0.0221
48.8	-0.0246	0.0088	0.0002	0.009
48.8333	-0.0223	0.0219	0	0.0219
48.8667	-0.0279	0.0219	0.0002	0.0221
48.9	-0.0229	0.0088	0.0002	0.009
48.9333	-0.0255	0	0.0015	0.0015
48.9667	-0.0262	0.0088	0	0.0088
49	-0.0265	0	0.0002	0.0002
49.0333	-0.0279	0.0088	0.0002	0.009
49.0667	-0.0246	0.0088	0.0002	0.009
49.1	-0.0242	0.0219	0.0015	0.0235
49.1333	-0.0255	0.0088	0	0.0088
49.1667	-0.0242	0.0088	0.0002	0.009
49.2	-0.0239	0	0.0002	0.0002
49.2333	-0.0269	0.0088	0.0015	0.0103
49.2667	-0.0236	0.0088	0.0002	0.009
49.3	-0.0255	0.0088	0.0002	0.009
49.3333	-0.0242	0.0219	0.0002	0.0221
49.3667	-0.0236	0	0.0002	0.0002
49.4	-0.0275	0.0088	0.0015	0.0103
49.4333	-0.0236	0.0088	0.0002	0.009
49.4667	-0.0262	0.0088	0.0015	0.0103
49.5	-0.0255	0.0088	0.0002	0.009
49.5333	-0.0259	0	0.0002	0.0002
49.5667	-0.0074	0.0219	0.0002	0.0221
49.6	0.0199	0	0.0028	0.0028
49.6333	0.0548	0.0219	0.0015	0.0235
49.6667	0.0926	0.0088	0.0028	0.0116
49.7	0.1298	0.0088	0.0015	0.0103
49.7333	0.1673	0.0219	0.0002	0.0221
49.7667	0.2055	0.0219	0	0.0219
49.8	0.2384	0.0219	0.0002	0.0221
49.8333	0.2733	0.0219	0	0.0219
49.8667	0.3075	0.0088	0.0015	0.0103
49.9	0.3395	0.0088	0.0002	0.009
49.9333	0.3727	0.0088	0.0002	0.009
49.9667	0.4036	0.0088	0.0015	0.0103
50	0.4329	0.0088	0.0002	0.009
50.0333	0.4622	0	0.0002	0.0002
50.0667	0.4899	0.0088	0.0002	0.009
50.1	0.5225	0.0088	0.0002	0.009
50.1333	0.5514	0.0219	0	0.0219

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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
50.1667	0.5758	0.0219	0.0002	0.0221
50.2	0.6028	0.0088	0	0.0088
50.2333	0.6291	0.0088	0.0002	0.009
50.2667	0.6554	0	0.0002	0.0002
50.3	0.6804	0.0088	0.0015	0.0103
50.3333	0.7048	0.0088	0.0002	0.009
50.3667	0.7288	0.0088	0.0015	0.0103
50.4	0.7512	0.0088	0.0002	0.009
50.4333	0.7772	0	0	0
50.4667	0.7999	0.0088	0.0015	0.0103
50.5	0.822	0.0219	0.0015	0.0235
50.5333	0.848	0.0088	0	0.0088
50.5667	0.8687	0.0219	0.0015	0.0235
50.6	0.8881	0	0	0
50.6333	0.9079	0.0088	0.0028	0.0116
50.6667	0.9303	0.0219	0.0015	0.0235
50.7	0.9517	0.0088	0.0002	0.009
50.7333	0.9721	0.0219	0.0002	0.0221
50.7667	0.9902	0.0219	0.0015	0.0235
50.8	1.0092	0.0219	0	0.0219
50.8333	1.0293	0.0219	0	0.0219
50.8667	1.0484	0.0219	0	0.0219
50.9	1.0682	0.0088	0.0002	0.009
50.9333	1.0846	0.0219	0.0015	0.0235
50.9667	1.1031	0	0.0015	0.0015
51	1.1188	0.0088	0	0.0088
51.0333	1.1396	0.0088	0.0002	0.009
51.0667	1.1531	0	0.0015	0.0015
51.1	1.1735	0.0219	0.0015	0.0235
51.1333	1.187	0	0.0002	0.0002
51.1667	1.2041	0.0219	0.0002	0.0221
51.2	1.2196	0.0088	0	0.0088
51.2333	1.2337	0.0219	0.0002	0.0221
51.2667	1.2515	0.0088	0.0002	0.009
51.3	1.264	0.0088	0.0002	0.009
51.3333	1.2782	0.0351	0	0.0351
51.3667	1.2933	0.0088	0.0002	0.009
51.4	1.3071	0.0088	0.0002	0.009
51.4333	1.3236	0	0.0015	0.0015
51.4667	1.3348	0.0088	0	0.0088
51.5	1.3476	0	0.0002	0.0002
51.5333	1.3637	0	0.0002	0.0002
51.5667	1.3743	0	0.0015	0.0015

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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
51.6	1.3887	0.0088	0.0002	0.009
51.6333	1.4003	0.0219	0.0002	0.0221
51.6667	1.4131	0.0219	0.0002	0.0221
51.7	1.424	0.0219	0.0002	0.0221
51.7333	1.4351	0.0088	0.0002	0.009
51.7667	1.448	0.0219	0.0002	0.0221
51.8	1.4572	0.0219	0.0015	0.0235
51.8333	1.4681	0.0219	0.0015	0.0235
51.8667	1.4766	0.0219	0	0.0219
51.9	1.4855	0.0088	0.0002	0.009
51.9333	1.4983	0.0219	0.0015	0.0235
51.9667	1.5112	0	0.0002	0.0002
52	1.5181	0	0.0002	0.0002
52.0333	1.5326	0.0088	0	0.0088
52.0667	1.5398	0.0088	0.0002	0.009
52.1	1.5484	0.0088	0.0002	0.009
52.1333	1.554	0.0088	0.0015	0.0103
52.1667	1.5648	0.0088	0	0.0088
52.2	1.5711	0.0088	0.0015	0.0103
52.2333	1.5823	0.0088	0	0.0088
52.2667	1.5902	0.0219	0	0.0219
52.3	1.5981	0.0219	0	0.0219
52.3333	1.604	0.0088	0.0015	0.0103
52.3667	1.6106	0.0088	0.0002	0.009
52.4	1.6185	0.0219	0.0015	0.0235
52.4333	1.6254	0.0219	0	0.0219
52.4667	1.6343	0.0088	0.0002	0.009
52.5	1.6376	0	0.0002	0.0002
52.5333	1.6448	0.0088	0.0002	0.009
52.5667	1.653	0	0	0
52.6	1.657	0.0219	0.0002	0.0221
52.6333	1.6527	0.0219	0.0015	0.0235
52.6667	1.6445	0.0088	0.0015	0.0103
52.7	1.6369	0.0088	0	0.0088
52.7333	1.6303	0.0219	0.0015	0.0235
52.7667	1.6234	0.0219	0	0.0219
52.8	1.6162	0	0.0002	0.0002
52.8333	1.6073	0.0219	0.0002	0.0221
52.8667	1.6033	0.0351	0.0002	0.0353
52.9	1.6004	0.0219	0.0015	0.0235
52.9333	1.5912	0.0219	0.0015	0.0235
52.9667	1.5872	0.0088	0.0015	0.0103
53	1.5793	0	0.0002	0.0002



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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
53.0333	1.574	0.0219	0.0002	0.0221
53.0667	1.5721	0.0088	0	0.0088
53.1	1.5668	0.0088	0	0.0088
53.1333	1.5675	0.0088	0.0002	0.009
53.1667	1.5638	0.0088	0.0015	0.0103
53.2	1.5658	0.0219	0.0002	0.0221
53.2333	1.5668	0.0088	0.0002	0.009
53.2667	1.5701	0.0088	0.0002	0.009
53.3	1.5684	0.0219	0.0002	0.0221
53.3333	1.5731	0.0088	0.0002	0.009
53.3667	1.578	0.0219	0.0002	0.0221
53.4	1.579	0	0.0002	0.0002
53.4333	1.58	0.0088	0	0.0088
53.4667	1.5836	0	0	0
53.5	1.5885	0.0088	0	0.0088
53.5333	1.5872	0.0219	0	0.0219
53.5667	1.5918	0.0088	0.0015	0.0103
53.6	1.5941	0	0.0002	0.0002
53.6333	1.5977	0	0.0015	0.0015
53.6667	1.6004	0.0219	0.0002	0.0221
53.7	1.603	0.0088	0.0015	0.0103
53.7333	1.603	0.0351	0.0002	0.0353
53.7667	1.6076	0.0219	0.0002	0.0221
53.8	1.6109	0.0219	0	0.0219
53.8333	1.6116	0.0219	0.0015	0.0235
53.8667	1.6165	0.0088	0.0015	0.0103
53.9	1.6145	0.0219	0.0002	0.0221
53.9333	1.6178	0.0088	0.0002	0.009
53.9667	1.6191	0.0219	0.0002	0.0221
54	1.6198	0.0088	0	0.0088
54.0333	1.6218	0.0219	0.0002	0.0221
54.0667	1.626	0.0219	0.0002	0.0221
54.1	1.6254	0.0088	0	0.0088
54.1333	1.6267	0.0219	0.0002	0.0221
54.1667	1.628	0.0219	0.0002	0.0221
54.2	1.6307	0.0088	0.0002	0.009
54.2333	1.6333	0	0.0002	0.0002
54.2667	1.6372	0.0088	0.0002	0.009
54.3	1.6366	0.0088	0.0015	0.0103
54.3333	1.6346	0.0088	0.0015	0.0103
54.3667	1.6399	0.0219	0.0002	0.0221
54.4	1.6386	0	0.0002	0.0002
54.4333	1.6432	0.0088	0	0.0088

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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
54.4667	1.6432	0.0351	0.0002	0.0353
54.5	1.6386	0	0.0028	0.0028
54.5333	1.6395	0.0088	0.0015	0.0103
54.5667	1.6336	0.0088	0.0002	0.009
54.6	1.6346	0.0088	0	0.0088
54.6333	1.6283	0.0088	0.0002	0.009
54.6667	1.6283	0	0.0002	0.0002
54.7	1.627	0.0351	0	0.0351
54.7333	1.6247	0.0219	0.0015	0.0235
54.7667	1.626	0.0088	0.0002	0.009
54.8	1.6234	0.0088	0.0002	0.009
54.8333	1.6208	0.0351	0.0015	0.0366
54.8667	1.6195	0.0088	0.0015	0.0103
54.9	1.6175	0.0219	0.0002	0.0221
54.9333	1.6155	0.0088	0.0002	0.009
54.9667	1.6162	0.0088	0.0002	0.009
55	1.6155	0.0088	0.0015	0.0103
55.0333	1.6155	0	0.0002	0.0002
55.0667	1.6149	0.0219	0.0015	0.0235
55.1	1.6188	0.0088	0	0.0088
55.1333	1.6155	0.0088	0.0002	0.009
55.1667	1.6188	0.0088	0.0002	0.009
55.2	1.6195	0.0088	0.0015	0.0103
55.2333	1.6198	0.0219	0.0002	0.0221
55.2667	1.6208	0.0219	0	0.0219
55.3	1.6218	0.0088	0.0002	0.009
55.3333	1.6198	0.0088	0.0028	0.0116
55.3667	1.6221	0	0.0002	0.0002
55.4	1.6204	0.0219	0.0015	0.0235
55.4333	1.6234	0.0088	0.0015	0.0103
55.4667	1.6231	0.0351	0.0002	0.0353
55.5	1.627	0.0088	0.0002	0.009
55.5333	1.6254	0.0088	0.0002	0.009
55.5667	1.6228	0.0219	0.0002	0.0221
55.6	1.6237	0.0219	0.0002	0.0221
55.6333	1.6231	0.0088	0.0002	0.009
55.6667	1.6241	0.0219	0.0002	0.0221
55.7	1.6267	0	0.0015	0.0015
55.7333	1.627	0.0088	0.0015	0.0103
55.7667	1.629	0.0219	0	0.0219
55.8	1.6293	0.0088	0.0002	0.009
55.8333	1.6287	0.0351	0.0002	0.0353
55.8667	1.628	0.0219	0.0002	0.0221

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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
55.9	1.631	0.0088	0.0015	0.0103
55.9333	1.627	0	0.0002	0.0002
55.9667	1.6307	0	0.0002	0.0002
56	1.631	0.0351	0.0002	0.0353
56.0333	1.6307	0.0088	0.0015	0.0103
56.0667	1.631	0.0219	0.0015	0.0235
56.1	1.6323	0.0088	0.0015	0.0103
56.1333	1.63	0.0088	0.0015	0.0103
56.1667	1.6349	0.0219	0	0.0219
56.2	1.6346	0	0.0015	0.0015
56.2333	1.6346	0.0088	0.0002	0.009
56.2667	1.6336	0.0088	0.0002	0.009
56.3	1.6346	0.0088	0.0002	0.009
56.3333	1.6316	0.0219	0.0002	0.0221
56.3667	1.6333	0.0088	0.0015	0.0103
56.4	1.6362	0.0219	0	0.0219
56.4333	1.6362	0.0088	0.0002	0.009
56.4667	1.6343	0.0219	0.0002	0.0221
56.5	1.6356	0.0219	0.0002	0.0221
56.5333	1.6356	0.0088	0.0015	0.0103
56.5667	1.6372	0.0088	0.0002	0.009
56.6	1.6366	0.0219	0.0015	0.0235
56.6333	1.6353	0.0219	0.0002	0.0221
56.6667	1.6379	0.0088	0.0002	0.009
56.7	1.6346	0	0.0002	0.0002
56.7333	1.6369	0.0088	0.0002	0.009
56.7667	1.6366	0.0219	0.0015	0.0235
56.8	1.6339	0.0351	0.0002	0.0353
56.8333	1.6379	0.0088	0.0002	0.009
56.8667	1.6372	0.0088	0.0002	0.009
56.9	1.6349	0.0088	0.0002	0.009
56.9333	1.6399	0	0.0002	0.0002
56.9667	1.6376	0.0088	0.0002	0.009
57	1.6392	0.0219	0.0002	0.0221
57.0333	1.6386	0.0219	0.0015	0.0235
57.0667	1.6382	0.0088	0.0015	0.0103
57.1	1.6392	0.0088	0.0028	0.0116
57.1333	1.6399	0.0088	0.0028	0.0116
57.1667	1.6395	0.0219	0	0.0219
57.2	1.6412	0.0219	0.0002	0.0221
57.2333	1.6382	0	0.0002	0.0002
57.2667	1.6379	0.0088	0.0002	0.009
57.3	1.6395	0.0088	0.0015	0.0103

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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
57.3333	1.6392	0.0219	0.0015	0.0235
57.3667	1.6389	0.0219	0.0002	0.0221
57.4	1.6389	0.0219	0	0.0219
57.4333	1.6376	0.0088	0.0015	0.0103
57.4667	1.6402	0.0219	0.0015	0.0235
57.5	1.6399	0.0219	0.0002	0.0221
57.5333	1.6402	0.0088	0.0002	0.009
57.5667	1.5958	0.0219	0.0002	0.0221
57.6	1.5451	0.0219	0	0.0219
57.6333	1.4977	0.0088	0.0002	0.009
57.6667	1.4516	0.0088	0.0002	0.009
57.7	1.4101	0.0088	0.0028	0.0116
57.7333	1.3673	0.0088	0.0015	0.0103
57.7667	1.3219	0	0.0002	0.0002
57.8	1.2808	0.0088	0	0.0088
57.8333	1.2419	0.0088	0.0002	0.009
57.8667	1.2044	0.0351	0.0002	0.0353
57.9	1.1669	0.0088	0.0015	0.0103
57.9333	1.1314	0.0088	0.0002	0.009
57.9667	1.0958	0.0088	0.0002	0.009
58	1.0603	0.0219	0.0015	0.0235
58.0333	1.0257	0.0219	0.0002	0.0221
58.0667	0.9948	0.0088	0.0015	0.0103
58.1	0.9628	0.0088	0.0002	0.009
58.1333	0.9316	0	0	0
58.1667	0.9046	0.0351	0.0002	0.0353
58.2	0.8743	0.0088	0.0002	0.009
58.2333	0.8444	0.0088	0.0002	0.009
58.2667	0.816	0	0	0
58.3	0.7927	0.0219	0.0015	0.0235
58.3333	0.7663	0.0088	0.0002	0.009
58.3667	0.7423	0.0219	0.0015	0.0235
58.4	0.7137	0.0088	0.0015	0.0103
58.4333	0.6943	0.0088	0.0002	0.009
58.4667	0.6702	0.0219	0	0.0219
58.5	0.6495	0	0.0002	0.0002
58.5333	0.6258	0.0088	0	0.0088
58.5667	0.6041	0	0.0015	0.0015
58.6	0.5817	0.0088	0.0015	0.0103
58.6333	0.5633	0.0219	0.0015	0.0235
58.6667	0.5458	0.0088	0.0002	0.009
58.7	0.5274	0.0088	0.0015	0.0103
58.7333	0.5067	0.0088	0.0002	0.009

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58.7667	0.4876	0.0219	0.0002	0.0221
58.8	0.4701	0.0088	0	0.0088
58.8333	0.456	0	0	0
58.8667	0.4379	0.0219	0.0002	0.0221
58.9	0.4221	0.0219	0.0015	0.0235
58.9333	0.4036	0.0219	0	0.0219
58.9667	0.3892	0.0088	0.0002	0.009
59	0.375	0.0088	0.0002	0.009
59.0333	0.3638	0.0088	0.0002	0.009
59.0667	0.3444	0	0.0002	0.0002
59.1	0.3322	0.0219	0.0002	0.0221
59.1333	0.3207	0	0.0015	0.0015
59.1667	0.3059	0.0088	0.0015	0.0103
59.2	0.2931	0.0088	0.0002	0.009
59.2333	0.2838	0.0088	0.0002	0.009
59.2667	0.2713	0.0219	0.0002	0.0221
59.3	0.2601	0.0088	0	0.0088
59.3333	0.2489	0	0.0002	0.0002
59.3667	0.2384	0.0219	0	0.0219
59.4	0.2269	0.0088	0	0.0088
59.4333	0.2164	0.0219	0.0015	0.0235
59.4667	0.2091	0.0088	0.0015	0.0103
59.5	0.1969	0.0219	0.0002	0.0221
59.5333	0.1877	0.0219	0.0015	0.0235
59.5667	0.1782	0.0088	0.0015	0.0103
59.6	0.1729	0.0088	0	0.0088
59.6333	0.1617	0.0351	0.0015	0.0366
59.6667	0.1561	0	0.0015	0.0015
59.7	0.1469	0.0219	0.0002	0.0221
59.7333	0.1417	0.0088	0.0002	0.009
59.7667	0.1301	0.0219	0.0002	0.0221
59.8	0.1245	0.0088	0.0015	0.0103
59.8333	0.117	0.0219	0.0015	0.0235
59.8667	0.1117	0.0219	0.0015	0.0235
59.9	0.1045	0.0219	0	0.0219
59.9333	0.0989	0.0219	0.0015	0.0235
59.9667	0.0962	0.0088	0.0015	0.0103
60	0.0864	0.0351	0.0002	0.0353
60.0333	0.0811	0.0088	0.0002	0.009
60.0667	0.0811	0.0219	0	0.0219
60.1	0.0854	0.0219	0.0015	0.0235
60.1333	0.0854	0.0088	0.0002	0.009
60.1667	0.0883	0.0088	0.0002	0.009

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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
60.2	0.0943	0.0088	0.0002	0.009
60.2333	0.0966	0.0219	0.0015	0.0235
60.2667	0.0982	0.0088	0.0028	0.0116
60.3	0.0969	0.0219	0.0002	0.0221
60.3333	0.1028	0	0	0
60.3667	0.1028	0.0088	0.0015	0.0103
60.4	0.1061	0.0088	0	0.0088
60.4333	0.1068	0.0088	0.0002	0.009
60.4667	0.1104	0.0088	0.0002	0.009
60.5	0.1064	0.0088	0.0002	0.009
60.5333	0.1127	0.0219	0.0002	0.0221
60.5667	0.1147	0.0088	0.0002	0.009
60.6	0.1163	0.0088	0.0015	0.0103
60.6333	0.117	0.0088	0.0002	0.009
60.6667	0.1173	0.0219	0.0015	0.0235
60.7	0.1186	0.0088	0.0015	0.0103
60.7333	0.118	0.0088	0.0002	0.009
60.7667	0.1219	0	0.0002	0.0002
60.8	0.1206	0.0088	0.0015	0.0103
60.8333	0.1212	0.0088	0.0002	0.009
60.8667	0.1216	0	0.0028	0.0028
60.9	0.1239	0.0088	0.0002	0.009
60.9333	0.1252	0.0219	0.0002	0.0221
60.9667	0.1242	0.0088	0.0002	0.009
61	0.1282	0.0088	0.0015	0.0103
61.0333	0.1259	0.0088	0.0015	0.0103
61.0667	0.1265	0.0088	0.0002	0.009
61.1	0.1249	0.0088	0	0.0088
61.1333	0.1265	0.0219	0.0002	0.0221
61.1667	0.1295	0	0.0002	0.0002
61.2	0.1288	0	0.0002	0.0002
61.2333	0.1278	0.0088	0	0.0088
61.2667	0.1305	0.0088	0.0002	0.009
61.3	0.1288	0	0.0002	0.0002
61.3333	0.1305	0.0088	0	0.0088
61.3667	0.1311	0	0.0015	0.0015
61.4	0.1298	0.0088	0.0002	0.009
61.4333	0.1334	0.0088	0.0002	0.009
61.4667	0.1311	0.0088	0.0002	0.009
61.5	0.1311	0.0088	0.0002	0.009
61.5333	0.1308	0.0088	0	0.0088
61.5667	0.1298	0.0088	0.0015	0.0103
61.6	0.1298	0.0351	0.0002	0.0353



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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
61.6333	0.1305	0.0088	0.0002	0.009
61.6667	0.1288	0.0088	0.0015	0.0103
61.7	0.1311	0.0088	0.0002	0.009
61.7333	0.1318	0.0088	0.0002	0.009
61.7667	0.1321	0.0088	0.0028	0.0116
61.8	0.1311	0.0219	0.0002	0.0221
61.8333	0.1314	0	0.0002	0.0002
61.8667	0.1338	0.0088	0	0.0088
61.9	0.1308	0.0219	0	0.0219
61.9333	0.1318	0.0219	0.0015	0.0235
61.9667	0.1328	0.0219	0.0015	0.0235
62	0.1318	0.0219	0.0002	0.0221
62.0333	0.1295	0.0219	0.0002	0.0221
62.0667	0.1298	0.0088	0.0002	0.009
62.1	0.1305	0	0.0015	0.0015
62.1333	0.1311	0.0088	0	0.0088
62.1667	0.1314	0.0088	0.0002	0.009
62.2	0.1318	0.0088	0.0015	0.0103
62.2333	0.1324	0.0088	0.0002	0.009
62.2667	0.1311	0.0088	0.0002	0.009
62.3	0.1291	0.0219	0	0.0219
62.3333	0.1305	0	0.0015	0.0015
62.3667	0.1305	0.0088	0	0.0088
62.4	0.1301	0	0.0002	0.0002
62.4333	0.1295	0.0088	0.0002	0.009
62.4667	0.1288	0.0088	0	0.0088
62.5	0.1288	0.0088	0.0002	0.009
62.5333	0.1285	0	0.0015	0.0015
62.5667	0.1268	0.0351	0.0002	0.0353
62.6	0.1282	0.0088	0	0.0088
62.6333	0.1298	0.0088	0.0002	0.009
62.6667	0.1311	0.0219	0.0002	0.0221
62.7	0.1272	0.0219	0.0002	0.0221
62.7333	0.1298	0.0219	0.0015	0.0235
62.7667	0.1262	0.0219	0.0002	0.0221
62.8	0.1259	0.0088	0.0002	0.009
62.8333	0.1298	0.0219	0.0002	0.0221
62.8667	0.1255	0.0088	0	0.0088
62.9	0.1255	0.0219	0.0002	0.0221
62.9333	0.1278	0.0088	0.0015	0.0103
62.9667	0.1262	0.0088	0	0.0088
63	0.1249	0.0219	0.0015	0.0235
63.0333	0.1288	0.0088	0.0002	0.009

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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
63.0667	0.1295	0.0088	0.0002	0.009
63.1	0.1255	0.0088	0.0002	0.009
63.1333	0.1249	0	0.0002	0.0002
63.1667	0.1235	0.0088	0	0.0088
63.2	0.1239	0.0088	0.0002	0.009
63.2333	0.1242	0.0088	0.0015	0.0103
63.2667	0.1249	0.0088	0.0002	0.009
63.3	0.1232	0.0088	0	0.0088
63.3333	0.1212	0.0088	0.0002	0.009
63.3667	0.1222	0	0.0015	0.0015
63.4	0.1209	0.0088	0.0002	0.009
63.4333	0.1242	0.0219	0	0.0219
63.4667	0.1216	0.0088	0.0015	0.0103
63.5	0.1226	0	0.0002	0.0002
63.5333	0.1229	0.0219	0.0015	0.0235
63.5667	0.1206	0.0219	0.0028	0.0248
63.6	0.1212	0.0088	0	0.0088
63.6333	0.1189	0.0219	0.0028	0.0248
63.6667	0.1219	0.0219	0.0002	0.0221
63.7	0.1222	0	0.0002	0.0002
63.7333	0.1199	0.0219	0.0015	0.0235
63.7667	0.1183	0.0088	0.0002	0.009
63.8	0.1206	0.0088	0.0002	0.009
63.8333	0.1196	0.0219	0.0015	0.0235
63.8667	0.1183	0.0088	0.0002	0.009
63.9	0.1189	0	0	0
63.9333	0.1196	0	0.0002	0.0002
63.9667	0.1209	0	0.0002	0.0002
64	0.1173	0.0088	0.0002	0.009
64.0333	0.1166	0.0088	0	0.0088
64.0667	0.116	0.0219	0	0.0219
64.1	0.1166	0	0.0015	0.0015
64.1333	0.116	0.0088	0.0002	0.009
64.1667	0.1166	0.0219	0.0002	0.0221
64.2	0.1173	0	0.0002	0.0002
64.2333	0.115	0.0219	0.0002	0.0221
64.2667	0.1153	0.0219	0	0.0219
64.3	0.117	0.0219	0	0.0219
64.3333	0.1147	0.0088	0	0.0088
64.3667	0.112	0	0	0
64.4	0.1143	0.0088	0.0002	0.009
64.4333	0.114	0.0088	0.0002	0.009
64.4667	0.1114	0.0088	0.0002	0.009

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64.5	0.1147	0.0088	0.0015	0.0103
64.5333	0.1153	0.0088	0.0002	0.009
64.5667	0.113	0	0.0015	0.0015
64.6	0.1114	0.0088	0.0015	0.0103
64.6333	0.1117	0.0219	0.0002	0.0221
64.6667	0.1117	0	0.0015	0.0015
64.7	0.1127	0.0219	0	0.0219
64.7333	0.1087	0.0088	0.0002	0.009
64.7667	0.112	0.0351	0.0002	0.0353
64.8	0.1124	0.0219	0.0002	0.0221
64.8333	0.1124	0.0088	0.0002	0.009
64.8667	0.1107	0.0088	0.0002	0.009
64.9	0.1084	0.0219	0.0002	0.0221
64.9333	0.1091	0.0351	0	0.0351
64.9667	0.1127	0.0219	0.0015	0.0235
65	0.1097	0.0219	0	0.0219
65.0333	0.1101	0	0.0002	0.0002
65.0667	0.1114	0	0.0002	0.0002
65.1	0.1058	0	0.0002	0.0002
65.1333	0.1087	0.0219	0.0015	0.0235
65.1667	0.1074	0	0	0
65.2	0.1064	0.0219	0.0028	0.0248
65.2333	0.1035	0.0088	0.0015	0.0103
65.2667	0.1064	0.0088	0.0015	0.0103
65.3	0.1051	0.0351	0	0.0351
65.3333	0.1068	0.0088	0	0.0088
65.3667	0.1064	0.0088	0.0002	0.009
65.4	0.1045	0	0.0002	0.0002
65.4333	0.1048	0.0088	0.0015	0.0103
65.4667	0.1054	0	0.0015	0.0015
65.5	0.1054	0.0088	0.0002	0.009
65.5333	0.1058	0.0219	0.0002	0.0221
65.5667	0.1045	0.0219	0.0015	0.0235
65.6	0.1038	0	0.0015	0.0015
65.6333	0.1025	0.0219	0.0015	0.0235
65.6667	0.1015	0.0219	0	0.0219
65.7	0.1038	0.0088	0.0015	0.0103
65.7333	0.1022	0.0088	0.0002	0.009
65.7667	0.1028	0.0219	0.0015	0.0235
65.8	0.0975	0.0219	0.0002	0.0221
65.8333	0.1018	0.0088	0.0002	0.009
65.8667	0.1022	0.0351	0.0002	0.0353
65.9	0.1005	0.0088	0.0028	0.0116

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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
65.9333	0.0999	0.0088	0.0015	0.0103
65.9667	0.1012	0.0088	0.0002	0.009
66	0.1008	0.0219	0.0002	0.0221
66.0333	0.0999	0.0088	0	0.0088
66.0667	0.1025	0.0219	0.0002	0.0221
66.1	0.0982	0.0088	0	0.0088
66.1333	0.1005	0.0088	0.0002	0.009
66.1667	0.1008	0.0088	0.0002	0.009
66.2	0.0979	0.0219	0.0015	0.0235
66.2333	0.0952	0.0088	0	0.0088
66.2667	0.0956	0.0219	0.0015	0.0235
66.3	0.0972	0.0088	0.0002	0.009
66.3333	0.0999	0.0219	0.0015	0.0235
66.3667	0.1005	0.0219	0.0002	0.0221
66.4	0.0966	0.0088	0.0002	0.009
66.4333	0.0966	0.0088	0.0002	0.009
66.4667	0.0972	0.0088	0.0002	0.009
66.5	0.0972	0	0.0002	0.0002
66.5333	0.0962	0.0219	0.0015	0.0235
66.5667	0.0926	0.0088	3.907	3.9158
66.6	0.0929	0.0219	0.0015	0.0235
66.6333	0.0887	0.0219	3.8136	3.8356
66.6667	0.0827	0.0088	3.5861	3.5949
66.7	0.0791	0	3.3994	3.3994
66.7333	0.0801	0.0219	3.2706	3.2925
66.7667	0.0788	0	3.1575	3.1575
66.8	0.0771	0.0219	3.0786	3.1005
66.8333	0.0752	0.0219	2.9997	3.0216
66.8667	0.0706	0.0088	2.9339	2.9427
66.9	0.0715	0.0088	2.8603	2.8691
66.9333	0.0706	0.0088	2.7866	2.7954
66.9667	0.065	0.0219	2.7643	2.7862
67	0.0686	0	2.7156	2.7156
67.0333	0.0636	0.0219	2.6657	2.6876
67.0667	0.061	0.0088	2.6183	2.6271
67.1	0.0597	0.0088	2.5697	2.5784
67.1333	0.0577	0.0219	2.5197	2.5416
67.1667	0.059	0.0088	2.4763	2.4851
67.2	0.0541	0.0088	2.4316	2.4404
67.2333	0.0528	0.0088	2.3935	2.4022
67.2667	0.0502	0.0088	2.3501	2.3588
67.3	0.0492	0.0088	2.3106	2.3194
67.3333	0.0502	0.0088	2.2607	2.2694

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67.3667	0.0488	0	2.2252	2.2252
67.4	0.0462	0.0088	2.1804	2.1892
67.4333	0.0482	0.0351	2.1423	2.1774
67.4667	0.0442	0	2.1042	2.1042
67.5	0.0423	0.0219	2.0713	2.0932
67.5333	0.0393	0.0219	2.024	2.0459
67.5667	0.0393	0.0088	1.9924	2.0012
67.6	0.0403	0	1.9582	1.9582
67.6333	0.0373	0	1.9293	1.9293
67.6667	0.0373	0.0482	1.8938	1.942
67.7	0.0357	0.0088	1.8596	1.8684
67.7333	0.034	0.0088	1.8215	1.8302
67.7667	0.036	0.0088	1.7938	1.8026
67.8	0.0321	0.0219	1.7702	1.7921
67.8333	0.034	0	1.7373	1.7373
67.8667	0.034	0.0088	1.7071	1.7158
67.9	0.0281	0.0088	1.6755	1.6843
67.9333	0.0265	0.0088	1.6492	1.658
67.9667	-0.0193	0.0088	1.6229	1.6317
68	-0.0203	0.0088	1.6019	1.6106
68.0333	-0.0229	0.0088	1.5808	1.5896
68.0667	-0.0706	0	1.5558	1.5558
68.1	-0.0673	0.0088	1.5308	1.5396
68.1333	-0.0687	0.0088	1.5045	1.5133
68.1667	-0.0631	0	1.4782	1.4782
68.2	-0.0667	0.0351	1.4572	1.4923
68.2333	-0.0637	0.0088	1.427	1.4357
68.2667	-0.0614	0.0088	1.4059	1.4147
68.3	-0.0618	0.0088	1.3862	1.395
68.3333	-0.0627	0.0219	1.3599	1.3818
68.3667	-0.0611	0.0088	1.3375	1.3463
68.4	-0.0604	0	1.3099	1.3099
68.4333	-0.0591	0.0219	1.2876	1.3095
68.4667	-0.0585	0.0088	1.2731	1.2819
68.5	-0.0598	0.0088	1.2508	1.2595
68.5333	-0.0575	0.0219	1.2416	1.2635
68.5667	-0.0578	0.0088	1.2113	1.2201
68.6	-0.0565	0.0088	1.1876	1.1964
68.6333	-0.0585	0.0088	1.1732	1.1819
68.6667	-0.0558	0.0088	1.1508	1.1596
68.7	-0.0568	0.0219	1.1311	1.153
68.7333	-0.0545	0.0088	1.1179	1.1267
68.7667	-0.0525	0	1.0995	1.0995

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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
68.8	-0.0545	0.0219	1.0798	1.1017
68.8333	-0.0545	0.0219	1.0667	1.0886
68.8667	-0.0506	0.0482	1.0456	1.0938
68.9	-0.0542	0.0088	1.0351	1.0439
68.9333	-0.0515	0.0088	1.0127	1.0215
68.9667	-0.0512	0.0088	1.0049	1.0136
69	-0.0502	0.0088	0.9891	0.9978
69.0333	-0.0499	0.0088	0.9707	0.9794
69.0667	-0.0486	0.0219	0.9549	0.9768
69.1	-0.0483	0.0219	0.9404	0.9623
69.1333	-0.0512	0	0.9233	0.9233
69.1667	-0.0489	0.0219	0.9115	0.9334
69.2	-0.0466	0.0088	0.8878	0.8966
69.2333	-0.0479	0.0088	0.8786	0.8874
69.2667	-0.046	0.0088	0.872	0.8808
69.3	-0.0483	0.0219	0.851	0.8729
69.3333	-0.0466	0.0088	0.8352	0.844
69.3667	-0.0492	0.0088	0.826	0.8348
69.4	-0.0446	0.0088	0.8089	0.8177
69.4333	-0.0466	0.0088	0.8024	0.8111
69.4667	-0.0456	0.0219	0.8037	0.8256
69.5	-0.043	0.0219	0.7866	0.8085
69.5333	-0.0443	0.0088	0.7721	0.7809
69.5667	-0.0433	0.0088	0.7695	0.7782
69.6	-0.0476	0	0.7616	0.7616
69.6333	-0.0446	0.0219	0.7524	0.7743
69.6667	-0.0427	0.0088	0.7392	0.748
69.7	-0.0427	0.0219	0.73	0.7519
69.7333	-0.0413	0.0088	0.7195	0.7283
69.7667	-0.0443	0.0088	0.709	0.7178
69.8	-0.0407	0.0088	0.0002	0.009
69.8333	-0.046	0.0088	0.0015	0.0103
69.8667	-0.0436	0.0219	0.0002	0.0221
69.9	-0.0436	0.0088	0.0015	0.0103
69.9333	-0.046	0.0219	0.0015	0.0235
69.9667	-0.0433	0.0088	0.0002	0.009
70	-0.0446	0.0219	0.0002	0.0221
70.0333	-0.0423	0.0088	0	0.0088
70.0667	-0.045	0.0351	0.0002	0.0353
70.1	-0.0446	0.0088	0.0002	0.009
70.1333	-0.046	0.0088	0.0002	0.009
70.1667	-0.0453	0.0088	0.0015	0.0103
70.2	-0.0466	0.0088	0.0002	0.009



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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
70.2333	-0.0446	0.0088	0.0002	0.009
70.2667	-0.046	0.0088	0.3868	0.3956
70.3	-0.041	0	0.0015	0.0015
70.3333	-0.043	0.0219	0	0.0219
70.3667	-0.044	0.0088	0.0002	0.009
70.4	-0.0446	0.0219	0.0015	0.0235
70.4333	-0.0427	0	0	0
70.4667	-0.0427	0.0088	0	0.0088
70.5	-0.041	0.0088	0	0.0088
70.5333	-0.0404	0.0219	0.0002	0.0221
70.5667	-0.043	0.0219	0.0002	0.0221
70.6	-0.0371	0.0088	0.0002	0.009
70.6333	-0.0384	0.0088	0	0.0088
70.6667	-0.0374	0.0219	0.0015	0.0235
70.7	-0.0374	0	0.0015	0.0015
70.7333	-0.0387	0.0088	0	0.0088
70.7667	-0.0361	0.0219	0.0015	0.0235
70.8	-0.0367	0.0088	0.0002	0.009
70.8333	-0.0381	0.0219	0.0028	0.0248
70.8667	-0.0397	0	0.0002	0.0002
70.9	-0.0394	0.0219	0.0002	0.0221
70.9333	-0.0387	0	0.0002	0.0002
70.9667	-0.0371	0.0088	0.0015	0.0103
71	-0.0374	0.0219	0.0015	0.0235
71.0333	-0.0371	0	0.0015	0.0015
71.0667	-0.0354	0.0088	0.0002	0.009
71.1	-0.0348	0.0219	0	0.0219
71.1333	-0.0358	0.0088	0.0002	0.009
71.1667	-0.0374	0.0088	0.0015	0.0103
71.2	-0.0351	0	0.0002	0.0002
71.2333	-0.0371	0.0219	0	0.0219
71.2667	-0.0338	0	0	0
71.3	-0.0331	0	0.0002	0.0002
71.3333	-0.0358	0.0088	0.0015	0.0103
71.3667	-0.0341	0.0088	0	0.0088
71.4	-0.0334	0	0.0015	0.0015
71.4333	-0.0318	0.0219	0.0002	0.0221
71.4667	-0.0354	0	0.0015	0.0015
71.5	-0.0341	0.0219	0.0002	0.0221
71.5333	-0.0325	0.0088	0	0.0088
71.5667	-0.0351	0.0088	0.0002	0.009
71.6	-0.0315	0.0088	0	0.0088
71.6333	-0.0341	0.0088	0.0015	0.0103

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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
71.6667	-0.0321	0.0088	0.0002	0.009
71.7	-0.0315	0.0088	0.0002	0.009
71.7333	-0.0331	0	0.0002	0.0002
71.7667	-0.0341	0.0088	0.0015	0.0103
71.8	-0.0315	0.0088	0.0002	0.009
71.8333	-0.0305	0.0219	0.0002	0.0221
71.8667	-0.0325	0	0.0002	0.0002
71.9	-0.0305	0.0088	0.0015	0.0103
71.9333	-0.0311	0.0088	0.0002	0.009
71.9667	-0.0295	0.0088	0.0015	0.0103
72	-0.0285	0.0088	0.0002	0.009
72.0333	-0.0318	0.0088	0.0002	0.009
72.0667	-0.0311	0.0088	0.0002	0.009
72.1	-0.0298	0.0088	0.0015	0.0103
72.1333	-0.0298	0.0088	0.0002	0.009
72.1667	-0.0285	0.0088	0.0002	0.009
72.2	-0.0302	0.0088	0.0002	0.009
72.2333	-0.0295	0.0088	0.0015	0.0103
72.2667	-0.0302	0.0219	0	0.0219
72.3	-0.0305	0.0088	0	0.0088
72.3333	-0.0302	0.0219	0.0002	0.0221
72.3667	-0.0295	0.0088	0.0002	0.009
72.4	-0.0305	0.0219	0.0015	0.0235
72.4333	-0.0298	0.0088	0.0002	0.009
72.4667	-0.0275	0.0088	0.0015	0.0103
72.5	-0.0292	0.0088	0.0002	0.009
72.5333	-0.0321	0.0088	0.0002	0.009
72.5667	-0.0288	0	0.0002	0.0002
72.6	-0.0288	0.0219	0.0015	0.0235
72.6333	-0.0279	0.0088	0	0.0088
72.6667	-0.0288	0	0	0
72.7	-0.0292	0.0219	0.0002	0.0221
72.7333	-0.0292	0	0.0015	0.0015
72.7667	-0.0272	0.0219	0.0015	0.0235
72.8	-0.0321	0.0219	0.0015	0.0235
72.8333	-0.0279	0.0219	0	0.0219
72.8667	-0.0308	0.0219	0	0.0219
72.9	-0.0295	0	0.0002	0.0002
72.9333	-0.0275	0.0088	0.0002	0.009
72.9667	-0.0275	0.0088	0.0015	0.0103
73	-0.0292	0.0088	0.0002	0.009
73.0333	-0.0288	0.0219	0.0002	0.0221
73.0667	-0.0295	0	0.0015	0.0015

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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
73.1	-0.0255	0.0088	0	0.0088
73.1333	-0.0255	0.0088	0.0002	0.009
73.1667	-0.0275	0.0088	0	0.0088
73.2	-0.0292	0.0088	0	0.0088
73.2333	-0.0279	0.0219	0.0002	0.0221
73.2667	-0.0282	0.0219	0	0.0219
73.3	-0.0282	0	0.0015	0.0015
73.3333	-0.0269	0	0.0002	0.0002
73.3667	-0.0282	0	0.0002	0.0002
73.4	-0.0285	0.0088	0.0015	0.0103
73.4333	-0.0288	0.0219	0	0.0219
73.4667	-0.0259	0.0088	0.0002	0.009
73.5	-0.0275	0.0219	0.0015	0.0235
73.5333	-0.0288	0.0219	0.0015	0.0235
73.5667	-0.0282	0	0	0
73.6	-0.0272	0	0.0015	0.0015
73.6333	-0.0252	0.0219	0.0015	0.0235
73.6667	-0.0259	0.0088	0.0015	0.0103
73.7	-0.0275	0.0088	0.0002	0.009
73.7333	-0.0295	0	0.0002	0.0002
73.7667	-0.0269	0.0088	0	0.0088
73.8	-0.0279	0.0088	0.0002	0.009
73.8333	-0.0262	0.0219	0.0015	0.0235
73.8667	-0.0255	0.0088	0	0.0088
73.9	-0.0249	0.0219	0.0028	0.0248
73.9333	-0.0262	0.0219	0.0015	0.0235
73.9667	-0.0265	0.0351	0.0002	0.0353
74	-0.0269	0.0219	0.0002	0.0221
74.0333	-0.0269	0.0088	0.0002	0.009
74.0667	-0.0265	0.0088	0.0015	0.0103
74.1	-0.0269	0.0219	0	0.0219
74.1333	-0.0259	0.0219	0.0002	0.0221
74.1667	-0.0246	0.0219	0.0002	0.0221
74.2	-0.0259	0.0088	0.0002	0.009
74.2333	-0.0255	0.0351	0	0.0351
74.2667	-0.0272	0.0219	0.0002	0.0221
74.3	-0.0265	0.0219	0.0002	0.0221
74.3333	-0.0229	0.0219	0.0002	0.0221
74.3667	-0.0262	0.0088	0.0015	0.0103
74.4	-0.0265	0	0.0002	0.0002
74.4333	-0.0285	0.0088	0.0002	0.009
74.4667	-0.0288	0.0088	0.0002	0.009
74.5	-0.0272	0.0088	0.0002	0.009

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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
74.5333	-0.0249	0.0219	0.0002	0.0221
74.5667	-0.0223	0.0088	0.0002	0.009
74.6	-0.0236	0.0088	0	0.0088
74.6333	-0.0279	0.0088	0.0015	0.0103
74.6667	-0.0232	0.0219	0.0002	0.0221
74.7	-0.0242	0.0219	0.0002	0.0221
74.7333	-0.0265	0	0.0002	0.0002
74.7667	-0.0252	0.0351	0	0.0351
74.8	-0.0252	0.0088	0.0015	0.0103
74.8333	-0.0275	0.0088	0.0015	0.0103
74.8667	-0.0239	0.0088	0	0.0088
74.9	-0.0242	0	0.0002	0.0002
74.9333	-0.0252	0.0088	0.0002	0.009
74.9667	-0.0259	0.0219	0.0002	0.0221
75	-0.0229	0.0088	0.0015	0.0103
75.0333	-0.0262	0.0088	0.0015	0.0103
75.0667	-0.0252	0.0088	0.0002	0.009
75.1	-0.0229	0.0088	0.0002	0.009
75.1333	-0.0242	0.0351	0.0002	0.0353
75.1667	-0.0255	0.0219	0.0002	0.0221
75.2	-0.0246	0.0088	0.0015	0.0103
75.2333	-0.0242	0	0.0002	0.0002
75.2667	-0.0216	0.0088	0	0.0088
75.3	-0.0272	0.0351	0	0.0351
75.3333	-0.0226	0.0088	0.0002	0.009
75.3667	-0.0232	0.0088	0.0002	0.009
75.4	-0.0255	0.0088	0.0002	0.009
75.4333	-0.0252	0.0219	0	0.0219
75.4667	-0.0242	0.0219	0.0002	0.0221
75.5	-0.0232	0.0219	0.0002	0.0221
75.5333	-0.0262	0.0219	0.0002	0.0221
75.5667	-0.0269	0.0219	0.0002	0.0221
75.6	-0.0229	0.0351	0.0028	0.0379
75.6333	-0.0232	0.0219	0.0002	0.0221
75.6667	-0.0259	0.0088	0.0002	0.009
75.7	-0.0255	0	0.0002	0.0002
75.7333	-0.0265	0.0088	0.0002	0.009
75.7667	-0.0232	0.0219	0.0015	0.0235
75.8	-0.0259	0	0.0015	0.0015
75.8333	-0.0239	0.0088	0.0002	0.009
75.8667	-0.0262	0.0088	0	0.0088
75.9	-0.0223	0.0088	0.0002	0.009
75.9333	-0.0265	0.0088	0	0.0088

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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
75.9667	-0.0236	0.0219	0.0002	0.0221
76	-0.0236	0	0.0002	0.0002
76.0333	-0.0236	0	0.0015	0.0015
76.0667	-0.0239	0	0	0
76.1	-0.0255	0.0088	0.0015	0.0103
76.1333	-0.0239	0.0088	0	0.0088
76.1667	-0.0242	0.0088	0.0002	0.009
76.2	-0.0246	0.0219	0	0.0219
76.2333	-0.0236	0.0088	0.0002	0.009
76.2667	-0.0259	0.0088	0	0.0088
76.3	-0.0252	0.0088	0	0.0088
76.3333	-0.0236	0	0.0002	0.0002
76.3667	-0.0242	0.0088	0.0015	0.0103
76.4	-0.0246	0.0088	0.0015	0.0103
76.4333	-0.0262	0.0088	0.0002	0.009
76.4667	-0.0229	0.0219	0.0015	0.0235
76.5	-0.0252	0.0088	0.0015	0.0103
76.5333	-0.0269	0.0088	0.0002	0.009
76.5667	-0.0242	0.0219	0.0002	0.0221
76.6	-0.0236	0.0219	0.0002	0.0221
76.6333	-0.0249	0.0219	0.0015	0.0235
76.6667	-0.0246	0.0219	0	0.0219
76.7	-0.0255	0.0219	0	0.0219
76.7333	-0.0226	0.0219	0.0015	0.0235
76.7667	-0.0249	0.0219	0.0015	0.0235
76.8	-0.0269	0.0219	0.0015	0.0235
76.8333	-0.0223	0.0219	0.0002	0.0221
76.8667	-0.0246	0	0	0
76.9	-0.0153	0.0088	0.0002	0.009
76.9333	0.0156	0.0088	0	0.0088
76.9667	0.0613	0	0.0002	0.0002
77	0.1018	0.0088	0	0.0088
77.0333	0.1433	0.0351	0.0002	0.0353
77.0667	0.1871	0.0088	0.0002	0.009
77.1	0.2216	0.0088	0.0002	0.009
77.1333	0.2598	0.0219	0.0015	0.0235
77.1667	0.297	0.0088	0	0.0088
77.2	0.3286	0	0.0002	0.0002
77.2333	0.3638	0.0088	0.0015	0.0103
77.2667	0.3974	0.0088	0.0015	0.0103
77.3	0.427	0.0088	0.0002	0.009
77.3333	0.4583	0.0219	0.0002	0.0221
77.3667	0.4892	0.0219	0.0002	0.0221

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77.4	0.5155	0.0351	0.0015	0.0366
77.4333	0.5452	0.0088	0	0.0088
77.4667	0.5751	0	0.0015	0.0015
77.5	0.6008	0.0219	0	0.0219
77.5333	0.6258	0	0.0015	0.0015
77.5667	0.6508	0.0219	0.0028	0.0248
77.6	0.6735	0.0219	0.0015	0.0235
77.6333	0.7022	0.0219	0.0015	0.0235
77.6667	0.7222	0	0	0
77.7	0.7456	0.0088	0.0015	0.0103
77.7333	0.7631	0.0088	0.0002	0.009
77.7667	0.7881	0.0088	0.0002	0.009
77.8	0.8105	0.0219	0.0015	0.0235
77.8333	0.8276	0.0219	0.826	0.8479
77.8667	0.8476	0.0351	0.8365	0.8716
77.9	0.8657	0.0088	0.8352	0.844
77.9333	0.8868	0.0088	0.8457	0.8545
77.9667	0.9043	0.0219	0.8576	0.8795
78	0.921	0.0219	0.8576	0.8795
78.0333	0.9349	0.0088	0.8628	0.8716
78.0667	0.9523	0.0088	0.8628	0.8716
78.1	0.9684	0.0088	0.8707	0.8795
78.1333	0.9856	0.0219	0.8642	0.8861
78.1667	1.0007	0	0.8628	0.8628
78.2	1.0142	0	0.8602	0.8602
78.2333	1.0303	0.0088	0.8642	0.8729
78.2667	1.0438	0.0219	0.8563	0.8782
78.3	1.0596	0.0219	0.8497	0.8716
78.3333	1.0721	0.0088	0.8365	0.8453
78.3667	1.0879	0	0.8339	0.8339
78.4	1.0975	0	0.8313	0.8313
78.4333	1.1096	0.0088	0.8208	0.8295
78.4667	1.1225	0.0088	0.8155	0.8243
78.5	1.136	0	0.8142	0.8142
78.5333	1.1445	0.0219	0.8024	0.8243
78.5667	1.1564	0.0088	0.7945	0.8032
78.6	1.1705	0.0088	0.7879	0.7967
78.6333	1.1804	0.0219	0.7774	0.7993
78.6667	1.1886	0.0088	0.7682	0.7769
78.7	1.1959	0	0.7655	0.7655
78.7333	1.2084	0.0088	0.7563	0.7651
78.7667	1.2179	0.0088	0.7458	0.7546
78.8	1.2268	0.0088	0.7405	0.7493



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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
78.8333	1.2334	0.0088	0.7313	0.7401
78.8667	1.2452	0.0219	0.7182	0.7401
78.9	1.2512	0.0088	0.7103	0.7191
78.9333	1.2581	0.0088	0.7156	0.7243
78.9667	1.2663	0.0219	0.709	0.7309
79	1.2745	0.0219	0.705	0.727
79.0333	1.2808	0.0088	0.6945	0.7033
79.0667	1.2884	0.0219	0.6787	0.7007
79.1	1.2953	0.0088	0.6801	0.6888
79.1333	1.3005	0.0088	0.6735	0.6823
79.1667	1.3094	0	0.663	0.663
79.2	1.317	0.0219	0.6564	0.6783
79.2333	1.3206	0.0088	0.6498	0.6586
79.2667	1.3278	0.0088	0.6419	0.6507
79.3	1.3328	0.0219	0.6354	0.6573
79.3333	1.339	0.0088	0.6275	0.6362
79.3667	1.3443	0.0088	0.6288	0.6375
79.4	1.3476	0.0088	0.6143	0.6231
79.4333	1.3502	0.0088	0.613	0.6218
79.4667	1.3545	0.0351	0.6012	0.6362
79.5	1.3618	0.0088	0.5959	0.6047
79.5333	1.3627	0.0219	0.5933	0.6152
79.5667	1.3713	0.0219	0.588	0.6099
79.6	1.3756	0.0088	0.5906	0.5994
79.6333	1.3799	0.0088	0.5841	0.5928
79.6667	1.3845	0.0219	0.5749	0.5968
79.7	1.3858	0.0088	0.563	0.5718
79.7333	1.3897	0.0088	0.563	0.5718
79.7667	1.3924	0	0.5551	0.5551
79.8	1.396	0.0219	0.5472	0.5692
79.8333	1.4016	0.0088	0.5354	0.5442
79.8667	1.4029	0.0088	0.5341	0.5429
79.9	1.4075	0.0088	0.5354	0.5442
79.9333	1.4075	0.0219	0.5328	0.5547
79.9667	1.4105	0.0219	0.5275	0.5494
80	1.4147	0.0088	0.5223	0.531
80.0333	1.417	0.0088	0.5223	0.531
80.0667	1.4213	0.0219	0.5065	0.5284
80.1	1.4256	0.0088	0.5052	0.5139
80.1333	1.4253	0.0088	0.5078	0.5166
80.1667	1.4305	0.0088	0.5012	0.51
80.2	1.4282	0.0088	0.496	0.5047
80.2333	1.4332	0	0.4881	0.4881

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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
80.2667	1.4325	0.0219	0.4868	0.5087
80.3	1.4358	0.0088	0.4815	0.4903
80.3333	1.4381	0.0088	0.471	0.4797
80.3667	1.4424	0.0088	0.4723	0.4811
80.4	1.4454	0.0219	0.4657	0.4876
80.4333	1.4434	0.0219	0.4591	0.4811
80.4667	1.4473	0	0.4513	0.4513
80.5	1.4486	0.0088	0.4605	0.4692
80.5333	1.4463	0	0.4578	0.4578
80.5667	1.4516	0.0088	0.4434	0.4521
80.6	1.4516	0.0088	0.4473	0.4561
80.6333	1.4526	0.0088	0.4421	0.4508
80.6667	1.4585	0.0088	0.4421	0.4508
80.7	1.4588	0	0.4342	0.4342
80.7333	1.4585	0.0219	0.4276	0.4495
80.7667	1.4635	0.0088	0.4289	0.4377
80.8	1.4595	0.0219	0.421	0.4429
80.8333	1.4638	0.0219	0.4144	0.4364
80.8667	1.4661	0.0219	0.4118	0.4337
80.9	1.4658	0.0219	0.4171	0.439
80.9333	1.4654	0.0088	0.4105	0.4193
80.9667	1.4681	0	0.4131	0.4131
81	1.4694	0.0219	0.4118	0.4337
81.0333	1.4681	0.0088	0.4013	0.4101
81.0667	1.469	0.0219	0.4052	0.4271
81.1	1.4727	0.0088	0.3987	0.4074
81.1333	1.473	0.0219	0.3934	0.4153
81.1667	1.4753	0.0219	0.3842	0.4061
81.2	1.4756	0	0.3802	0.3802
81.2333	1.4769	0.0219	0.375	0.3969
81.2667	1.4773	0.0088	0.3724	0.3811
81.3	1.4769	0.0088	0.3697	0.3785
81.3333	1.4779	0.0088	0.371	0.3798
81.3667	1.4806	0.0351	0.3697	0.4048
81.4	1.4819	0.0219	0.3671	0.389
81.4333	1.4878	0.0088	0.371	0.3798
81.4667	1.4901	0.0219	0.3671	0.389
81.5	1.4878	0.0088	0.3763	0.3851
81.5333	1.4941	0.0088	0.3592	0.368
81.5667	1.4964	0	0.3671	0.3671
81.6	1.5	0.0219	0.3645	0.3864
81.6333	1.496	0.0219	0.3632	0.3851
81.6667	1.5016	0.0088	0.371	0.3798

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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
81.7	1.5043	0.0088	0.3618	0.3706
81.7333	1.5056	0.0219	0.3618	0.3838
81.7667	1.5076	0.0088	0.3579	0.3667
81.8	1.5112	0.0088	0.3645	0.3732
81.8333	1.5125	0.0351	0.3684	0.4035
81.8667	1.5141	0.0088	0.3592	0.368
81.9	1.5151	0.0088	0.3632	0.3719
81.9333	1.5141	0.0219	0.3632	0.3851
81.9667	1.5191	0.0351	0.3618	0.3969
82	1.5184	0.0088	0.3658	0.3745
82.0333	1.5204	0	0.3592	0.3592
82.0667	1.5227	0.0219	0.3539	0.3759
82.1	1.522	0.0219	0.3539	0.3759
82.1333	1.5237	0	0.3579	0.3579
82.1667	1.5224	0.0088	0.3566	0.3653
82.2	1.5194	0.0088	0.3579	0.3667
82.2333	1.5253	0.0088	0.3539	0.3627
82.2667	1.5253	0.0088	0.3487	0.3575
82.3	1.5266	0.0219	0.3513	0.3732
82.3333	1.5293	0	0.3526	0.3526
82.3667	1.5293	0.0219	0.3513	0.3732
82.4	1.5309	0	0.3539	0.3539
82.4333	1.5322	0.0219	0.3513	0.3732
82.4667	1.5322	0.0088	0.3474	0.3561
82.5	1.5322	0.0088	0.3461	0.3548
82.5333	1.5299	0.0219	0.3513	0.3732
82.5667	1.5368	0.0088	0.3434	0.3522
82.6	1.5345	0.0088	0.3434	0.3522
82.6333	1.5345	0	0.3421	0.3421
82.6667	1.5382	0	0.3395	0.3395
82.7	1.5388	0.0088	0.3421	0.3509
82.7333	1.5375	0.0219	0.3447	0.3667
82.7667	1.5368	0	0.3408	0.3408
82.8	1.5382	0.0088	0.3355	0.3443
82.8333	1.5401	0.0219	0.3329	0.3548
82.8667	1.5401	0.0219	0.3329	0.3548
82.9	1.5405	0.0088	0.3276	0.3364
82.9333	1.5405	0.0219	0.329	0.3509
82.9667	1.5438	0	0.3355	0.3355
83	1.5431	0.0219	0.3408	0.3627
83.0333	1.549	0	0.3369	0.3369
83.0667	1.5513	0	0.3355	0.3355
83.1	1.5523	0.0088	0.3434	0.3522

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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
83.1333	1.5573	0.0219	0.3487	0.3706
83.1667	1.5553	0.0088	0.35	0.3588
83.2	1.5569	0.0088	0.3408	0.3496
83.2333	1.5599	0.0219	0.3408	0.3627
83.2667	1.5609	0.0088	0.3447	0.3535
83.3	1.5622	0.0351	0.3474	0.3824
83.3333	1.5668	0.0219	0.3474	0.3693
83.3667	1.5671	0.0088	0.3487	0.3575
83.4	1.5694	0.0088	0.3526	0.3614
83.4333	1.5721	0.0088	0.3526	0.3614
83.4667	1.5694	0	0.3487	0.3487
83.5	1.5701	0.0219	0.3526	0.3745
83.5333	1.5747	0.0219	0.3487	0.3706
83.5667	1.575	0.0088	0.3461	0.3548
83.6	1.5757	0.0219	0.3566	0.3785
83.6333	1.579	0.0088	0.3553	0.364
83.6667	1.5826	0.0219	0.3513	0.3732
83.7	1.5823	0.0351	0.3592	0.3943
83.7333	1.5895	0.0088	0.3645	0.3732
83.7667	1.5872	0.0088	0.3566	0.3653
83.8	1.5918	0.0219	0.3605	0.3824
83.8333	1.5908	0.0351	0.3697	0.4048
83.8667	1.5951	0.0088	0.371	0.3798
83.9	1.5954	0.0088	0.3645	0.3732
83.9333	1.5974	0.0219	0.371	0.393
83.9667	1.5961	0.0088	0.3658	0.3745
84	1.601	0.0088	0.3632	0.3719
84.0333	1.603	0.0088	0.3697	0.3785
84.0667	1.6053	0.0219	0.371	0.393
84.1	1.6043	0.0088	0.3697	0.3785
84.1333	1.6056	0.0219	0.375	0.3969
84.1667	1.6053	0.0219	0.3737	0.3956
84.2	1.6083	0.0088	0.3724	0.3811
84.2333	1.6056	0	0.375	0.375
84.2667	1.6099	0.0088	0.3789	0.3877
84.3	1.6112	0.0088	0.3776	0.3864
84.3333	1.6129	0.0088	0.3684	0.3772
84.3667	1.6129	0.0219	0.371	0.393
84.4	1.6155	0.0219	0.3645	0.3864
84.4333	1.6152	0.0219	0.3618	0.3838
84.4667	1.6135	0.0088	0.3671	0.3759
84.5	1.6175	0.0088	0.3632	0.3719
84.5333	1.6168	0.0088	0.3645	0.3732

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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
84.5667	1.6152	0.0088	0.3592	0.368
84.6	1.6188	0.0219	0.3618	0.3838
84.6333	1.6188	0.0219	0.3592	0.3811
84.6667	1.6172	0.0088	0.3618	0.3706
84.7	1.6201	0.0351	0.3605	0.3956
84.7333	1.6191	0.0219	0.3632	0.3851
84.7667	1.6204	0.0088	0.3671	0.3759
84.8	1.6241	0.0219	0.3632	0.3851
84.8333	1.6247	0.0219	0.3684	0.3903
84.8667	1.6195	0.0088	0.3645	0.3732
84.9	1.6224	0.0088	0.3671	0.3759
84.9333	1.6211	0.0219	0.3579	0.3798
84.9667	1.6251	0.0088	0.3697	0.3785
85	1.6257	0.0219	0.3658	0.3877
85.0333	1.6247	0.0219	0.3618	0.3838
85.0667	1.626	0.0088	0.3605	0.3693
85.1	1.6224	0.0088	0.3632	0.3719
85.1333	1.628	0.0088	0.3632	0.3719
85.1667	1.6254	0.0219	0.3592	0.3811
85.2	1.627	0.0088	0.3592	0.368
85.2333	1.6247	0.0219	0.3605	0.3824
85.2667	1.6234	0.0088	0.3592	0.368
85.3	1.6293	0.0219	0.3592	0.3811
85.3333	1.626	0.0088	0.3618	0.3706
85.3667	1.6283	0.0088	0.3605	0.3693
85.4	1.6274	0.0088	0.3592	0.368
85.4333	1.627	0.0088	0.3605	0.3693
85.4667	1.627	0.0088	0.3632	0.3719
85.5	1.629	0.0219	0.3592	0.3811
85.5333	1.6283	0.0219	0.3592	0.3811
85.5667	1.627	0.0219	0.3605	0.3824
85.6	1.628	0.0219	0.35	0.3719
85.6333	1.628	0	0.3553	0.3553
85.6667	1.6264	0.0088	0.3526	0.3614
85.7	1.627	0.0219	0.35	0.3719
85.7333	1.628	0.0088	0.3434	0.3522
85.7667	1.6283	0.0219	0.3461	0.368
85.8	1.6267	0.0088	0.3474	0.3561
85.8333	1.6293	0.0088	0.3434	0.3522
85.8667	1.6293	0.0088	0.3434	0.3522
85.9	1.629	0.0088	0.3421	0.3509
85.9333	1.6307	0.0219	0.3487	0.3706
85.9667	1.6257	0.0219	0.3513	0.3732

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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
86	1.63	0.0351	0.3539	0.389
86.0333	1.6307	0	0.3579	0.3579
86.0667	1.629	0.0088	0.3579	0.3667
86.1	1.628	0.0219	0.3513	0.3732
86.1333	1.63	0.0219	0.3526	0.3745
86.1667	1.6283	0.0088	0.3592	0.368
86.2	1.6293	0.0088	0.3539	0.3627
86.2333	1.6257	0.0088	0.3566	0.3653
86.2667	1.628	0.0088	0.3513	0.3601
86.3	1.629	0	0.35	0.35
86.3333	1.628	0.0088	0.3539	0.3627
86.3667	1.6307	0.0219	0.3513	0.3732
86.4	1.6277	0.0088	0.3474	0.3561
86.4333	1.6277	0.0219	0.3513	0.3732
86.4667	1.632	0.0088	0.3474	0.3561
86.5	1.63	0.0219	0.3461	0.368
86.5333	1.627	0	0.3526	0.3526
86.5667	1.628	0.0219	0.35	0.3719
86.6	1.632	0.0088	0.3513	0.3601
86.6333	1.6313	0.0088	0.3461	0.3548
86.6667	1.6293	0.0219	0.3474	0.3693
86.7	1.6297	0	0.3461	0.3461
86.7333	1.6267	0.0088	0.3447	0.3535
86.7667	1.629	0.0351	0.3434	0.3785
86.8	1.6277	0.0088	0.3461	0.3548
86.8333	1.6303	0.0088	0.3447	0.3535
86.8667	1.6274	0.0088	0.3487	0.3575
86.9	1.63	0.0351	0.3487	0.3838
86.9333	1.6283	0.0088	0.3526	0.3614
86.9667	1.6287	0.0088	0.35	0.3588
87	1.6283	0.0219	0.3513	0.3732
87.0333	1.6267	0.0351	0.3487	0.3838
87.0667	1.6297	0.0219	0.3447	0.3667
87.1	1.6297	0.0088	0.3487	0.3575
87.1333	1.6254	0.0351	0.3461	0.3811
87.1667	1.6274	0.0219	0.35	0.3719
87.2	1.6254	0.0219	0.3421	0.364
87.2333	1.626	0	0.3421	0.3421
87.2667	1.628	0.0219	0.3513	0.3732
87.3	1.6257	0.0088	0.3474	0.3561
87.3333	1.6283	0	0.3474	0.3474
87.3667	1.6274	0	0.3421	0.3421
87.4	1.6274	0.0088	0.35	0.3588



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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
87.4333	1.6274	0.0088	0.3487	0.3575
87.4667	1.6303	0.0219	0.3421	0.364
87.5	1.6267	0.0219	0.3408	0.3627
87.5333	1.6267	0.0219	0.3474	0.3693
87.5667	1.6254	0	0.3487	0.3487
87.6	1.6251	0.0219	0.3421	0.364
87.6333	1.6267	0.0088	0.3474	0.3561
87.6667	1.626	0.0088	0.3513	0.3601
87.7	1.6267	0.0219	0.3474	0.3693
87.7333	1.6231	0	0.3434	0.3434
87.7667	1.6267	0	0.3408	0.3408
87.8	1.6237	0.0088	0.3434	0.3522
87.8333	1.6241	0.0088	0.3461	0.3548
87.8667	1.6221	0.0351	0.3434	0.3785
87.9	1.6241	0.0219	0.3434	0.3653
87.9333	1.6221	0.0219	0.3395	0.3614
87.9667	1.6224	0.0219	0.3461	0.368
88	1.6274	0.0219	0.3408	0.3627
88.0333	1.6247	0.0088	0.3461	0.3548
88.0667	1.6208	0.0219	0.3434	0.3653
88.1	1.6251	0.0088	0.35	0.3588
88.1333	1.6234	0.0088	0.3474	0.3561
88.1667	1.6231	0.0219	0.3461	0.368
88.2	1.6237	0.0088	0.3447	0.3535
88.2333	1.6241	0.0219	0.3513	0.3732
88.2667	1.6241	0.0088	0.3421	0.3509
88.3	1.6228	0.0088	0.3447	0.3535
88.3333	1.6247	0	0.3421	0.3421
88.3667	1.6214	0.0219	0.3421	0.364
88.4	1.6214	0.0219	0.3369	0.3588
88.4333	1.6214	0.0219	0.3408	0.3627
88.4667	1.6208	0.0219	0.3355	0.3575
88.5	1.6247	0.0088	0.3316	0.3404
88.5333	1.6234	0.0088	0.3303	0.339
88.5667	1.6201	0.0219	0.3316	0.3535
88.6	1.6214	0	0.3342	0.3342
88.6333	1.6181	0.0219	0.3421	0.364
88.6667	1.6195	0	0.3408	0.3408
88.7	1.6198	0.0219	0.3408	0.3627
88.7333	1.6208	0.0219	0.3342	0.3561
88.7667	1.6198	0.0088	0.329	0.3377
88.8	1.6178	0	0.329	0.329
88.8333	1.6221	0.0088	0.329	0.3377

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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
88.8667	1.6208	0	0.3369	0.3369
88.9	1.6208	0	0.3342	0.3342
88.9333	1.6195	0.0088	0.3382	0.3469
88.9667	1.6172	0.0088	0.3369	0.3456
89	1.6178	0.0219	0.3342	0.3561
89.0333	1.6191	0.0219	0.3303	0.3522
89.0667	1.6195	0.0219	0.3263	0.3482
89.1	1.6175	0.0219	0.325	0.3469
89.1333	1.6181	0.0088	0.3303	0.339
89.1667	1.6195	0.0219	0.325	0.3469
89.2	1.6195	0.0088	0.3263	0.3351
89.2333	1.6211	0.0088	0.3184	0.3272
89.2667	1.6168	0.0219	0.3211	0.343
89.3	1.6165	0	0.3171	0.3171
89.3333	1.6175	0.0088	0.3224	0.3312
89.3667	1.6165	0.0088	0.3224	0.3312
89.4	1.6172	0.0088	0.3211	0.3298
89.4333	1.6181	0.0219	0.3079	0.3298
89.4667	1.6162	0.0219	0.3145	0.3364
89.5	1.6198	0.0088	0.3158	0.3246
89.5333	1.6165	0.0088	0.3132	0.3219
89.5667	1.6149	0.0219	0.3145	0.3364
89.6	1.6172	0.0351	0.3211	0.3561
89.6333	1.6142	0.0351	0.3184	0.3535
89.6667	1.6162	0.0219	0.3158	0.3377
89.7	1.6145	0.0088	0.304	0.3127
89.7333	1.6162	0.0219	0.304	0.3259
89.7667	1.6185	0	0.3106	0.3106
89.8	1.6152	0.0088	0.3106	0.3193
89.8333	1.6162	0.0219	0.3066	0.3285
89.8667	1.5912	0.0351	0.0002	0.0353
89.9	1.5303	0.0088	0.0002	0.009
89.9333	1.4625	0.0219	0.0015	0.0235
89.9667	1.3983	0.0219	0.0002	0.0221
90	1.34	0.0219	0.0002	0.0221
90.0333	1.2791	0.0088	0.0002	0.009
90.0667	1.2268	0.0351	0.0002	0.0353
90.1	1.1735	0.0088	0.0002	0.009
90.1333	1.1218	0.0219	0.0002	0.0221
90.1667	1.0721	0	0.0002	0.0002
90.2	1.0241	0.0219	0	0.0219
90.2333	0.9786	0.0351	0.0015	0.0366
90.2667	0.9385	0.0351	0.0015	0.0366

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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
90.3	0.8967	0.0219	0.0015	0.0235
90.3333	0.8585	0.0219	0.0002	0.0221
90.3667	0.8174	0.0088	0	0.0088
90.4	0.7802	0.0219	0	0.0219
90.4333	0.745	0.0088	0.0015	0.0103
90.4667	0.712	0.0088	0.0015	0.0103
90.5	0.6841	0.0351	0	0.0351
90.5333	0.6492	0.0088	0.0002	0.009
90.5667	0.6186	0.0088	0.0002	0.009
90.6	0.5922	0.0219	0.0002	0.0221
90.6333	0.5643	0.0219	0.0002	0.0221
90.6667	0.5363	0.0219	0.0002	0.0221
90.7	0.5113	0.0088	0.0015	0.0103
90.7333	0.4859	0.0088	0.0015	0.0103
90.7667	0.4642	0.0219	0.0028	0.0248
90.8	0.4425	0.0088	0.0015	0.0103
90.8333	0.4234	0.0088	0.0015	0.0103
90.8667	0.3997	0.0088	0.0002	0.009
90.9	0.3806	0.0088	0.0002	0.009
90.9333	0.3641	0.0088	0.0002	0.009
90.9667	0.3444	0	0.0015	0.0015
91	0.3256	0.0219	0.0015	0.0235
91.0333	0.3121	0.0088	0	0.0088
91.0667	0.2917	0.0088	0.0002	0.009
91.1	0.2805	0.0088	0.0002	0.009
91.1333	0.2621	0.0219	0.0002	0.0221
91.1667	0.2509	0.0219	0.0002	0.0221
91.2	0.2358	0.0219	0.0002	0.0221
91.2333	0.2253	0.0088	0.0002	0.009
91.2667	0.2114	0.0088	0.0002	0.009
91.3	0.2002	0.0088	0.0015	0.0103
91.3333	0.1871	0.0219	0.0015	0.0235
91.3667	0.1769	0.0088	0	0.0088
91.4	0.167	0.0088	0.0015	0.0103
91.4333	0.1565	0.0088	0	0.0088
91.4667	0.1466	0.0219	0.0002	0.0221
91.5	0.137	0.0088	0.0002	0.009
91.5333	0.1291	0.0088	0.0002	0.009
91.5667	0.1222	0	0.0028	0.0028
91.6	0.1143	0	0	0
91.6333	0.1074	0.0088	0.0002	0.009
91.6667	0.0982	0.0088	0.0002	0.009
91.7	0.0936	0.0088	0	0.0088

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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
91.7333	0.0857	0.0088	0	0.0088
91.7667	0.0758	0.0219	0	0.0219
91.8	0.0752	0.0088	0	0.0088
91.8333	0.0679	0.0219	0.0002	0.0221
91.8667	0.066	0	0.0002	0.0002
91.9	0.0683	0.0088	0.0015	0.0103
91.9333	0.0735	0.0219	0.0015	0.0235
91.9667	0.0739	0	0.0002	0.0002
92	0.0762	0	0.0002	0.0002
92.0333	0.0768	0.0219	0.0015	0.0235
92.0667	0.0781	0.0088	0	0.0088
92.1	0.0814	0.0219	0.0002	0.0221
92.1333	0.0824	0.0088	0.0015	0.0103
92.1667	0.0854	0.0088	0	0.0088
92.2	0.0864	0.0088	0.0002	0.009
92.2333	0.089	0.0088	0	0.0088
92.2667	0.086	0.0088	0.0002	0.009
92.3	0.0765	0.0088	0.0015	0.0103
92.3333	0.0683	0.0219	0.0015	0.0235
92.3667	0.0607	0.0088	0.0015	0.0103
92.4	0.0561	0.0219	0.0015	0.0235
92.4333	0.0505	0.0088	0	0.0088
92.4667	-0.0157	0.0088	0.0015	0.0103
92.5	-0.0117	0.0219	0.0002	0.0221
92.5333	-0.0104	0.0351	0.0002	0.0353
92.5667	0.0291	0	0	0
92.6	0.0248	0.0088	0.0002	0.009
92.6333	0.0195	0.0088	0.0002	0.009
92.6667	0.0153	0.0219	0	0.0219
92.7	0.0139	0.0088	0.0002	0.009
92.7333	0.009	0	0	0
92.7667	0.0077	0.0351	0.0002	0.0353
92.8	0.0067	0.0219	0.0028	0.0248
92.8333	0.0047	0.0219	0.0002	0.0221
92.8667	0.0037	0.0088	0.0015	0.0103
92.9	0.0001	0.0088	0.0002	0.009
92.9333	0.0024	0.0088	0.0002	0.009
92.9667	-0.0032	0.0088	0.0002	0.009
93	-0.0045	0.0088	0.0002	0.009
93.0333	-0.0035	0	0	0
93.0667	-0.0051	0.0219	0.0002	0.0221
93.1	-0.0084	0.0219	0.0002	0.0221
93.1333	-0.0042	0.0088	0.0015	0.0103

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93.1667	-0.0081	0.0219	0.0015	0.0235
93.2	-0.0074	0.0219	0.0002	0.0221
93.2333	-0.0078	0.0219	0.0015	0.0235
93.2667	-0.0097	0.0219	0	0.0219
93.3	-0.0097	0.0219	0.0002	0.0221
93.3333	-0.0104	0.0219	0.0015	0.0235
93.3667	-0.0097	0.0088	0.0002	0.009
93.4	-0.0101	0.0219	0.0002	0.0221
93.4333	-0.0097	0	0.0002	0.0002
93.4667	-0.0114	0	0.0002	0.0002
93.5	-0.0117	0.0351	0.0002	0.0353
93.5333	-0.0107	0.0219	0.0015	0.0235
93.5667	-0.0134	0.0088	0.0015	0.0103
93.6	-0.0137	0.0219	0.0002	0.0221
93.6333	-0.0157	0.0219	0.0002	0.0221
93.6667	-0.013	0.0088	0.0015	0.0103
93.7	-0.014	0.0219	0.0015	0.0235
93.7333	-0.0134	0.0088	0.0015	0.0103
93.7667	-0.0137	0.0088	0.0002	0.009
93.8	-0.0153	0	0.0028	0.0028
93.8333	-0.0173	0.0088	0.0002	0.009
93.8667	-0.0167	0.0482	0.0002	0.0484
93.9	-0.0134	0.0088	0.0015	0.0103
93.9333	-0.0153	0.0088	0	0.0088
93.9667	-0.0153	0	0.0015	0.0015
94	-0.0163	0.0219	0.0015	0.0235
94.0333	-0.0144	0.0088	0.0002	0.009
94.0667	-0.0173	0.0219	0.0015	0.0235
94.1	-0.017	0.0219	0.0002	0.0221
94.1333	-0.0157	0.0088	0.0002	0.009
94.1667	-0.0167	0.0088	0.0002	0.009
94.2	-0.018	0.0219	0.0002	0.0221
94.2333	-0.0153	0.0088	0.0002	0.009
94.2667	-0.0144	0.0088	0.0002	0.009
94.3	-0.0176	0.0088	0	0.0088
94.3333	-0.0183	0.0088	0.0002	0.009
94.3667	-0.0176	0.0088	0.0002	0.009
94.4	-0.0196	0.0088	0.0002	0.009
94.4333	-0.0163	0.0088	0	0.0088
94.4667	-0.0176	0	0.0015	0.0015
94.5	-0.016	0.0219	0	0.0219
94.5333	-0.0153	0.0219	0.0002	0.0221
94.5667	-0.0226	0.0088	0.0028	0.0116

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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
94.6	-0.0229	0.0219	0.0015	0.0235
94.6333	-0.019	0.0219	0	0.0219
94.6667	-0.02	0	0.0002	0.0002
94.7	-0.0144	0.0219	0.0002	0.0221
94.7333	-0.0203	0.0088	0.0002	0.009
94.7667	-0.0213	0.0219	0.0015	0.0235
94.8	0.1031	0	0.0015	0.0015
94.8333	0.066	0.0088	0.0002	0.009
94.8667	0.0567	0.0088	0.0002	0.009
94.9	0.0577	0	0.0015	0.0015
94.9333	0.0554	0.0088	0.0002	0.009
94.9667	0.0498	0.0088	0.0015	0.0103
95	0.0485	0.0088	0.0002	0.009
95.0333	0.0515	0.0088	0.0015	0.0103
95.0667	0.0502	0.0351	0.0002	0.0353
95.1	0.0469	0.0219	0.0015	0.0235
95.1333	0.0495	0.0219	0.0015	0.0235
95.1667	0.0485	0.0219	0	0.0219
95.2	0.0472	0	0.0002	0.0002
95.2333	0.0495	0.0088	0.0002	0.009
95.2667	0.0896	0.0088	0.0002	0.009
95.3	0.088	0.0219	0.0002	0.0221
95.3333	0.0492	0.0088	0	0.0088
95.3667	-0.0288	0.0219	0.0015	0.0235
95.4	-0.0292	0.0219	0.0002	0.0221
95.4333	-0.0305	0.0219	0	0.0219
95.4667	-0.0275	0.0088	0.0002	0.009
95.5	-0.0288	0.0088	0.0002	0.009
95.5333	-0.0269	0.0219	0.0002	0.0221
95.5667	-0.0292	0.0088	0.0002	0.009
95.6	-0.0315	0.0088	0.0002	0.009
95.6333	-0.0259	0.0219	0.0002	0.0221
95.6667	-0.0282	0.0088	0	0.0088
95.7	-0.0295	0.0088	0.0002	0.009
95.7333	-0.0292	0.0088	0.0015	0.0103
95.7667	-0.0265	0.0219	0.0002	0.0221
95.8	-0.0107	0.0088	0	0.0088
95.8333	0.0301	0.0088	0.0002	0.009
95.8667	0.0686	0.0088	0.0015	0.0103
95.9	0.1064	0	0.0015	0.0015
95.9333	0.1449	0.0088	0.0002	0.009
95.9667	0.1802	0.0219	0.0002	0.0221
96	0.22	0.0219	0.0015	0.0235



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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
96.0333	0.2536	0.0219	0.0015	0.0235
96.0667	0.2868	0.0088	0.0002	0.009
96.1	0.3204	0.0219	0.0015	0.0235
96.1333	0.3549	0.0219	0.0002	0.0221
96.1667	0.3878	0.0088	0.0002	0.009
96.2	0.4175	0.0088	0.0028	0.0116
96.2333	0.4471	0	0	0
96.2667	0.479	0.0088	0	0.0088
96.3	0.5093	0.0219	0	0.0219
96.3333	0.5366	0.0351	0.0028	0.0379
96.3667	0.5649	0.0088	0	0.0088
96.4	0.5903	0	0.826	0.826
96.4333	0.6212	0.0088	0.8352	0.844
96.4667	0.6479	0.0088	0.8497	0.8585
96.5	0.6732	0.0219	0.8484	0.8703
96.5333	0.6992	0.0088	0.8576	0.8663
96.5667	0.7265	0.0219	0.8655	0.8874
96.6	0.7515	0.0219	0.8707	0.8926
96.6333	0.7742	0.0088	0.8747	0.8834
96.6667	0.8002	0.0219	0.8734	0.8953
96.7	0.8207	0	0.8786	0.8786
96.7333	0.8503	0.0219	0.8734	0.8953
96.7667	0.8707	0.0088	0.872	0.8808
96.8	0.8921	0.0088	0.8826	0.8913
96.8333	0.9135	0	0.8918	0.8918
96.8667	0.9316	0.0088	0.8931	0.9019
96.9	0.9549	0	0.8918	0.8918
96.9333	0.9753	0.0088	0.8905	0.8992
96.9667	0.9984	0.0351	0.8826	0.9176
97	1.0204	0.0088	0.8865	0.8953
97.0333	1.0343	0.0088	0.8918	0.9005
97.0667	1.0583	0.0088	0.8931	0.9019
97.1	1.0784	0.0088	0.8891	0.8979
97.1333	1.0968	0	0.897	0.897
97.1667	1.1149	0	0.9023	0.9023
97.2	1.1337	0.0219	0.8905	0.9124
97.2333	1.1452	0.0088	0.8891	0.8979
97.2667	1.1646	0	0.8839	0.8839
97.3	1.1853	0.0219	0.872	0.894
97.3333	1.2005	0.0088	0.8615	0.8703
97.3667	1.2159	0.0088	0.872	0.8808
97.4	1.2324	0.0088	0.8668	0.8756
97.4333	1.2495	0.0088	0.8615	0.8703

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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
97.4667	1.264	0.0219	0.8602	0.8821
97.5	1.2805	0.0088	0.8484	0.8571
97.5333	1.2956	0.0088	0.8497	0.8585
97.5667	1.3104	0.0219	0.8471	0.869
97.6	1.3269	0	0.8339	0.8339
97.6333	1.3381	0.0088	0.8273	0.8361
97.6667	1.3545	0.0088	0.826	0.8348
97.7	1.3657	0.0088	0.8194	0.8282
97.7333	1.3815	0.0088	0.8181	0.8269
97.7667	1.3947	0.0219	0.8129	0.8348
97.8	1.4055	0	0.8063	0.8063
97.8333	1.4184	0.0088	0.7984	0.8072
97.8667	1.4305	0.0088	0.7958	0.8045
97.9	1.443	0.0219	0.7918	0.8137
97.9333	1.4559	0.0088	0.7866	0.7953
97.9667	1.469	0.0088	0.7879	0.7967
98	1.4789	0.0088	0.7774	0.7861
98.0333	1.4898	0.0088	0.7774	0.7861
98.0667	1.4993	0.0088	0.7761	0.7848
98.1	1.5085	0.0088	0.7668	0.7756
98.1333	1.5217	0.0219	0.7682	0.7901
98.1667	1.5322	0.0219	0.7629	0.7848
98.2	1.5405	0	0.7642	0.7642
98.2333	1.5517	0.0088	0.759	0.7677
98.2667	1.5579	0.0088	0.7642	0.773
98.3	1.5711	0.0088	0.7629	0.7717
98.3333	1.5763	0	0.7616	0.7616
98.3667	1.5875	0.0088	0.7603	0.769
98.4	1.5977	0.0088	0.7603	0.769
98.4333	1.6037	0.0219	0.7563	0.7782
98.4667	1.6126	0.0088	0.7524	0.7612
98.5	1.6228	0.0088	0.7484	0.7572
98.5333	1.629	0.0088	0.7405	0.7493
98.5667	1.6386	0.0088	0.7366	0.7454
98.6	1.6441	0.0088	0.7353	0.7441
98.6333	1.652	0	0.73	0.73
98.6667	1.657	0.0088	0.7248	0.7335
98.7	1.6672	0.0219	0.7169	0.7388
98.7333	1.6757	0.0088	0.7116	0.7204
98.7667	1.679	0.0351	0.7024	0.7375
98.8	1.6876	0.0351	0.7011	0.7362
98.8333	1.6929	0.0088	0.6972	0.7059
98.8667	1.6991	0.0088	0.6945	0.7033

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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
98.9	1.7077	0	0.6906	0.6906
98.9333	1.7113	0	0.6853	0.6853
98.9667	1.7189	0.0219	0.6774	0.6993
99	1.7215	0.0219	0.6656	0.6875
99.0333	1.7327	0.0219	0.659	0.6809
99.0667	1.7337	0.0219	0.659	0.6809
99.1	1.7412	0.0088	0.6524	0.6612
99.1333	1.7458	0.0088	0.6498	0.6586
99.1667	1.7505	0.0088	0.6459	0.6546
99.2	1.757	0.0088	0.6459	0.6546
99.2333	1.758	0.0088	0.6354	0.6441
99.2667	1.7643	0.0219	0.6327	0.6546
99.3	1.7679	0	0.6248	0.6248
99.3333	1.7709	0.0219	0.6261	0.6481
99.3667	1.7686	0.0219	0.6104	0.6323
99.4	1.7616	0.0219	0.5893	0.6112
99.4333	1.7541	0.0351	0.5683	0.6034
99.4667	1.7485	0.0219	0.5525	0.5744
99.5	1.7389	0.0351	0.5538	0.5889
99.5333	1.732	0.0088	0.563	0.5718
99.5667	1.7218	0.0088	0.5814	0.5902
99.6	1.7116	0.0088	0.5801	0.5889
99.6333	1.7093	0.0219	0.5657	0.5876
99.6667	1.7024	0.0088	0.5657	0.5744
99.7	1.6965	0.0219	0.5525	0.5744
99.7333	1.6906	0.0088	0.5459	0.5547
99.7667	1.6833	0.0088	0.538	0.5468
99.8	1.6774	0	0.5302	0.5302
99.8333	1.6718	0.0219	0.5328	0.5547
99.8667	1.6655	0.0088	0.5288	0.5376
99.9	1.658	0.0088	0.5183	0.5271
99.9333	1.6557	0.0088	0.5183	0.5271
99.9667	1.6484	0.0351	0.5104	0.5455
100	1.6428	0.0219	0.5025	0.5245
100.0333	1.6382	0.0219	0.5039	0.5258
100.0667	1.6323	0	0.496	0.496
100.1	1.626	0.0351	0.4973	0.5323
100.1333	1.6211	0	0.496	0.496
100.1667	1.6168	0.0219	0.4933	0.5153
100.2	1.6142	0.0088	0.4986	0.5074
100.2333	1.6043	0.0219	0.4933	0.5153
100.2667	1.6037	0.0088	0.492	0.5008
100.3	1.5974	0.0088	0.4828	0.4916

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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
100.3333	1.5885	0	0.4762	0.4762
100.3667	1.5865	0.0351	0.4789	0.5139
100.4	1.5879	0.0088	0.4828	0.4916
100.4333	1.5839	0.0088	0.4854	0.4942
100.4667	1.5842	0.0219	0.4868	0.5087
100.5	1.5829	0	0.4868	0.4868
100.5333	1.5849	0.0351	0.4894	0.5245
100.5667	1.5846	0.0219	0.5039	0.5258
100.6	1.5875	0.0219	0.5025	0.5245
100.6333	1.5895	0.0219	0.5117	0.5337
100.6667	1.5889	0.0219	0.5104	0.5323
100.7	1.5879	0.0219	0.5065	0.5284
100.7333	1.5925	0.0219	0.5104	0.5323
100.7667	1.5931	0.0351	0.5209	0.556
100.8	1.5941	0	0.5223	0.5223
100.8333	1.5928	0.0351	0.5249	0.56
100.8667	1.5961	0.0088	0.5328	0.5415
100.9	1.5997	0.0088	0.5367	0.5455
100.9333	1.603	0.0219	0.5354	0.5573
100.9667	1.6014	0	0.5446	0.5446
101	1.5991	0.0219	0.5591	0.581
101.0333	1.6037	0.0088	0.5538	0.5626
101.0667	1.6047	0	0.5551	0.5551
101.1	1.6066	0.0088	0.5538	0.5626
101.1333	1.6066	0.0219	0.5499	0.5718
101.1667	1.6102	0	0.5433	0.5433
101.2	1.6132	0.0351	0.5565	0.5915
101.2333	1.6175	0.0219	0.5617	0.5836
101.2667	1.6145	0.0219	0.567	0.5889
101.3	1.6198	0.0351	0.5814	0.6165
101.3333	1.6224	0.0088	0.5749	0.5836
101.3667	1.6218	0.0088	0.5775	0.5863
101.4	1.6267	0.0219	0.5841	0.606
101.4333	1.6277	0.0219	0.5775	0.5994
101.4667	1.6277	0.0219	0.5828	0.6047
101.5	1.631	0.0351	0.5841	0.6191
101.5333	1.6283	0	0.5854	0.5854
101.5667	1.6313	0.0088	0.5841	0.5928
101.6	1.6323	0.0351	0.5854	0.6204
101.6333	1.6366	0.0088	0.5854	0.5941
101.6667	1.6359	0.0219	0.5854	0.6073
101.7	1.6356	0.0219	0.5801	0.602
101.7333	1.6359	0.0088	0.5788	0.5876

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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
101.7667	1.6372	0.0088	0.5841	0.5928
101.8	1.632	0.0088	0.5775	0.5863
101.8333	1.6326	0	0.5683	0.5683
101.8667	1.6339	0.0088	0.563	0.5718
101.9	1.63	0	0.5578	0.5578
101.9333	1.6339	0.0219	0.5578	0.5797
101.9667	1.631	0	0.5525	0.5525
102	1.6293	0.0088	0.5538	0.5626
102.0333	1.6283	0	0.5617	0.5617
102.0667	1.6293	0.0088	0.5683	0.5771
102.1	1.6313	0.0219	0.5512	0.5731
102.1333	1.6257	0	0.5512	0.5512
102.1667	1.6274	0.0219	0.5407	0.5626
102.2	1.6274	0.0219	0.5499	0.5718
102.2333	1.6277	0.0088	0.5472	0.556
102.2667	1.627	0.0219	0.5591	0.581
102.3	1.6257	0.0088	0.5538	0.5626
102.3333	1.6257	0.0219	0.5538	0.5757
102.3667	1.6254	0.0088	0.5551	0.5639
102.4	1.6244	0.0219	0.5578	0.5797
102.4333	1.6267	0.0088	0.5446	0.5534
102.4667	1.6241	0.0088	0.5499	0.5586
102.5	1.6247	0.0219	0.5525	0.5744
102.5333	1.6218	0.0351	0.5512	0.5863
102.5667	1.6251	0.0088	0.5565	0.5652
102.6	1.6251	0.0088	0.5459	0.5547
102.6333	1.6254	0.0219	0.5472	0.5692
102.6667	1.6241	0.0088	0.5499	0.5586
102.7	1.6251	0.0219	0.5551	0.5771
102.7333	1.6228	0.0219	0.5525	0.5744
102.7667	1.6241	0.0088	0.5512	0.56
102.8	1.6224	0	0.5499	0.5499
102.8333	1.6237	0.0088	0.5499	0.5586
102.8667	1.6208	0	0.5499	0.5499
102.9	1.6208	0.0088	0.5499	0.5586
102.9333	1.6228	0.0219	0.5446	0.5665
102.9667	1.6228	0.0088	0.5459	0.5547
103	1.6208	0.0088	0.5459	0.5547
103.0333	1.6195	0.0088	0.5433	0.5521
103.0667	1.6221	0.0219	0.5472	0.5692
103.1	1.6201	0.0088	0.5459	0.5547
103.1333	1.6204	0.0219	0.5459	0.5678
103.1667	1.6195	0.0219	0.5499	0.5718

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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
103.2	1.6234	0.0088	0.5538	0.5626
103.2333	1.6214	0.0219	0.5525	0.5744
103.2667	1.6201	0.0088	0.5512	0.56
103.3	1.6204	0	0.5459	0.5459
103.3333	1.6185	0.0219	0.5472	0.5692
103.3667	1.6218	0.0219	0.5446	0.5665
103.4	1.6204	0.0088	0.5433	0.5521
103.4333	1.6178	0.0088	0.5433	0.5521
103.4667	1.6198	0.0219	0.5433	0.5652
103.5	1.6218	0.0088	0.538	0.5468
103.5333	1.6211	0.0219	0.542	0.5639
103.5667	1.6204	0.0219	0.5354	0.5573
103.6	1.6201	0.0219	0.5446	0.5665
103.6333	1.6208	0.0088	0.5394	0.5481
103.6667	1.6195	0.0351	0.5341	0.5692
103.7	1.6214	0.0219	0.5433	0.5652
103.7333	1.5879	0.0088	0.5012	0.51
103.7667	1.5415	0.0219	0.4197	0.4416
103.8	1.4924	0	0.3342	0.3342
103.8333	1.4486	0.0351	0.0002	0.0353
103.8667	1.4049	0.0088	0.0015	0.0103
103.9	1.3614	0.0088	0.0002	0.009
103.9333	1.3173	0.0088	0.0015	0.0103
103.9667	1.2768	0.0219	0.0002	0.0221
104	1.237	0.0088	0.0002	0.009
104.0333	1.1992	0.0219	0.0015	0.0235
104.0667	1.1593	0.0088	0.0002	0.009
104.1	1.1244	0.0219	0.0015	0.0235
104.1333	1.0876	0.0219	0.0002	0.0221
104.1667	1.0537	0.0219	0	0.0219
104.2	1.0224	0.0219	0.0028	0.0248
104.2333	0.9895	0.0088	0	0.0088
104.2667	0.9595	0.0088	0.0002	0.009
104.3	0.9243	0.0219	0	0.0219
104.3333	0.8987	0.0088	0.0002	0.009
104.3667	0.8697	0.0088	0.0002	0.009
104.4	0.8417	0.0088	0	0.0088
104.4333	0.816	0.0088	0	0.0088
104.4667	0.7861	0.0219	0.0015	0.0235
104.5	0.7617	0.0088	0.0015	0.0103
104.5333	0.7364	0	0.0015	0.0015
104.5667	0.7097	0.0219	0.0015	0.0235
104.6	0.6906	0.0219	0.0002	0.0221



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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
104.6333	0.6679	0	0.0015	0.0015
104.6667	0.6436	0.0088	0.0002	0.009
104.7	0.6192	0.0219	0.0002	0.0221
104.7333	0.5975	0.0482	0.0002	0.0484
104.7667	0.5797	0.0219	0.0015	0.0235
104.8	0.555	0.0219	0.0015	0.0235
104.8333	0.5383	0.0351	0	0.0351
104.8667	0.5208	0.0088	0	0.0088
104.9	0.4991	0.0219	0.0002	0.0221
104.9333	0.4846	0	0.0002	0.0002
104.9667	0.4635	0.0088	0.0015	0.0103
105	0.4454	0.0088	0.0002	0.009
105.0333	0.427	0.0219	0	0.0219
105.0667	0.4145	0.0219	0.0002	0.0221
105.1	0.3987	0	0.0015	0.0015
105.1333	0.3816	0.0088	0.0015	0.0103
105.1667	0.3681	0.0088	0	0.0088
105.2	0.3523	0.0088	0.0002	0.009
105.2333	0.3365	0.0088	0.0002	0.009
105.2667	0.324	0.0088	0.0028	0.0116
105.3	0.3075	0	0.0015	0.0015
105.3333	0.3003	0.0088	0	0.0088
105.3667	0.2865	0.0219	0.0015	0.0235
105.4	0.2707	0.0219	0.0015	0.0235
105.4333	0.2628	0.0351	0.0002	0.0353
105.4667	0.2493	0.0219	0.0015	0.0235
105.5	0.2381	0.0219	0.0015	0.0235
105.5333	0.2282	0.0219	0.0015	0.0235
105.5667	0.215	0.0219	0.0002	0.0221
105.6	0.2035	0.0351	0.0015	0.0366
105.6333	0.1979	0.0088	0.0002	0.009
105.6667	0.1867	0.0219	0.0002	0.0221
105.7	0.1769	0.0088	0.0002	0.009
105.7333	0.1686	0.0088	0	0.0088
105.7667	0.1591	0.0219	0.0002	0.0221
105.8	0.1489	0.0088	0.0002	0.009
105.8333	0.1403	0	0.0002	0.0002
105.8667	0.1354	0.0351	0	0.0351
105.9	0.1265	0.0219	0	0.0219
105.9333	0.1219	0.0088	0.0015	0.0103
105.9667	0.1147	0.0088	0	0.0088
106	0.1058	0	0.0002	0.0002
106.0333	0.0969	0.0088	0.0015	0.0103

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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
106.0667	0.0929	0	0.0002	0.0002
106.1	0.0883	0.0088	0.0002	0.009
106.1333	0.0824	0.0351	0	0.0351
106.1667	0.0758	0.0088	0.0015	0.0103
106.2	0.0735	0.0219	0.0015	0.0235
106.2333	0.0696	0.0088	0.0002	0.009
106.2667	0.0643	0	0	0
106.3	0.0581	0.0219	0.0002	0.0221
106.3333	0.0515	0.0088	0.0002	0.009
106.3667	0.0472	0.0088	0.0002	0.009
106.4	0.0413	0	0	0
106.4333	0.0423	0.0088	0.0015	0.0103
106.4667	0.038	0.0219	0.0002	0.0221
106.5	0.035	0.0219	0	0.0219
106.5333	0.034	0.0219	0	0.0219
106.5667	0.0307	0.0088	0	0.0088
106.6	0.0294	0.0219	0.0002	0.0221
106.6333	0.0258	0.0351	0.0002	0.0353
106.6667	0.0205	0.0088	0	0.0088
106.7	0.0172	0.0088	0	0.0088
106.7333	0.0163	0.0088	0.0002	0.009
106.7667	0.0139	0.0088	0.0002	0.009
106.8	0.0126	0.0219	0.0002	0.0221
106.8333	0.012	0	0.0015	0.0015
106.8667	0.0074	0.0088	0.0015	0.0103
106.9	0.0077	0.0088	0.0015	0.0103
106.9333	0.0041	0.0219	0.0002	0.0221
106.9667	0.0018	0.0219	0.0002	0.0221
107	0.0021	0.0219	0.0002	0.0221
107.0333	-0.0012	0.0219	0.0002	0.0221
107.0667	0.0018	0	0.0002	0.0002
107.1	-0.0018	0.0219	0.0028	0.0248
107.1333	-0.0015	0.0088	0.0002	0.009
107.1667	-0.0061	0	0.0002	0.0002
107.2	-0.0061	0.0088	0.0002	0.009
107.2333	-0.0081	0.0351	0.0002	0.0353
107.2667	-0.0078	0.0088	0.0002	0.009
107.3	-0.0061	0.0219	0.0002	0.0221
107.3333	-0.0091	0.0088	0.0002	0.009
107.3667	-0.0068	0.0088	0	0.0088
107.4	-0.0121	0.0088	0.0015	0.0103
107.4333	-0.0084	0.0088	0	0.0088
107.4667	-0.0107	0.0088	0.0002	0.009

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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
107.5	-0.0117	0.0219	0.0002	0.0221
107.5333	-0.0134	0.0088	0.0002	0.009
107.5667	-0.0124	0.0219	0.0015	0.0235
107.6	-0.0088	0.0088	0.0015	0.0103
107.6333	-0.0124	0.0088	0.0015	0.0103
107.6667	-0.0134	0.0088	0.0028	0.0116
107.7	-0.0134	0.0088	0.0002	0.009
107.7333	-0.0124	0	0.0015	0.0015
107.7667	-0.015	0.0219	0.0015	0.0235
107.8	-0.0124	0.0219	0.0015	0.0235
107.8333	-0.0173	0	0.0015	0.0015
107.8667	-0.0163	0.0088	0.0002	0.009
107.9	-0.0157	0	0.0015	0.0015
107.9333	-0.015	0.0482	0.0002	0.0484
107.9667	-0.016	0	0.0002	0.0002
108	-0.0173	0.0219	0	0.0219
108.0333	-0.018	0.0219	0.0015	0.0235
108.0667	-0.0183	0.0219	0.0015	0.0235
108.1	-0.0173	0.0219	0	0.0219
108.1333	-0.0157	0.0088	0.0015	0.0103
108.1667	-0.02	0.0088	0.0015	0.0103
108.2	-0.0173	0.0219	0.0015	0.0235
108.2333	-0.0196	0.0088	0	0.0088
108.2667	-0.0176	0.0219	0.0015	0.0235
108.3	-0.0206	0.0219	0.0015	0.0235
108.3333	-0.0223	0.0088	0.0015	0.0103
108.3667	-0.0173	0.0088	0.0002	0.009
108.4	-0.0167	0.0088	0	0.0088
108.4333	-0.0173	0.0219	0	0.0219
108.4667	-0.0193	0.0088	0.0015	0.0103
108.5	-0.0176	0.0088	0.0015	0.0103
108.5333	-0.0213	0.0351	0.0015	0.0366
108.5667	-0.0186	0.0219	0	0.0219
108.6	-0.0163	0.0351	0.0015	0.0366
108.6333	-0.0203	0.0088	0.0015	0.0103
108.6667	-0.0206	0.0088	0.0002	0.009
108.7	-0.0176	0.0088	0	0.0088
108.7333	-0.0203	0.0088	0.0015	0.0103
108.7667	-0.0226	0.0219	0.0002	0.0221
108.8	-0.0203	0	0	0
108.8333	-0.0193	0.0219	0.0002	0.0221
108.8667	-0.0209	0.0088	0.0002	0.009
108.9	-0.0213	0.0088	0.0002	0.009

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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
108.9333	-0.0173	0.0219	0.0002	0.0221
108.9667	-0.019	0.0088	0.0015	0.0103
109	-0.0213	0.0351	0	0.0351
109.0333	-0.0226	0.0219	0.0002	0.0221
109.0667	-0.019	0.0088	0.0002	0.009
109.1	-0.0223	0	0	0
109.1333	-0.0219	0.0088	0.0002	0.009
109.1667	-0.019	0	0.0002	0.0002
109.2	-0.0213	0	0	0
109.2333	-0.0229	0.0088	0.0002	0.009
109.2667	-0.0219	0.0088	0.0002	0.009
109.3	-0.0206	0.0088	0.0002	0.009
109.3333	-0.02	0.0088	0.0015	0.0103
109.3667	-0.0196	0.0088	0.0002	0.009
109.4	-0.0216	0.0219	0.0002	0.0221
109.4333	-0.0196	0.0088	0.0015	0.0103
109.4667	-0.02	0.0219	0.0002	0.0221
109.5	-0.02	0.0219	0.0015	0.0235
109.5333	-0.0229	0.0088	0.0002	0.009
109.5667	-0.0246	0.0088	0.0015	0.0103
109.6	-0.0209	0.0088	0.0002	0.009
109.6333	-0.0196	0.0219	0	0.0219
109.6667	-0.0193	0.0351	0.0002	0.0353
109.7	-0.0232	0.0088	0.0015	0.0103
109.7333	-0.0196	0.0088	0.0002	0.009
109.7667	-0.0229	0.0219	0.0002	0.0221
109.8	-0.02	0.0088	0.0002	0.009
109.8333	-0.0209	0.0088	0.0002	0.009
109.8667	-0.02	0.0088	0.0002	0.009
109.9	-0.0216	0.0088	0.0002	0.009
109.9333	-0.0226	0.0088	0.0015	0.0103
109.9667	-0.0206	0	0.0015	0.0015
110	-0.0229	0.0088	0.0015	0.0103
110.0333	-0.0209	0.0088	0.0015	0.0103
110.0667	-0.0246	0.0088	0	0.0088
110.1	-0.0246	0.0219	0.0002	0.0221
110.1333	-0.0249	0.0219	0.0002	0.0221
110.1667	-0.0203	0.0088	0.0002	0.009
110.2	-0.0219	0	0	0
110.2333	-0.0229	0.0088	0.0015	0.0103
110.2667	-0.0232	0	0.0002	0.0002
110.3	-0.0203	0.0088	0.0002	0.009
110.3333	-0.0232	0.0219	0.0002	0.0221

AREVA NP, Inc.

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July 30, 2013

Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
110.3667	-0.0232	0	0.0002	0.0002
110.4	-0.0193	0	0.0015	0.0015
110.4333	-0.0196	0.0219	0	0.0219
110.4667	-0.0203	0.0219	0.0002	0.0221
110.5	-0.0213	0.0088	0.0002	0.009
110.5333	-0.0223	0.0219	0.0002	0.0221
110.5667	-0.0196	0.0219	0.0015	0.0235
110.6	-0.0206	0.0219	0.0002	0.0221
110.6333	-0.0236	0.0219	0.0002	0.0221
110.6667	-0.0209	0.0088	0.0002	0.009
110.7	-0.02	0.0088	0.0002	0.009
110.7333	-0.02	0.0088	0.0002	0.009
110.7667	-0.0223	0.0088	0.0028	0.0116
110.8	-0.0229	0.0219	0.0002	0.0221
110.8333	-0.0223	0	0.0002	0.0002
110.8667	-0.0239	0.0219	0.0002	0.0221
110.9	-0.0226	0.0219	0.0002	0.0221
110.9333	-0.0193	0.0219	0.0002	0.0221
110.9667	-0.0209	0.0219	0.0002	0.0221
111	-0.0226	0.0219	0.0015	0.0235
111.0333	-0.0213	0.0219	0.0002	0.0221
111.0667	-0.0216	0.0219	0.0002	0.0221
111.1	-0.0223	0.0219	0	0.0219
111.1333	-0.0242	0.0088	0.0015	0.0103
111.1667	-0.0232	0.0219	0.0028	0.0248
111.2	-0.0223	0.0088	0.0002	0.009
111.2333	-0.0242	0.0219	0.0015	0.0235
111.2667	-0.0226	0.0088	0.0015	0.0103
111.3	-0.0209	0	0.0002	0.0002
111.3333	-0.0236	0	0.0002	0.0002
111.3667	-0.0229	0.0219	0.0015	0.0235
111.4	-0.0216	0.0351	0.0002	0.0353
111.4333	-0.0206	0.0219	0.0015	0.0235
111.4667	-0.0203	0.0088	0.0028	0.0116
111.5	-0.0232	0.0351	0.0015	0.0366
111.5333	-0.0213	0.0351	0.0002	0.0353
111.5667	-0.0223	0.0088	0	0.0088
111.6	-0.0226	0.0219	0.0002	0.0221
111.6333	-0.0223	0.0088	0.0015	0.0103
111.6667	-0.019	0.0219	0.0015	0.0235
111.7	-0.0209	0.0088	0.0028	0.0116
111.7333	-0.0255	0.0088	0.0015	0.0103
111.7667	-0.0219	0.0219	0.0015	0.0235

AREVA NP, Inc.

Project No. G101276459SAT-003

July 30, 2013

Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
111.8	-0.0232	0.0088	0.0002	0.009
111.8333	-0.0236	0.0088	0	0.0088
111.8667	-0.0196	0.0219	0.0015	0.0235
111.9	-0.0236	0.0219	0	0.0219
111.9333	-0.0236	0.0088	0	0.0088
111.9667	-0.0232	0.0351	0.0002	0.0353
112	-0.0223	0.0219	0.0015	0.0235
112.0333	-0.0226	0.0088	0.0015	0.0103
112.0667	-0.0216	0.0088	0.0015	0.0103
112.1	-0.0196	0.0219	0.0002	0.0221
112.1333	-0.0193	0.0088	0.0015	0.0103
112.1667	-0.018	0.0088	0	0.0088
112.2	-0.0239	0	0	0
112.2333	-0.0226	0.0219	0.0028	0.0248
112.2667	-0.0252	0.0351	0.0002	0.0353
112.3	-0.0219	0.0088	0.0015	0.0103
112.3333	-0.0226	0.0219	0.0015	0.0235
112.3667	-0.0196	0.0219	0.0002	0.0221
112.4	-0.0193	0.0219	0.0002	0.0221
112.4333	-0.0219	0.0088	0.0002	0.009
112.4667	-0.0219	0.0351	0.0002	0.0353
112.5	-0.0236	0.0219	0	0.0219
112.5333	-0.0196	0.0088	0.0015	0.0103
112.5667	-0.0176	0.0219	0.0002	0.0221
112.6	-0.0246	0.0088	0.0002	0.009
112.6333	-0.0229	0.0219	0.0002	0.0221
112.6667	-0.0209	0.0088	0.0002	0.009
112.7	-0.0213	0.0351	0.0002	0.0353
112.7333	-0.0232	0.0219	0.0015	0.0235
112.7667	-0.0232	0.0088	0.0015	0.0103
112.8	-0.02	0.0351	0.0002	0.0353
112.8333	-0.0226	0.0088	0	0.0088
112.8667	-0.0242	0.0088	0.0002	0.009
112.9	-0.0242	0.0088	0.0002	0.009
112.9333	-0.0193	0.0351	0.0015	0.0366
112.9667	-0.0213	0.0351	0.0002	0.0353
113	-0.0213	0.0088	0.0002	0.009
113.0333	-0.0223	0.0088	0.0002	0.009
113.0667	-0.0226	0.0219	0.0002	0.0221
113.1	-0.0229	0.0088	0.0002	0.009
113.1333	-0.0232	0.0088	0.0015	0.0103
113.1667	-0.0226	0.0088	0.0015	0.0103
113.2	-0.0213	0.0088	0.0015	0.0103



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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
113.2333	-0.0216	0.0088	0.0002	0.009
113.2667	-0.02	0.0088	0.0015	0.0103
113.3	-0.0252	0.0088	0.0002	0.009
113.3333	-0.0209	0.0219	0.0002	0.0221
113.3667	-0.0239	0.0088	0	0.0088
113.4	-0.0213	0.0219	0.0015	0.0235
113.4333	-0.0216	0	0.0002	0.0002
113.4667	-0.0232	0.0088	0.0015	0.0103
113.5	-0.0229	0.0088	0.0002	0.009
113.5333	-0.0206	0	0	0
113.5667	-0.0213	0.0219	0.0002	0.0221
113.6	-0.0239	0.0219	0.0002	0.0221
113.6333	-0.0226	0.0219	0.0002	0.0221
113.6667	-0.0229	0	0.0002	0.0002
113.7	-0.0206	0.0088	0.0015	0.0103
113.7333	-0.0226	0.0088	0.0002	0.009
113.7667	-0.0232	0	0.0002	0.0002
113.8	-0.0219	0.0088	0.0002	0.009
113.8333	-0.0229	0	0.0015	0.0015
113.8667	-0.0229	0.0219	0.0015	0.0235
113.9	-0.0219	0.0219	0.0015	0.0235
113.9333	-0.0242	0	0	0
113.9667	-0.0236	0.0088	0.0002	0.009
114	-0.0213	0.0088	0.0015	0.0103
114.0333	-0.0183	0.0219	0.0002	0.0221
114.0667	-0.0213	0.0219	0.0002	0.0221
114.1	-0.0229	0.0088	0.0002	0.009
114.1333	-0.0232	0.0088	0.0002	0.009
114.1667	-0.0242	0.0088	0.0002	0.009
114.2	-0.0209	0.0219	0.0002	0.0221
114.2333	-0.0239	0.0219	0.0002	0.0221
114.2667	-0.0209	0.0088	0.0015	0.0103
114.3	-0.0223	0.0351	0	0.0351
114.3333	-0.0186	0	0.0015	0.0015
114.3667	-0.019	0.0219	0.0015	0.0235
114.4	-0.0226	0.0088	0.0015	0.0103
114.4333	-0.0196	0.0219	0.0015	0.0235
114.4667	-0.0236	0	0.0015	0.0015
114.5	-0.0209	0.0088	0.0015	0.0103
114.5333	-0.0216	0.0088	0.0002	0.009
114.5667	-0.0223	0.0219	0.0002	0.0221
114.6	-0.0219	0.0219	0.0002	0.0221
114.6333	-0.0213	0	0.0002	0.0002

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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
114.6667	-0.0239	0.0219	0.0002	0.0221
114.7	-0.0223	0.0088	0	0.0088
114.7333	-0.0252	0.0088	0.0015	0.0103
114.7667	-0.0226	0.0219	0	0.0219
114.8	-0.0206	0.0219	0.0002	0.0221
114.8333	-0.0229	0.0088	0.0002	0.009
114.8667	-0.0213	0.0219	0.0015	0.0235
114.9	-0.0236	0.0219	0.0015	0.0235
114.9333	-0.0209	0.0219	0.0015	0.0235
114.9667	-0.0213	0.0219	0.0015	0.0235
115	-0.0193	0.0219	0.0002	0.0221
115.0333	-0.0236	0.0088	0.0002	0.009
115.0667	-0.0213	0.0088	0	0.0088
115.1	-0.0193	0.0088	0.0015	0.0103
115.1333	-0.0219	0.0219	0.0002	0.0221
115.1667	-0.0213	0.0219	0	0.0219
115.2	-0.0209	0	0.0002	0.0002
115.2333	-0.0203	0.0219	0.0015	0.0235
115.2667	-0.0216	0.0088	0.0002	0.009
115.3	-0.0216	0.0088	0.0015	0.0103
115.3333	-0.0206	0.0219	0.0015	0.0235
115.3667	-0.0219	0.0088	0.0002	0.009
115.4	-0.0209	0.0219	0.0002	0.0221
115.4333	-0.0219	0.0088	0.0002	0.009
115.4667	-0.0236	0.0088	0	0.0088
115.5	-0.0203	0.0219	0.0015	0.0235
115.5333	-0.0229	0.0219	0.0002	0.0221
115.5667	-0.0223	0.0219	0.0002	0.0221
115.6	-0.0213	0.0351	0.0028	0.0379
115.6333	-0.0209	0	0.0015	0.0015
115.6667	-0.0193	0.0088	0.0015	0.0103
115.7	-0.0209	0	0.0002	0.0002
115.7333	-0.0232	0.0088	0.0015	0.0103
115.7667	-0.0213	0.0219	0.0015	0.0235
115.8	-0.0213	0.0088	0.0002	0.009
115.8333	-0.0213	0.0088	0.0002	0.009
115.8667	-0.0216	0.0219	0.0002	0.0221
115.9	-0.0203	0.0088	0	0.0088
115.9333	-0.0229	0.0088	0	0.0088
115.9667	-0.0229	0.0219	0.0015	0.0235
116	-0.0206	0.0088	0.0028	0.0116
116.0333	-0.0239	0.0088	0.0002	0.009
116.0667	-0.0226	0.0219	0.0002	0.0221

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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
116.1	-0.0229	0.0088	0.0015	0.0103
116.1333	-0.0223	0.0088	0.0002	0.009
116.1667	-0.0209	0.0088	0.0002	0.009
116.2	-0.0216	0	0	0
116.2333	-0.0219	0.0088	0.0015	0.0103
116.2667	-0.0203	0	0.0015	0.0015
116.3	-0.0223	0.0219	0.0002	0.0221
116.3333	-0.0226	0.0219	0.0015	0.0235
116.3667	-0.0206	0	0.0015	0.0015
116.4	-0.0209	0.0351	0	0.0351
116.4333	-0.0226	0	0	0
116.4667	-0.0229	0.0219	0.0002	0.0221
116.5	-0.0255	0.0219	0.0015	0.0235
116.5333	-0.0239	0.0219	0.0015	0.0235
116.5667	-0.0246	0.0219	0.0002	0.0221
116.6	-0.0236	0.0219	0.0002	0.0221
116.6333	-0.0262	0.0088	0.0002	0.009
116.6667	-0.0226	0.0219	0.0028	0.0248
116.7	-0.0216	0.0351	0.0002	0.0353
116.7333	-0.0213	0.0351	0.0015	0.0366
116.7667	-0.0206	0.0219	0.0015	0.0235
116.8	-0.0239	0.0219	0.0002	0.0221
116.8333	-0.0216	0.0219	0	0.0219
116.8667	-0.0242	0.0088	0.0002	0.009
116.9	-0.0229	0.0219	0.0015	0.0235
116.9333	-0.0216	0.0219	0.0015	0.0235
116.9667	-0.0209	0.0088	0.0002	0.009
117	-0.0209	0.0088	0.0015	0.0103
117.0333	-0.0246	0.0088	0.0002	0.009
117.0667	-0.0209	0.0219	0.0015	0.0235
117.1	-0.0216	0.0088	0.0002	0.009
117.1333	-0.0236	0.0088	0.0015	0.0103
117.1667	-0.0249	0.0219	0.0002	0.0221
117.2	-0.0236	0.0219	0.0002	0.0221
117.2333	-0.0252	0.0088	0.0028	0.0116
117.2667	-0.0213	0.0219	0.0015	0.0235
117.3	-0.0213	0.0088	0.0015	0.0103
117.3333	-0.0206	0.0088	0.0028	0.0116
117.3667	-0.0242	0.0088	0.0015	0.0103
117.4	-0.0246	0.0219	0.0002	0.0221
117.4333	-0.0259	0.0219	0.0015	0.0235
117.4667	-0.0223	0.0219	0.0015	0.0235
117.5	-0.0209	0.0088	0.0002	0.009

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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
117.5333	-0.019	0.0088	0	0.0088
117.5667	-0.0226	0	0.0015	0.0015
117.6	-0.0183	0.0219	0.0002	0.0221
117.6333	-0.0229	0.0088	0.0015	0.0103
117.6667	-0.0239	0.0088	0	0.0088
117.7	-0.0229	0.0219	0.0015	0.0235
117.7333	-0.0196	0.0088	0.0015	0.0103
117.7667	-0.0229	0.0219	0.0015	0.0235
117.8	-0.0219	0.0088	0.0015	0.0103
117.8333	-0.0249	0.0219	0	0.0219
117.8667	-0.0219	0.0219	0	0.0219
117.9	-0.019	0.0088	0.0015	0.0103
117.9333	-0.0232	0.0088	0.0015	0.0103
117.9667	-0.0213	0.0219	0.0015	0.0235
118	-0.0239	0.0088	0.0002	0.009
118.0333	-0.0239	0	0.0002	0.0002
118.0667	-0.0236	0.0351	0.0002	0.0353
118.1	-0.0249	0	0	0
118.1333	-0.02	0.0088	0.0002	0.009
118.1667	-0.0203	0.0088	0.0015	0.0103
118.2	-0.0209	0.0219	0.0015	0.0235
118.2333	-0.0232	0.0219	0.0002	0.0221
118.2667	-0.02	0.0088	0.0015	0.0103
118.3	-0.0229	0.0088	0.0002	0.009
118.3333	-0.0219	0.0088	0.0015	0.0103
118.3667	-0.0209	0.0088	0.0015	0.0103
118.4	-0.0219	0.0088	0.0015	0.0103
118.4333	-0.0203	0.0088	0.0002	0.009
118.4667	-0.0203	0.0219	0.0002	0.0221
118.5	-0.02	0.0219	0.0002	0.0221
118.5333	-0.0216	0.0088	0.0002	0.009
118.5667	-0.0223	0.0351	0	0.0351
118.6	-0.0213	0.0219	0.0002	0.0221
118.6333	-0.0226	0.0351	0.0002	0.0353
118.6667	-0.0229	0.0219	0.0015	0.0235
118.7	-0.0223	0.0088	0.0002	0.009
118.7333	-0.0262	0.0088	0.0015	0.0103
118.7667	-0.0209	0.0088	0.0015	0.0103
118.8	-0.0216	0.0088	0.0002	0.009
118.8333	-0.0216	0.0088	0.0015	0.0103
118.8667	-0.0209	0.0088	0.0015	0.0103
118.9	-0.0232	0.0219	0.0002	0.0221
118.9333	-0.0186	0	0.0002	0.0002

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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
118.9667	-0.0209	0.0088	0.0002	0.009
119	-0.0213	0.0088	0.0002	0.009
119.0333	-0.0226	0.0219	0.0002	0.0221
119.0667	-0.0236	0.0219	0	0.0219
119.1	-0.0203	0.0219	0.0028	0.0248
119.1333	-0.0203	0.0219	0.0002	0.0221
119.1667	-0.02	0.0219	0	0.0219
119.2	-0.0226	0.0088	0.0002	0.009
119.2333	-0.0255	0	0.0002	0.0002
119.2667	-0.0216	0.0088	0.0015	0.0103
119.3	-0.0206	0	0.0015	0.0015
119.3333	-0.0232	0.0219	0.0015	0.0235
119.3667	-0.0252	0.0088	0.0002	0.009
119.4	-0.0232	0.0088	0.0015	0.0103
119.4333	-0.0216	0.0219	0.0002	0.0221
119.4667	-0.0213	0.0088	0.0015	0.0103
119.5	-0.02	0.0219	0.0002	0.0221
119.5333	-0.0223	0	0.0002	0.0002
119.5667	-0.0209	0.0219	0.0002	0.0221
119.6	-0.0229	0.0219	0.0015	0.0235
119.6333	-0.0219	0.0088	0.0002	0.009
119.6667	-0.0229	0	0.0002	0.0002
119.7	-0.0236	0.0088	0	0.0088
119.7333	-0.0242	0.0088	0.0002	0.009
119.7667	-0.0209	0.0088	0.0002	0.009
119.8	-0.0236	0.0088	0.0002	0.009
119.8333	-0.0259	0.0088	0.0015	0.0103
119.8667	-0.0236	0.0088	0.0015	0.0103
119.9	-0.0242	0.0219	0.0015	0.0235
119.9333	-0.0219	0.0219	0.0002	0.0221
119.9667	-0.0226	0.0088	0	0.0088
120	-0.0213	0.0219	0	0.0219
120.0333	-0.0193	0.0088	0.0002	0.009
120.0667	-0.0213	0.0219	0	0.0219
120.1	-0.02	0.0088	0.0002	0.009
120.1333	-0.0219	0	0.0002	0.0002
120.1667	-0.0216	0.0219	0.0015	0.0235
120.2	-0.0232	0.0088	0.0002	0.009
120.2333	-0.0232	0	0.0015	0.0015
120.2667	-0.02	0.0219	0.0028	0.0248
120.3	-0.0223	0.0088	0.0015	0.0103
120.3333	-0.0216	0.0088	0.0015	0.0103
120.3667	-0.0223	0.0351	0.0002	0.0353

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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
120.4	-0.0213	0.0219	0.0015	0.0235
120.4333	-0.0206	0.0219	0.0015	0.0235
120.4667	-0.0216	0.0219	0.0002	0.0221
120.5	-0.0209	0.0219	0.0002	0.0221
120.5333	-0.0246	0.0088	0.0015	0.0103
120.5667	-0.0206	0.0088	0	0.0088
120.6	-0.0196	0.0088	0.0002	0.009
120.6333	-0.0229	0.0088	0.0002	0.009
120.6667	-0.0226	0.0219	0.0015	0.0235
120.7	-0.0219	0.0088	0.0002	0.009
120.7333	-0.0219	0.0088	0	0.0088
120.7667	-0.0242	0.0088	0	0.0088
120.8	-0.0226	0.0088	0.0015	0.0103
120.8333	-0.0213	0.0088	0.0002	0.009
120.8667	-0.0223	0.0351	0.0015	0.0366
120.9	-0.0203	0.0088	0.0028	0.0116
120.9333	-0.0213	0.0219	0.0015	0.0235
120.9667	-0.0216	0.0219	0	0.0219
121	-0.0232	0.0088	0.0015	0.0103
121.0333	-0.0203	0.0219	0.0002	0.0221
121.0667	-0.0213	0.0219	0.0028	0.0248
121.1	-0.0236	0.0219	0.0028	0.0248
121.1333	-0.0216	0.0088	0.0015	0.0103
121.1667	-0.0209	0.0219	0.0002	0.0221
121.2	-0.0226	0.0088	0	0.0088
121.2333	-0.0219	0	0.0015	0.0015
121.2667	-0.0246	0.0088	0.0015	0.0103
121.3	-0.0239	0.0351	0.0015	0.0366
121.3333	-0.0226	0.0219	0.0002	0.0221
121.3667	-0.0219	0.0088	0	0.0088
121.4	-0.0196	0.0088	0.0028	0.0116
121.4333	-0.0236	0.0219	0.0002	0.0221
121.4667	-0.0239	0.0088	0.0002	0.009
121.5	-0.0186	0	0.0015	0.0015
121.5333	-0.0216	0.0088	0.0015	0.0103
121.5667	-0.0216	0.0219	0.0015	0.0235
121.6	-0.0209	0.0219	0.0002	0.0221
121.6333	-0.02	0.0088	0.0002	0.009
121.6667	-0.0213	0.0088	0	0.0088
121.7	-0.0223	0.0088	0.0015	0.0103
121.7333	-0.0239	0.0219	0.0002	0.0221
121.7667	-0.0236	0.0219	0.0002	0.0221
121.8	-0.0223	0.0219	0.0002	0.0221



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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
121.8333	-0.0219	0.0219	0	0.0219
121.8667	-0.0236	0.0088	0.0002	0.009
121.9	-0.0219	0.0219	0.0002	0.0221
121.9333	-0.0239	0.0219	0.0015	0.0235
121.9667	-0.0223	0.0351	0.0002	0.0353
122	-0.0246	0.0351	0.0028	0.0379
122.0333	-0.0232	0	0	0
122.0667	-0.0226	0.0219	0.0015	0.0235
122.1	-0.0203	0.0219	0	0.0219
122.1333	-0.0203	0.0088	0.0002	0.009
122.1667	-0.0203	0.0088	0.0015	0.0103
122.2	-0.018	0.0219	0.0002	0.0221
122.2333	-0.0226	0	0.0002	0.0002
122.2667	-0.0242	0.0088	0.0002	0.009
122.3	-0.0203	0	0.0002	0.0002
122.3333	-0.0209	0.0088	0.0002	0.009
122.3667	-0.0232	0.0219	0.0002	0.0221
122.4	-0.0229	0.0351	0.0002	0.0353
122.4333	-0.0246	0.0088	0	0.0088
122.4667	-0.0213	0.0351	0.0002	0.0353
122.5	-0.0223	0.0088	0	0.0088
122.5333	-0.0223	0	0.0015	0.0015
122.5667	-0.0232	0.0219	0.0002	0.0221
122.6	-0.0219	0.0219	0.0015	0.0235
122.6333	-0.0239	0.0088	0.0002	0.009
122.6667	-0.0223	0.0088	0.0002	0.009
122.7	-0.0213	0.0088	0.0002	0.009
122.7333	-0.0209	0.0088	0.0002	0.009
122.7667	-0.0183	0.0219	0.0015	0.0235
122.8	-0.0236	0.0219	0.0015	0.0235
122.8333	-0.0213	0.0351	0.0002	0.0353
122.8667	-0.0203	0	0.0002	0.0002
122.9	-0.02	0.0219	0.0015	0.0235
122.9333	-0.0209	0.0219	0.0015	0.0235
122.9667	-0.0213	0.0219	0.0015	0.0235
123	-0.0193	0.0088	0.0015	0.0103
123.0333	-0.0216	0.0088	0.0002	0.009
123.0667	-0.0232	0	0.0002	0.0002
123.1	-0.02	0	0.0015	0.0015
123.1333	-0.0232	0.0088	0.0015	0.0103
123.1667	-0.0206	0	0.0015	0.0015
123.2	-0.0209	0.0088	0.0015	0.0103
123.2333	-0.0213	0.0351	0.0015	0.0366

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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
123.2667	-0.0242	0.0219	0.0002	0.0221
123.3	-0.0242	0.0088	0.0002	0.009
123.3333	-0.0213	0.0219	0.0002	0.0221
123.3667	-0.0226	0.0088	0.0002	0.009
123.4	-0.0193	0.0088	0	0.0088
123.4333	-0.0193	0.0088	0.0002	0.009
123.4667	-0.0223	0.0219	0.0028	0.0248
123.5	-0.0223	0.0088	0.0002	0.009
123.5333	-0.0236	0.0219	0.0015	0.0235
123.5667	-0.0196	0.0219	0.0002	0.0221
123.6	-0.0213	0.0088	0.0015	0.0103
123.6333	-0.0216	0.0088	0.0002	0.009
123.6667	-0.0209	0.0088	0.0002	0.009
123.7	-0.0196	0	0.0002	0.0002
123.7333	-0.019	0.0219	0.0002	0.0221
123.7667	-0.0236	0.0219	0.0002	0.0221
123.8	-0.0223	0.0088	0.0015	0.0103
123.8333	-0.0229	0.0219	0.0002	0.0221
123.8667	-0.0229	0.0088	0.0002	0.009
123.9	-0.0226	0.0351	0	0.0351
123.9333	-0.0229	0.0219	0.0002	0.0221
123.9667	-0.0223	0.0351	0.0015	0.0366
124	-0.0213	0.0219	0.0015	0.0235
124.0333	-0.0216	0.0219	0.0002	0.0221
124.0667	-0.0209	0.0088	0.0015	0.0103
124.1	-0.0232	0.0088	0.0002	0.009
124.1333	-0.0242	0.0088	0.0015	0.0103
124.1667	-0.0206	0.0219	0.0002	0.0221
124.2	-0.0193	0.0088	0.0015	0.0103
124.2333	-0.0232	0.0088	0.0015	0.0103
124.2667	-0.0209	0	0.0015	0.0015
124.3	-0.0242	0.0219	0.0002	0.0221
124.3333	-0.0206	0.0088	0.0002	0.009
124.3667	-0.0223	0.0351	0.0015	0.0366
124.4	-0.0232	0.0351	0.0002	0.0353
124.4333	-0.0193	0.0219	0.0015	0.0235
124.4667	-0.0193	0.0088	0.0015	0.0103
124.5	-0.0216	0.0219	0.0015	0.0235
124.5333	-0.0223	0.0088	0.0002	0.009
124.5667	-0.0232	0.0088	0.0015	0.0103
124.6	-0.0206	0.0219	0.0028	0.0248
124.6333	-0.0229	0.0351	0.0002	0.0353
124.6667	-0.0226	0.0351	0.0002	0.0353

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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
124.7	-0.02	0	0	0
124.7333	-0.0226	0.0219	0.0015	0.0235
124.7667	-0.0203	0.0219	0.0002	0.0221
124.8	-0.0203	0	0.0002	0.0002
124.8333	-0.0236	0.0088	0.0015	0.0103
124.8667	-0.0226	0.0088	0.0002	0.009
124.9	-0.0196	0.0088	0.0028	0.0116
124.9333	-0.0203	0.0219	0	0.0219
124.9667	-0.0196	0.0088	0.0015	0.0103
125	-0.0249	0.0088	0.0002	0.009
125.0333	-0.0229	0.0088	0.0015	0.0103
125.0667	-0.0223	0	0.0015	0.0015
125.1	-0.0226	0.0219	0.0002	0.0221
125.1333	-0.0213	0.0219	0.0015	0.0235
125.1667	-0.0236	0.0088	0.0015	0.0103
125.2	-0.0223	0.0088	0	0.0088
125.2333	-0.0229	0.0219	0.0015	0.0235
125.2667	-0.0229	0.0088	0.0002	0.009
125.3	-0.0236	0.0351	0.0015	0.0366
125.3333	-0.0203	0.0351	0.0002	0.0353
125.3667	-0.0219	0.0219	0.0015	0.0235
125.4	-0.0226	0	0.0002	0.0002
125.4333	-0.0246	0.0088	0.0015	0.0103
125.4667	-0.0209	0.0219	0.0015	0.0235
125.5	-0.0216	0.0219	0.0002	0.0221
125.5333	-0.0219	0.0088	0.0015	0.0103
125.5667	-0.0236	0.0351	0.0015	0.0366
125.6	-0.0242	0.0088	0.0002	0.009
125.6333	-0.0226	0.0219	0.0015	0.0235
125.6667	-0.0213	0.0088	0.0002	0.009
125.7	-0.0216	0.0088	0.0002	0.009
125.7333	-0.0213	0.0088	0.0015	0.0103
125.7667	-0.0213	0.0219	0.0028	0.0248
125.8	-0.0236	0.0088	0.0028	0.0116
125.8333	-0.0229	0.0219	0.0002	0.0221
125.8667	-0.0229	0.0088	0.0002	0.009
125.9	-0.0196	0.0088	0.0015	0.0103
125.9333	-0.0236	0	0.0015	0.0015
125.9667	-0.0206	0.0219	0.0002	0.0221
126	-0.0239	0	0.0002	0.0002
126.0333	-0.0252	0.0219	0.0002	0.0221
126.0667	-0.0226	0.0219	0.0015	0.0235
126.1	-0.0239	0.0088	0.0002	0.009

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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
126.1333	-0.0216	0.0219	0.0002	0.0221
126.1667	-0.0226	0.0088	0.0015	0.0103
126.2	-0.0229	0	0.0002	0.0002
126.2333	-0.0203	0.0219	0.0002	0.0221
126.2667	-0.0252	0.0219	0.0015	0.0235
126.3	-0.0223	0.0088	0.0015	0.0103
126.3333	-0.0249	0	0.0042	0.0042
126.3667	-0.0246	0.0088	0.0002	0.009
126.4	-0.0239	0.0088	0.0002	0.009
126.4333	-0.0213	0.0219	0.0002	0.0221
126.4667	-0.02	0.0219	0.0002	0.0221
126.5	-0.0226	0	0.0002	0.0002
126.5333	-0.0213	0.0088	0	0.0088
126.5667	-0.0173	0.0088	0	0.0088
126.6	-0.0229	0.0351	0	0.0351
126.6333	-0.0242	0.0088	0.0002	0.009
126.6667	-0.0249	0.0351	0.0028	0.0379
126.7	-0.02	0.0219	0.0002	0.0221
126.7333	-0.0223	0.0351	0.0002	0.0353
126.7667	-0.0206	0.0219	0.0002	0.0221
126.8	-0.0223	0.0088	0.0015	0.0103
126.8333	-0.0216	0.0088	0	0.0088
126.8667	-0.0232	0	0.0002	0.0002
126.9	-0.0203	0.0351	0.0002	0.0353
126.9333	-0.0246	0.0088	0.0002	0.009
126.9667	-0.02	0.0088	0.0028	0.0116
127	-0.0209	0.0219	0.0002	0.0221
127.0333	-0.0226	0	0.0002	0.0002
127.0667	-0.0239	0.0088	0.0002	0.009
127.1	-0.0196	0.0219	0	0.0219
127.1333	-0.0203	0.0088	0.0002	0.009
127.1667	-0.0229	0.0219	0.0015	0.0235
127.2	-0.0193	0.0088	0.0002	0.009
127.2333	-0.0203	0	0.0002	0.0002
127.2667	-0.0236	0.0088	0	0.0088
127.3	-0.0232	0.0088	0.0002	0.009
127.3333	-0.0209	0.0088	0.0002	0.009
127.3667	-0.0209	0.0088	0.0015	0.0103
127.4	-0.0203	0.0219	0.0002	0.0221
127.4333	-0.0203	0.0351	0.0002	0.0353
127.4667	-0.0216	0.0219	0.0015	0.0235
127.5	-0.019	0	0.0015	0.0015
127.5333	-0.0223	0	0.0002	0.0002

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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
127.5667	-0.0209	0.0088	0.0002	0.009
127.6	-0.0226	0.0088	0.0002	0.009
127.6333	-0.0209	0.0219	0.0002	0.0221
127.6667	-0.0223	0.0088	0.0015	0.0103
127.7	-0.0216	0.0219	0.0015	0.0235
127.7333	-0.0236	0.0088	0.0002	0.009
127.7667	-0.0213	0.0219	0.0015	0.0235
127.8	-0.0223	0	0.0002	0.0002
127.8333	-0.0219	0.0219	0.0002	0.0221
127.8667	-0.0229	0.0088	0.0002	0.009
127.9	-0.0229	0	0.0002	0.0002
127.9333	-0.0226	0.0088	0.0002	0.009
127.9667	-0.0216	0.0351	0.0002	0.0353
128	-0.0216	0.0351	0.0015	0.0366
128.0333	-0.0232	0.0088	0	0.0088
128.0667	-0.0223	0.0088	0.0028	0.0116
128.1	-0.0229	0.0088	0.0015	0.0103
128.1333	-0.0216	0.0088	0.0002	0.009
128.1667	-0.0193	0.0088	0.0002	0.009
128.2	-0.0203	0	0	0
128.2333	-0.0196	0.0088	0.0002	0.009
128.2667	-0.0203	0.0219	0.0015	0.0235
128.3	-0.0206	0.0219	0.0002	0.0221
128.3333	-0.0213	0.0088	0.0002	0.009
128.3667	-0.0223	0.0088	0.0002	0.009
128.4	-0.0236	0.0219	0.0002	0.0221
128.4333	-0.0206	0.0219	0.0002	0.0221
128.4667	-0.0219	0.0219	0.0002	0.0221
128.5	-0.0219	0.0088	0.0002	0.009
128.5333	-0.0229	0.0088	0.0015	0.0103
128.5667	-0.0229	0.0088	0.0002	0.009
128.6	-0.0203	0.0088	0.0002	0.009
128.6333	-0.0203	0.0219	0	0.0219
128.6667	-0.0246	0.0219	0.0015	0.0235
128.7	-0.0226	0.0351	0	0.0351
128.7333	-0.019	0.0219	0.0002	0.0221
128.7667	-0.0219	0.0219	0.0002	0.0221
128.8	-0.0236	0	0.0015	0.0015
128.8333	-0.0246	0.0219	0.0002	0.0221
128.8667	-0.0216	0.0219	0.0015	0.0235
128.9	-0.0213	0.0219	0.0002	0.0221
128.9333	-0.019	0.0351	0.0015	0.0366
128.9667	-0.0236	0.0088	0.0015	0.0103

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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
129	-0.0203	0.0351	0.0015	0.0366
129.0333	-0.0219	0.0219	0.0002	0.0221
129.0667	-0.0183	0.0219	0.0015	0.0235
129.1	-0.0226	0.0219	0.0002	0.0221
129.1333	-0.0242	0.0088	0.0002	0.009
129.1667	-0.0219	0.0088	0.0028	0.0116
129.2	-0.0216	0.0219	0.0002	0.0221
129.2333	-0.0203	0.0219	0.0015	0.0235
129.2667	-0.0219	0.0088	0.0015	0.0103
129.3	-0.0206	0.0219	0.0002	0.0221
129.3333	-0.0206	0.0219	0.0002	0.0221
129.3667	-0.0196	0.0219	0.0015	0.0235
129.4	-0.0216	0.0088	0.0002	0.009
129.4333	-0.0206	0.0088	0.0015	0.0103
129.4667	-0.0213	0.0219	0.0002	0.0221
129.5	-0.02	0.0088	0.0015	0.0103
129.5333	-0.0236	0.0088	0.0002	0.009
129.5667	-0.0229	0.0088	0.0002	0.009
129.6	-0.0196	0.0088	0.0015	0.0103
129.6333	-0.02	0.0088	0.0002	0.009
129.6667	-0.02	0.0088	0.0028	0.0116
129.7	-0.0213	0.0219	0.0015	0.0235
129.7333	-0.0236	0.0219	0.0002	0.0221
129.7667	-0.0196	0	0	0
129.8	-0.0209	0.0088	0.0002	0.009
129.8333	-0.0223	0.0088	0.0015	0.0103
129.8667	-0.02	0	0.0002	0.0002
129.9	-0.0219	0	0.0015	0.0015
129.9333	-0.0226	0.0088	0.0002	0.009
129.9667	-0.0223	0.0088	0.0015	0.0103
130	-0.0213	0.0219	0.0015	0.0235
130.0333	-0.0236	0.0088	0.0002	0.009
130.0667	-0.0183	0	0.0015	0.0015
130.1	-0.0223	0.0351	0.0015	0.0366
130.1333	-0.0193	0.0088	0.0002	0.009
130.1667	-0.0213	0.0088	0.0002	0.009
130.2	-0.0229	0.0219	0.0002	0.0221
130.2333	-0.0203	0.0219	0.0002	0.0221
130.2667	-0.0203	0.0088	0.0002	0.009
130.3	-0.0209	0.0088	0.0002	0.009
130.3333	-0.0206	0.0088	0.0002	0.009
130.3667	-0.0236	0.0219	0.0015	0.0235
130.4	-0.019	0.0219	0.0002	0.0221



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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
130.4333	-0.0206	0.0088	0.0002	0.009
130.4667	-0.0216	0.0088	0.0002	0.009
130.5	-0.0196	0.0219	0.0015	0.0235
130.5333	-0.0213	0.0088	0	0.0088
130.5667	-0.0236	0	0.0002	0.0002
130.6	-0.0206	0	0.0015	0.0015
130.6333	-0.0239	0.0219	0.0002	0.0221
130.6667	-0.0216	0.0219	0.0015	0.0235
130.7	-0.0242	0	0.0015	0.0015
130.7333	-0.0193	0	0	0
130.7667	-0.0219	0.0088	0.0028	0.0116
130.8	-0.0186	0.0219	0.0002	0.0221
130.8333	-0.0203	0.0351	0.0028	0.0379
130.8667	-0.0255	0.0219	0.0015	0.0235
130.9	-0.0219	0.0088	0	0.0088
130.9333	-0.0209	0.0219	0.0015	0.0235
130.9667	-0.0216	0.0088	0.0002	0.009
131	-0.0246	0.0482	0.0002	0.0484
131.0333	-0.0193	0.0088	0.0015	0.0103
131.0667	-0.0236	0.0088	0.0002	0.009
131.1	-0.0236	0.0219	0.0002	0.0221
131.1333	-0.02	0.0088	0.0015	0.0103
131.1667	-0.0193	0.0088	0.0015	0.0103
131.2	-0.0206	0.0219	0	0.0219
131.2333	-0.02	0.0088	0.0015	0.0103
131.2667	-0.0203	0.0088	0	0.0088
131.3	-0.0216	0.0088	0.0015	0.0103
131.3333	-0.0239	0.0088	0.0002	0.009
131.3667	-0.0236	0.0219	0.0002	0.0221
131.4	-0.0226	0.0088	0.0015	0.0103
131.4333	-0.0216	0.0219	0.0015	0.0235
131.4667	-0.0226	0.0219	0.0015	0.0235
131.5	-0.0236	0.0088	0.0015	0.0103
131.5333	-0.0196	0.0219	0.0015	0.0235
131.5667	-0.0213	0.0219	0.0015	0.0235
131.6	-0.019	0.0219	0.0002	0.0221
131.6333	-0.0232	0.0088	0.0002	0.009
131.6667	-0.0219	0.0219	0	0.0219
131.7	-0.0213	0	0.0002	0.0002
131.7333	-0.0249	0.0088	0.0002	0.009
131.7667	-0.0186	0.0219	0.0015	0.0235
131.8	-0.0249	0.0219	0.0002	0.0221
131.8333	-0.019	0.0088	0.0002	0.009

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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
131.8667	-0.0236	0.0219	0.0015	0.0235
131.9	-0.0236	0.0088	0.0015	0.0103
131.9333	-0.0246	0.0219	0.0002	0.0221
131.9667	-0.0209	0.0088	0.0015	0.0103
132	-0.0206	0.0088	0.0002	0.009
132.0333	-0.0219	0.0219	0.0015	0.0235
132.0667	-0.0223	0.0351	0.0002	0.0353
132.1	-0.02	0.0219	0.0015	0.0235
132.1333	-0.019	0.0088	0.0002	0.009
132.1667	-0.019	0.0088	0.0002	0.009
132.2	-0.0242	0.0219	0.0002	0.0221
132.2333	-0.0213	0.0088	0.0015	0.0103
132.2667	-0.0219	0.0088	0.0015	0.0103
132.3	-0.0209	0.0088	0.0002	0.009
132.3333	-0.0206	0.0219	0.0015	0.0235
132.3667	-0.0229	0.0088	0.0015	0.0103
132.4	-0.0239	0.0088	0	0.0088
132.4333	-0.0216	0.0219	0.0015	0.0235
132.4667	-0.0236	0.0088	0.0002	0.009
132.5	-0.0249	0.0088	0.0002	0.009
132.5333	-0.0213	0.0219	0.0015	0.0235
132.5667	-0.0232	0	0.0015	0.0015
132.6	-0.0206	0	0.0015	0.0015
132.6333	-0.0226	0.0088	0.0015	0.0103
132.6667	-0.0216	0.0088	0.0002	0.009
132.7	-0.0236	0.0219	0.0015	0.0235
132.7333	-0.018	0.0088	0.0002	0.009
132.7667	-0.0206	0.0088	0.0002	0.009
132.8	-0.0232	0.0088	0.0015	0.0103
132.8333	-0.0229	0	0.0002	0.0002
132.8667	-0.0249	0	0.0002	0.0002
132.9	-0.0219	0.0088	0.0015	0.0103
132.9333	-0.0209	0.0219	0.0002	0.0221
132.9667	-0.0226	0.0219	0	0.0219
133	-0.0236	0.0088	0.0002	0.009
133.0333	-0.0213	0.0088	0.0002	0.009
133.0667	-0.0223	0.0219	0.0015	0.0235
133.1	-0.0206	0.0088	0.0015	0.0103
133.1333	-0.0216	0.0088	0.0002	0.009
133.1667	-0.0213	0	0.0002	0.0002
133.2	-0.019	0.0088	0.0002	0.009
133.2333	-0.0196	0.0219	0.0015	0.0235
133.2667	-0.0232	0	0.0002	0.0002

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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
133.3	-0.0236	0.0088	0.0002	0.009
133.3333	-0.0232	0.0219	0.0015	0.0235
133.3667	-0.0209	0	0.0002	0.0002
133.4	-0.0206	0.0219	0.0002	0.0221
133.4333	-0.0203	0.0219	0.0002	0.0221
133.4667	-0.0206	0	0.0002	0.0002
133.5	-0.0206	0.0088	0.0028	0.0116
133.5333	-0.019	0.0088	0.0015	0.0103
133.5667	-0.0239	0.0219	0.0002	0.0221
133.6	-0.02	0.0219	0.0015	0.0235
133.6333	-0.0223	0.0088	0.0002	0.009
133.6667	-0.0259	0	0.0002	0.0002
133.7	-0.0213	0.0219	0.0002	0.0221
133.7333	-0.0203	0.0088	0.0002	0.009
133.7667	-0.0226	0.0219	0.0002	0.0221
133.8	-0.0203	0.0219	0.0015	0.0235
133.8333	-0.0226	0.0088	0.0002	0.009
133.8667	-0.0216	0.0088	0.0002	0.009
133.9	-0.018	0.0351	0.0028	0.0379
133.9333	-0.02	0.0088	0.0002	0.009
133.9667	-0.0219	0.0088	0.0015	0.0103
134	-0.0213	0.0219	0.0015	0.0235
134.0333	-0.0209	0.0088	0.0015	0.0103
134.0667	-0.0186	0.0219	0.0015	0.0235
134.1	-0.0219	0.0219	0.0015	0.0235
134.1333	-0.0196	0.0088	0.0028	0.0116
134.1667	-0.0213	0.0219	0.0002	0.0221
134.2	-0.0223	0	0.0002	0.0002
134.2333	-0.0239	0.0088	0.0002	0.009
134.2667	-0.0203	0.0219	0.0002	0.0221
134.3	-0.0216	0.0219	0.0002	0.0221
134.3333	-0.0236	0.0219	0.0015	0.0235
134.3667	-0.0213	0.0088	0.0015	0.0103
134.4	-0.0216	0.0219	0.0028	0.0248
134.4333	-0.0206	0.0088	0.0028	0.0116
134.4667	-0.0196	0.0088	0.0002	0.009
134.5	-0.0206	0.0088	0.0002	0.009
134.5333	-0.0229	0.0219	0.0002	0.0221
134.5667	-0.0232	0.0088	0.0002	0.009
134.6	-0.0236	0.0088	0.0002	0.009
134.6333	-0.0206	0.0088	0.0002	0.009
134.6667	-0.0226	0.0351	0.0002	0.0353
134.7	-0.0226	0.0088	0.0015	0.0103

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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
134.7333	-0.0236	0.0088	0.0015	0.0103
134.7667	-0.0219	0.0088	0.0002	0.009
134.8	-0.0193	0.0219	0.0002	0.0221
134.8333	-0.02	0.0219	0.0015	0.0235
134.8667	-0.0223	0.0219	0.0002	0.0221
134.9	-0.0209	0	0.0002	0.0002
134.9333	-0.0236	0.0219	0.0028	0.0248
134.9667	-0.0252	0.0088	0.0002	0.009
135	-0.0223	0	0.0015	0.0015
135.0333	-0.0239	0.0088	0.0002	0.009
135.0667	-0.0229	0.0088	0.0002	0.009
135.1	-0.0213	0	0.0015	0.0015
135.1333	-0.0213	0.0219	0.0002	0.0221
135.1667	-0.0232	0.0219	0.0015	0.0235
135.2	-0.0232	0.0219	0.0015	0.0235
135.2333	-0.0226	0.0219	0.0002	0.0221
135.2667	-0.0223	0.0088	0.0015	0.0103
135.3	-0.02	0.0219	0.0015	0.0235
135.3333	-0.0209	0.0219	0.0015	0.0235
135.3667	-0.02	0.0088	0.0002	0.009
135.4	-0.0213	0	0.0028	0.0028
135.4333	-0.0213	0.0088	0.0002	0.009
135.4667	-0.0223	0	0.0002	0.0002
135.5	-0.0219	0.0219	0.0002	0.0221
135.5333	-0.0229	0.0088	0.0015	0.0103
135.5667	-0.0232	0.0088	0.0028	0.0116
135.6	-0.0232	0.0219	0.0002	0.0221
135.6333	-0.0223	0.0088	0.0002	0.009
135.6667	-0.0239	0.0219	0.0015	0.0235
135.7	-0.0203	0.0219	0.0015	0.0235
135.7333	-0.0236	0	0.0015	0.0015
135.7667	-0.0246	0	0	0
135.8	-0.0216	0.0088	0	0.0088
135.8333	-0.0209	0.0219	0.0002	0.0221
135.8667	-0.0232	0.0219	0	0.0219
135.9	-0.0219	0.0219	0.0015	0.0235
135.9333	-0.0203	0.0088	0.0002	0.009
135.9667	-0.0219	0.0219	0.0002	0.0221
136	-0.0216	0.0219	0.0002	0.0221
136.0333	-0.0206	0	0.0002	0.0002
136.0667	-0.0209	0.0219	0.0015	0.0235
136.1	-0.0229	0.0088	0.0015	0.0103
136.1333	-0.0236	0.0219	0	0.0219

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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
136.1667	-0.0236	0.0088	0	0.0088
136.2	-0.0209	0.0088	0.0002	0.009
136.2333	-0.0236	0.0088	0.0015	0.0103
136.2667	-0.0219	0.0219	0	0.0219
136.3	-0.0196	0.0219	0.0002	0.0221
136.3333	-0.0216	0.0088	0.0002	0.009
136.3667	-0.019	0.0088	0.0015	0.0103
136.4	-0.0209	0.0219	0.0002	0.0221
136.4333	-0.0236	0.0088	0.0015	0.0103
136.4667	-0.0246	0.0219	0.0015	0.0235
136.5	-0.0206	0.0088	0.0028	0.0116
136.5333	-0.02	0.0219	0.0015	0.0235
136.5667	-0.0209	0.0219	0.0002	0.0221
136.6	-0.0223	0.0088	0.0015	0.0103
136.6333	-0.0223	0.0088	0.0002	0.009
136.6667	-0.0223	0.0088	0.0002	0.009
136.7	-0.0209	0.0088	0.0002	0.009
136.7333	-0.0206	0.0088	0	0.0088
136.7667	-0.0229	0.0219	0.0002	0.0221
136.8	-0.0229	0.0088	0.0015	0.0103
136.8333	-0.0252	0.0088	0	0.0088
136.8667	-0.0213	0.0351	0.0015	0.0366
136.9	-0.0223	0.0088	0	0.0088
136.9333	-0.0203	0.0088	0.0002	0.009
136.9667	-0.0209	0	0.0015	0.0015
137	-0.0206	0.0219	0.0015	0.0235
137.0333	-0.02	0.0219	0.0002	0.0221
137.0667	-0.0229	0.0088	0.0015	0.0103
137.1	-0.0236	0	0.0015	0.0015
137.1333	-0.0206	0.0088	0.0002	0.009
137.1667	-0.0206	0.0219	0.0015	0.0235
137.2	-0.0186	0.0219	0.0002	0.0221
137.2333	-0.0213	0.0088	0.0015	0.0103
137.2667	-0.0232	0.0088	0.0002	0.009
137.3	-0.0213	0.0219	0.0015	0.0235
137.3333	-0.02	0.0219	0	0.0219
137.3667	-0.0232	0.0088	0.0002	0.009
137.4	-0.0206	0.0219	0.0002	0.0221
137.4333	-0.02	0.0088	0.0002	0.009
137.4667	-0.0226	0.0219	0.0015	0.0235
137.5	-0.0206	0.0351	0.0028	0.0379
137.5333	-0.0239	0.0088	0.0002	0.009
137.5667	-0.0209	0.0088	0.0002	0.009

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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
137.6	-0.0236	0.0088	0.0002	0.009
137.6333	-0.0213	0.0219	0.0002	0.0221
137.6667	-0.0223	0.0219	0.0002	0.0221
137.7	-0.0209	0.0219	0	0.0219
137.7333	-0.0232	0.0088	0.0015	0.0103
137.7667	-0.0206	0.0088	0.0002	0.009
137.8	-0.0216	0.0088	0	0.0088
137.8333	-0.0209	0	0.0002	0.0002
137.8667	-0.0236	0.0219	0.0002	0.0221
137.9	-0.0209	0.0088	0.0028	0.0116
137.9333	-0.0196	0.0219	0.0002	0.0221
137.9667	-0.0223	0.0219	0	0.0219
138	-0.0219	0.0088	0.0002	0.009
138.0333	-0.0186	0.0088	0.0002	0.009
138.0667	-0.0206	0	0	0
138.1	-0.0219	0.0219	0.0015	0.0235
138.1333	-0.0206	0.0088	0.0015	0.0103
138.1667	-0.0232	0.0219	0.0015	0.0235
138.2	-0.0213	0.0219	0.0002	0.0221
138.2333	-0.0209	0.0088	0.0028	0.0116
138.2667	-0.0232	0.0088	0.0002	0.009
138.3	-0.0223	0.0219	0.0002	0.0221
138.3333	-0.0209	0	0.0015	0.0015
138.3667	-0.02	0.0088	0	0.0088
138.4	-0.0246	0.0219	0.0002	0.0221
138.4333	-0.0232	0.0088	0	0.0088
138.4667	-0.0226	0.0088	0.0015	0.0103
138.5	-0.0219	0.0219	0.0015	0.0235
138.5333	-0.0196	0.0088	0.0002	0.009
138.5667	-0.0216	0.0088	0.0002	0.009
138.6	-0.0242	0.0219	0.0015	0.0235
138.6333	-0.0209	0	0.0002	0.0002
138.6667	-0.0239	0.0219	0.0015	0.0235
138.7	-0.0246	0.0219	0.0015	0.0235
138.7333	-0.0265	0.0088	0.0002	0.009
138.7667	-0.0229	0.0088	0.0015	0.0103
138.8	-0.0213	0.0219	0.0015	0.0235
138.8333	-0.0193	0.0219	0.0002	0.0221
138.8667	-0.0223	0.0088	0.0015	0.0103
138.9	-0.0246	0.0219	0.0015	0.0235
138.9333	-0.0209	0.0219	0.0015	0.0235
138.9667	-0.0216	0.0219	0.0015	0.0235
139	-0.0223	0	0	0



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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
139.0333	-0.0209	0.0088	0.0015	0.0103
139.0667	-0.0226	0.0219	0.0028	0.0248
139.1	-0.0232	0	0.0015	0.0015
139.1333	-0.0213	0.0219	0.0015	0.0235
139.1667	-0.0252	0.0219	0.0002	0.0221
139.2	-0.0213	0.0219	0.0002	0.0221
139.2333	-0.0242	0.0088	0.0015	0.0103
139.2667	-0.0213	0.0088	0.0015	0.0103
139.3	-0.0223	0	0.0002	0.0002
139.3333	-0.0209	0.0219	0.0002	0.0221
139.3667	-0.0229	0.0088	0.0002	0.009
139.4	-0.0209	0.0219	0.0015	0.0235
139.4333	-0.0203	0.0351	0.0015	0.0366
139.4667	-0.0216	0.0088	0.0002	0.009
139.5	-0.0209	0.0088	0	0.0088
139.5333	-0.02	0	0.0015	0.0015
139.5667	-0.0232	0.0088	0.0015	0.0103
139.6	-0.0203	0.0219	0	0.0219
139.6333	-0.0203	0.0351	0.0002	0.0353
139.6667	-0.0246	0.0088	0.0028	0.0116
139.7	-0.0219	0.0088	0.0015	0.0103
139.7333	-0.0209	0.0219	0.0002	0.0221
139.7667	-0.0196	0.0219	0.0015	0.0235
139.8	-0.0232	0	0.0002	0.0002
139.8333	-0.0232	0	0.0015	0.0015
139.8667	-0.0219	0.0351	0.0015	0.0366
139.9	-0.0213	0.0088	0	0.0088
139.9333	-0.0206	0.0219	0.0002	0.0221
139.9667	-0.0206	0.0088	0.0002	0.009
140	-0.0216	0.0219	0.0015	0.0235
140.0333	-0.0203	0.0088	0.0015	0.0103
140.0667	-0.0232	0.0219	0.0002	0.0221
140.1	-0.0209	0	0.0002	0.0002
140.1333	-0.0216	0.0088	0.0015	0.0103
140.1667	-0.0229	0.0088	0.0015	0.0103
140.2	-0.02	0.0088	0	0.0088
140.2333	-0.0206	0.0088	0.0015	0.0103
140.2667	-0.0226	0.0219	0.0015	0.0235
140.3	-0.0229	0.0219	0.0015	0.0235
140.3333	-0.0213	0.0219	0.0015	0.0235
140.3667	-0.0209	0.0088	0	0.0088
140.4	-0.0213	0.0088	0	0.0088
140.4333	-0.0223	0	0.0015	0.0015

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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
140.4667	-0.0193	0.0351	0.0002	0.0353
140.5	-0.0213	0.0088	0.0002	0.009
140.5333	-0.0213	0.0219	0.0015	0.0235
140.5667	-0.0229	0.0088	0.0002	0.009
140.6	-0.0203	0	0.0002	0.0002
140.6333	-0.0246	0.0088	0.0015	0.0103
140.6667	-0.0226	0.0088	0.0028	0.0116
140.7	-0.0193	0.0088	0.0015	0.0103
140.7333	-0.0203	0	0.0015	0.0015
140.7667	-0.0209	0.0351	0.0002	0.0353
140.8	-0.0209	0.0219	0	0.0219
140.8333	-0.0223	0	0.0002	0.0002
140.8667	-0.0193	0.0219	0.0002	0.0221
140.9	-0.0183	0.0088	0.0015	0.0103
140.9333	-0.0229	0.0351	0.0002	0.0353
140.9667	-0.0216	0	0.0015	0.0015
141	-0.0242	0.0088	0.0015	0.0103
141.0333	-0.0239	0.0219	0.0002	0.0221
141.0667	-0.0206	0.0088	0.0015	0.0103
141.1	-0.0223	0	0.0015	0.0015
141.1333	-0.0206	0.0088	0.0015	0.0103
141.1667	-0.0219	0.0088	0.0015	0.0103
141.2	-0.0196	0.0351	0.0002	0.0353
141.2333	-0.0193	0.0219	0.0002	0.0221
141.2667	-0.0223	0.0088	0.0015	0.0103
141.3	-0.0219	0.0219	0.0002	0.0221
141.3333	-0.0236	0	0.0015	0.0015
141.3667	-0.0209	0.0088	0.0028	0.0116
141.4	-0.0216	0.0088	0.0028	0.0116
141.4333	-0.0223	0.0088	0.0002	0.009
141.4667	-0.0223	0.0088	0.0015	0.0103
141.5	-0.0203	0.0219	0.0015	0.0235
141.5333	-0.0216	0.0219	0.0028	0.0248
141.5667	-0.02	0.0088	0.0002	0.009
141.6	-0.0186	0.0351	0.0002	0.0353
141.6333	-0.0216	0.0219	0.0002	0.0221
141.6667	-0.02	0.0219	0.0015	0.0235
141.7	-0.0232	0	0.0015	0.0015
141.7333	-0.0209	0.0219	0.0002	0.0221
141.7667	-0.0226	0.0219	0.0002	0.0221
141.8	-0.02	0.0351	0.0015	0.0366
141.8333	-0.02	0.0351	0.0002	0.0353
141.8667	-0.0216	0.0219	0.0028	0.0248

AREVA NP, Inc.

Project No. G101276459SAT-003

July 30, 2013

Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
141.9	-0.0223	0.0351	0.0002	0.0353
141.9333	-0.0219	0.0351	0.0002	0.0353
141.9667	-0.0206	0.0088	0.0015	0.0103
142	-0.0213	0.0219	0.0002	0.0221
142.0333	-0.0216	0.0088	0.0002	0.009
142.0667	-0.0223	0.0088	0.0015	0.0103
142.1	-0.0236	0.0088	0.0002	0.009
142.1333	-0.0223	0	0.0002	0.0002
142.1667	-0.0213	0.0219	0.0002	0.0221
142.2	-0.0226	0.0088	0.0002	0.009
142.2333	-0.0236	0.0088	0.0028	0.0116
142.2667	-0.0232	0.0088	0.0002	0.009
142.3	-0.0226	0.0351	0	0.0351
142.3333	-0.0236	0.0088	0.0002	0.009
142.3667	-0.0236	0.0088	0.0015	0.0103
142.4	-0.0226	0.0088	0	0.0088
142.4333	-0.0219	0.0088	0.0002	0.009
142.4667	-0.0216	0.0088	0.0015	0.0103
142.5	-0.0206	0.0088	0.0015	0.0103
142.5333	-0.0209	0.0088	0.0015	0.0103
142.5667	-0.0209	0.0088	0.0002	0.009
142.6	-0.0232	0.0219	0.0002	0.0221
142.6333	-0.0242	0.0351	0.0015	0.0366
142.6667	-0.0186	0.0088	0.0002	0.009
142.7	-0.0226	0.0219	0.0002	0.0221
142.7333	-0.0226	0.0088	0	0.0088
142.7667	-0.0193	0.0219	0	0.0219
142.8	-0.0213	0.0219	0.0002	0.0221
142.8333	-0.0226	0.0088	0.0015	0.0103
142.8667	-0.0255	0.0088	0.0002	0.009
142.9	-0.02	0.0219	0.0015	0.0235
142.9333	-0.02	0.0088	0.0015	0.0103
142.9667	-0.0203	0.0088	0.0002	0.009
143	-0.0209	0.0219	0.0015	0.0235
143.0333	-0.017	0	0.0015	0.0015
143.0667	-0.0193	0.0088	0.0002	0.009
143.1	-0.0216	0.0219	0.0015	0.0235
143.1333	-0.0223	0.0219	0.0002	0.0221
143.1667	-0.0236	0.0088	0.0002	0.009
143.2	-0.0203	0.0088	0.0002	0.009
143.2333	-0.0213	0.0088	0	0.0088
143.2667	-0.0209	0	0.0042	0.0042
143.3	-0.0183	0.0088	0.0002	0.009

AREVA NP, Inc.

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July 30, 2013

Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
143.3333	-0.0226	0.0088	0.0002	0.009
143.3667	-0.02	0.0219	0.0002	0.0221
143.4	-0.0209	0.0351	0.0002	0.0353
143.4333	-0.0213	0.0219	0.0002	0.0221
143.4667	-0.0209	0.0219	0.0002	0.0221
143.5	-0.0206	0.0088	0.0015	0.0103
143.5333	-0.0226	0.0351	0.0002	0.0353
143.5667	-0.0246	0.0088	0.0015	0.0103
143.6	-0.0213	0.0088	0.0028	0.0116
143.6333	-0.0223	0.0219	0.0002	0.0221
143.6667	-0.0236	0.0088	0.0002	0.009
143.7	-0.0229	0.0219	0.0015	0.0235
143.7333	-0.0223	0.0219	0.0002	0.0221
143.7667	-0.0186	0.0088	0.0002	0.009
143.8	-0.0203	0.0088	0.0015	0.0103
143.8333	-0.0203	0.0088	0	0.0088
143.8667	-0.0216	0.0088	0.0028	0.0116
143.9	-0.0213	0.0088	0.0002	0.009
143.9333	-0.0213	0.0351	0.0002	0.0353
143.9667	-0.02	0.0088	0.0002	0.009
144	-0.0206	0.0088	0.0015	0.0103
144.0333	-0.0223	0.0088	0.0015	0.0103
144.0667	-0.0216	0.0219	0.0015	0.0235
144.1	-0.0206	0.0219	0.0002	0.0221
144.1333	-0.0229	0.0088	0.0015	0.0103
144.1667	-0.02	0.0219	0.0002	0.0221
144.2	-0.0229	0.0088	0	0.0088
144.2333	-0.0239	0.0219	0.0015	0.0235
144.2667	-0.0239	0.0088	0.0015	0.0103
144.3	-0.0223	0.0219	0	0.0219
144.3333	-0.0219	0.0088	0.0002	0.009
144.3667	-0.0229	0.0219	0.0015	0.0235
144.4	-0.0239	0.0219	0.0002	0.0221
144.4333	-0.0193	0.0088	0.0042	0.0129
144.4667	-0.0209	0.0351	0.0002	0.0353
144.5	-0.0223	0.0219	0.0002	0.0221
144.5333	-0.0219	0.0219	0.0015	0.0235
144.5667	-0.0219	0.0219	0.0015	0.0235
144.6	-0.0219	0.0088	0.0002	0.009
144.6333	-0.0229	0	0.0002	0.0002
144.6667	-0.0236	0.0219	0.0002	0.0221
144.7	-0.0203	0.0088	0.0015	0.0103
144.7333	-0.02	0.0219	0.0028	0.0248

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July 30, 2013

Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
144.7667	-0.0229	0.0219	0.0002	0.0221
144.8	-0.0223	0.0219	0.0002	0.0221
144.8333	-0.0239	0.0219	0.0002	0.0221
144.8667	-0.0219	0.0088	0.0015	0.0103
144.9	-0.0216	0.0219	0.0015	0.0235
144.9333	-0.0229	0	0.0002	0.0002
144.9667	-0.0223	0.0219	0.0002	0.0221
145	-0.0183	0.0482	0.0015	0.0497
145.0333	-0.0203	0.0219	0.0002	0.0221
145.0667	-0.019	0.0219	0.0002	0.0221
145.1	-0.02	0.0351	0.0028	0.0379
145.1333	-0.0239	0.0088	0.0015	0.0103
145.1667	-0.0213	0.0219	0.0002	0.0221
145.2	-0.0206	0.0088	0.0002	0.009
145.2333	-0.0223	0.0088	0.0015	0.0103
145.2667	-0.0223	0.0219	0.0015	0.0235
145.3	-0.0213	0.0088	0.0002	0.009
145.3333	-0.019	0.0351	0.0002	0.0353
145.3667	-0.02	0.0219	0.0002	0.0221
145.4	-0.0219	0.0088	0.0015	0.0103
145.4333	-0.0216	0.0351	0.0002	0.0353
145.4667	-0.0206	0.0482	0.0002	0.0484
145.5	-0.0193	0.0088	0.0002	0.009
145.5333	-0.0232	0.0219	0.0015	0.0235
145.5667	-0.0209	0.0219	0.0015	0.0235
145.6	-0.0206	0.0088	0	0.0088
145.6333	-0.0206	0.0088	0.0002	0.009
145.6667	-0.0226	0.0088	0.0015	0.0103
145.7	-0.02	0.0088	0.0002	0.009
145.7333	-0.0193	0.0219	0.0015	0.0235
145.7667	-0.0203	0.0088	0.0015	0.0103
145.8	-0.0213	0.0219	0.0015	0.0235
145.8333	-0.0226	0.0219	0	0.0219
145.8667	-0.02	0.0219	0.0015	0.0235
145.9	-0.0206	0.0219	0	0.0219
145.9333	-0.0203	0.0088	0.0015	0.0103
145.9667	-0.0236	0.0351	0.0015	0.0366
146	-0.0216	0.0219	0.0015	0.0235
146.0333	-0.0226	0.0088	0.0028	0.0116
146.0667	-0.0223	0.0219	0.0015	0.0235
146.1	-0.0219	0.0088	0.0015	0.0103
146.1333	-0.0206	0.0088	0.0002	0.009
146.1667	-0.0206	0.0088	0.0002	0.009

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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
146.2	-0.0203	0.0088	0.0002	0.009
146.2333	-0.0236	0.0088	0.0015	0.0103
146.2667	-0.019	0.0088	0.0002	0.009
146.3	-0.0226	0.0088	0.0028	0.0116
146.3333	-0.0219	0.0088	0.0002	0.009
146.3667	-0.0206	0.0088	0.0002	0.009
146.4	-0.0213	0.0351	0.0015	0.0366
146.4333	-0.0229	0.0219	0.0002	0.0221
146.4667	-0.0242	0.0088	0.0015	0.0103
146.5	-0.0232	0.0351	0.0015	0.0366
146.5333	-0.02	0.0088	0.0002	0.009
146.5667	-0.0216	0.0088	0.0002	0.009
146.6	-0.0229	0.0219	0	0.0219
146.6333	-0.0239	0.0088	0.0028	0.0116
146.6667	-0.018	0.0088	0	0.0088
146.7	-0.0216	0	0.0015	0.0015
146.7333	-0.0196	0.0088	0.0015	0.0103
146.7667	-0.0219	0.0219	0.0015	0.0235
146.8	-0.0239	0.0088	0	0.0088
146.8333	-0.0223	0	0.0002	0.0002
146.8667	-0.02	0.0088	0.0002	0.009
146.9	-0.0213	0.0219	0.0028	0.0248
146.9333	-0.0209	0.0219	0.0002	0.0221
146.9667	-0.0236	0.0219	0.0028	0.0248
147	-0.0216	0.0088	0.0002	0.009
147.0333	-0.0232	0.0351	0.0002	0.0353
147.0667	-0.0209	0.0088	0.0002	0.009
147.1	-0.0196	0.0088	0.0028	0.0116
147.1333	-0.0242	0.0219	0.0002	0.0221
147.1667	-0.0213	0.0219	0.0042	0.0261
147.2	-0.0229	0.0088	0	0.0088
147.2333	-0.0206	0.0351	0.0028	0.0379
147.2667	-0.0213	0.0219	0.0002	0.0221
147.3	-0.0249	0.0088	0	0.0088
147.3333	-0.0186	0.0088	0.0002	0.009
147.3667	-0.0219	0.0219	0	0.0219
147.4	-0.019	0.0088	0.0002	0.009
147.4333	-0.02	0.0088	0.0028	0.0116
147.4667	-0.0213	0.0351	0	0.0351
147.5	-0.0206	0.0219	0.0015	0.0235
147.5333	-0.0206	0.0219	0.0015	0.0235
147.5667	-0.0203	0.0219	0.0002	0.0221
147.6	-0.0216	0	0.0015	0.0015



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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
147.6333	-0.0196	0.0088	0.0015	0.0103
147.6667	-0.0219	0	0	0
147.7	-0.0203	0.0088	0.0028	0.0116
147.7333	-0.0229	0.0088	0.0028	0.0116
147.7667	-0.0229	0.0219	0.0002	0.0221
147.8	-0.0196	0.0088	0.0002	0.009
147.8333	-0.019	0.0219	0.0015	0.0235
147.8667	-0.019	0.0088	0.0002	0.009
147.9	-0.02	0.0351	0.0002	0.0353
147.9333	-0.02	0.0219	0.0002	0.0221
147.9667	-0.0246	0.0219	0.0002	0.0221
148	-0.0249	0.0088	0.0015	0.0103
148.0333	-0.019	0.0088	0.0015	0.0103
148.0667	-0.0206	0.0088	0	0.0088
148.1	-0.0239	0.0088	0.0015	0.0103
148.1333	-0.0219	0.0219	0.0015	0.0235
148.1667	-0.0223	0.0088	0.0015	0.0103
148.2	-0.0203	0.0088	0.0002	0.009
148.2333	-0.0206	0.0219	0.0015	0.0235
148.2667	-0.0209	0.0219	0.0002	0.0221
148.3	-0.0193	0.0088	0.0002	0.009
148.3333	-0.0213	0.0088	0.0002	0.009
148.3667	-0.02	0.0219	0.0015	0.0235
148.4	-0.0209	0.0088	0.0002	0.009
148.4333	-0.0203	0.0219	0.0015	0.0235
148.4667	-0.0213	0.0219	0.0002	0.0221
148.5	-0.0216	0.0219	0.0015	0.0235
148.5333	-0.0223	0.0219	0.0002	0.0221
148.5667	-0.0196	0.0219	0.0015	0.0235
148.6	-0.0249	0.0219	0	0.0219
148.6333	-0.0232	0.0088	0.0002	0.009
148.6667	-0.0196	0.0219	0.0015	0.0235
148.7	-0.0249	0.0088	0.0002	0.009
148.7333	-0.0216	0.0351	0	0.0351
148.7667	-0.0226	0.0219	0.0015	0.0235
148.8	-0.0173	0	0.0002	0.0002
148.8333	-0.0229	0.0088	0	0.0088
148.8667	-0.0223	0.0088	0.0015	0.0103
148.9	-0.0223	0	0.0015	0.0015
148.9333	-0.02	0.0351	0.0002	0.0353
148.9667	-0.0203	0.0088	0	0.0088
149	-0.0203	0.0219	0.0015	0.0235
149.0333	-0.0226	0.0219	0.0015	0.0235

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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
149.0667	-0.0213	0.0351	0.0002	0.0353
149.1	-0.0209	0.0088	0.0015	0.0103
149.1333	-0.0246	0.0088	0.0015	0.0103
149.1667	-0.0223	0.0219	0.0015	0.0235
149.2	-0.0209	0.0219	0.0028	0.0248
149.2333	-0.0229	0	0.0002	0.0002
149.2667	-0.0186	0.0219	0.0002	0.0221
149.3	-0.0232	0.0219	0.0002	0.0221
149.3333	-0.02	0.0219	0.0015	0.0235
149.3667	-0.0206	0.0088	0	0.0088
149.4	-0.0242	0	0.0015	0.0015
149.4333	-0.0203	0.0088	0.0002	0.009
149.4667	-0.0203	0.0219	0.0015	0.0235
149.5	-0.0219	0.0219	0	0.0219
149.5333	-0.0209	0.0219	0.0028	0.0248
149.5667	-0.0216	0.0088	0.0002	0.009
149.6	-0.0209	0.0219	0.0002	0.0221
149.6333	-0.0255	0.0219	0.0015	0.0235
149.6667	-0.02	0.0219	0.0015	0.0235
149.7	-0.0209	0.0219	0.0002	0.0221
149.7333	-0.02	0.0088	0.0002	0.009
149.7667	-0.0209	0.0219	0.0015	0.0235
149.8	-0.0193	0.0219	0.0002	0.0221
149.8333	-0.02	0	0.0015	0.0015
149.8667	-0.0193	0.0351	0.0015	0.0366
149.9	-0.0213	0.0088	0.0015	0.0103
149.9333	-0.0186	0.0088	0.0015	0.0103
149.9667	-0.019	0.0219	0.0015	0.0235
150	-0.0209	0.0088	0.0002	0.009
150.0333	-0.0232	0.0219	0	0.0219
150.0667	-0.0209	0.0219	0	0.0219
150.1	-0.0196	0.0219	0.0002	0.0221
150.1333	-0.0193	0.0088	0.0015	0.0103
150.1667	-0.0209	0.0219	0.0002	0.0221
150.2	-0.0236	0.0088	0.0002	0.009
150.2333	-0.0196	0.0219	0.0002	0.0221
150.2667	-0.0219	0.0088	0.0002	0.009
150.3	-0.0193	0.0351	0.0015	0.0366
150.3333	-0.0226	0.0219	0.0015	0.0235
150.3667	-0.0203	0.0088	0.0002	0.009
150.4	-0.0232	0.0219	0.0015	0.0235
150.4333	-0.0203	0.0088	0.0015	0.0103
150.4667	-0.0209	0.0219	0.0002	0.0221

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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
150.5	-0.0196	0.0088	0.0002	0.009
150.5333	-0.0206	0.0219	0.0002	0.0221
150.5667	-0.0209	0.0088	0.0015	0.0103
150.6	-0.019	0.0219	0.0015	0.0235
150.6333	-0.018	0.0219	0.0002	0.0221
150.6667	-0.0193	0.0088	0.0015	0.0103
150.7	-0.0196	0.0219	0.0015	0.0235
150.7333	-0.0176	0.0219	0.0002	0.0221
150.7667	-0.0203	0.0088	0.0015	0.0103
150.8	-0.0216	0.0219	0.0002	0.0221
150.8333	-0.0242	0.0219	0.0002	0.0221
150.8667	-0.02	0.0088	0.0015	0.0103
150.9	-0.0223	0.0219	0.0002	0.0221
150.9333	-0.0242	0.0219	0.0028	0.0248
150.9667	-0.0239	0.0219	0.0002	0.0221
151	-0.0196	0.0219	0.0002	0.0221
151.0333	-0.0226	0.0219	0.0002	0.0221
151.0667	-0.0232	0	0.0015	0.0015
151.1	-0.0232	0.0219	0.0002	0.0221
151.1333	-0.0216	0	0.0015	0.0015
151.1667	-0.0203	0.0219	0.0002	0.0221
151.2	-0.0186	0.0219	0.0015	0.0235
151.2333	-0.0203	0.0219	0.0015	0.0235
151.2667	-0.02	0.0088	0.0015	0.0103
151.3	-0.0226	0.0219	0.0002	0.0221
151.3333	-0.0209	0.0088	0.0002	0.009
151.3667	-0.0213	0.0219	0.0015	0.0235
151.4	-0.0213	0.0088	0.0002	0.009
151.4333	-0.0203	0.0219	0.0028	0.0248
151.4667	-0.0229	0.0219	0.0002	0.0221
151.5	-0.0246	0.0219	0.0002	0.0221
151.5333	-0.02	0.0088	0	0.0088
151.5667	-0.0209	0.0219	0.0002	0.0221
151.6	-0.0219	0.0088	0.0015	0.0103
151.6333	-0.0203	0.0088	0.0015	0.0103
151.6667	-0.0219	0.0219	0.0015	0.0235
151.7	-0.0229	0.0219	0.0015	0.0235
151.7333	-0.0232	0.0219	0.0028	0.0248
151.7667	-0.0213	0.0219	0.0028	0.0248
151.8	-0.0236	0	0.0015	0.0015
151.8333	-0.0206	0.0088	0.0002	0.009
151.8667	-0.02	0.0219	0.0002	0.0221
151.9	-0.0236	0.0219	0.0015	0.0235

AREVA NP, Inc.

Project No. G101276459SAT-003

July 30, 2013

Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
151.9333	-0.02	0.0088	0.0002	0.009
151.9667	-0.0223	0	0.0015	0.0015
152	-0.0203	0	0.0015	0.0015
152.0333	-0.02	0.0219	0.0028	0.0248
152.0667	-0.019	0.0219	0.0015	0.0235
152.1	-0.0183	0.0088	0.0015	0.0103
152.1333	-0.0209	0.0219	0.0002	0.0221
152.1667	-0.0219	0.0219	0.0042	0.0261
152.2	-0.0229	0.0219	0	0.0219
152.2333	-0.0206	0.0088	0.0002	0.009
152.2667	-0.0213	0.0219	0.0015	0.0235
152.3	-0.0196	0.0219	0.0002	0.0221
152.3333	-0.0236	0.0219	0.0002	0.0221
152.3667	-0.0206	0.0351	0.0015	0.0366
152.4	-0.0209	0.0219	0.0015	0.0235
152.4333	-0.0186	0.0088	0	0.0088
152.4667	-0.0236	0.0351	0.0015	0.0366
152.5	-0.0219	0.0219	0.0002	0.0221
152.5333	-0.0209	0.0219	0.0015	0.0235
152.5667	-0.02	0	0.0015	0.0015
152.6	-0.0236	0.0088	0.0028	0.0116
152.6333	-0.0229	0.0219	0.0002	0.0221
152.6667	-0.0223	0.0088	0.0002	0.009
152.7	-0.0229	0.0088	0.0002	0.009
152.7333	-0.0229	0.0219	0.0015	0.0235
152.7667	-0.0203	0	0.0015	0.0015
152.8	-0.0203	0.0088	0.0015	0.0103
152.8333	-0.0203	0.0088	0.0015	0.0103
152.8667	-0.0219	0.0219	0.0015	0.0235
152.9	-0.0223	0.0219	0.0015	0.0235
152.9333	-0.0226	0.0351	0.0002	0.0353
152.9667	-0.0226	0.0088	0	0.0088
153	-0.0193	0	0.0002	0.0002
153.0333	-0.02	0.0219	0.0002	0.0221
153.0667	-0.0203	0.0351	0	0.0351
153.1	-0.0242	0	0.0015	0.0015
153.1333	-0.0209	0.0088	0.0002	0.009
153.1667	-0.018	0.0088	0.0015	0.0103
153.2	-0.0203	0.0351	0.0002	0.0353
153.2333	-0.0203	0.0219	0.0015	0.0235
153.2667	-0.0209	0.0219	0.0002	0.0221
153.3	-0.0206	0.0088	0.0028	0.0116
153.3333	-0.0203	0.0351	0.0015	0.0366

AREVA NP, Inc.

Project No. G101276459SAT-003

July 30, 2013

Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
153.3667	-0.0226	0.0088	0.0002	0.009
153.4	-0.0213	0.0351	0.0002	0.0353
153.4333	-0.0226	0.0351	0.0015	0.0366
153.4667	-0.0213	0.0219	0.0002	0.0221
153.5	-0.0209	0.0088	0.0002	0.009
153.5333	-0.0242	0.0088	0.0015	0.0103
153.5667	-0.0213	0	0.0015	0.0015
153.6	-0.0209	0.0219	0.0015	0.0235
153.6333	-0.0229	0.0219	0.0002	0.0221
153.6667	-0.0203	0.0351	0.0015	0.0366
153.7	-0.0203	0.0351	0.0015	0.0366
153.7333	-0.0206	0.0219	0	0.0219
153.7667	-0.0232	0.0088	0.0015	0.0103
153.8	-0.0193	0.0088	0.0015	0.0103
153.8333	-0.0203	0.0219	0.0015	0.0235
153.8667	-0.0229	0.0219	0.0015	0.0235
153.9	-0.0226	0.0088	0.0002	0.009
153.9333	-0.0213	0.0219	0.0015	0.0235
153.9667	-0.0219	0.0219	0.0002	0.0221
154	-0.0213	0.0219	0.0002	0.0221
154.0333	-0.0219	0.0219	0.0002	0.0221
154.0667	-0.0223	0	0.0002	0.0002
154.1	-0.0196	0.0088	0.0015	0.0103
154.1333	-0.0229	0.0088	0.0002	0.009
154.1667	-0.0229	0	0.0002	0.0002
154.2	-0.0213	0.0219	0.0002	0.0221
154.2333	-0.02	0.0088	0	0.0088
154.2667	-0.0213	0.0219	0.0015	0.0235
154.3	-0.0206	0.0219	0.0002	0.0221
154.3333	-0.0216	0.0219	0.0002	0.0221
154.3667	-0.0213	0.0219	0.0015	0.0235
154.4	-0.0209	0.0088	0.0002	0.009
154.4333	-0.019	0.0088	0.0015	0.0103
154.4667	-0.0236	0.0088	0.0002	0.009
154.5	-0.0236	0.0088	0.0015	0.0103
154.5333	-0.0193	0.0219	0.0002	0.0221
154.5667	-0.0232	0.0219	0.0028	0.0248
154.6	-0.0216	0.0088	0.0015	0.0103
154.6333	-0.0206	0.0219	0.0002	0.0221
154.6667	-0.0246	0.0219	0.0002	0.0221
154.7	-0.0219	0.0219	0.0002	0.0221
154.7333	-0.0216	0.0219	0.0002	0.0221
154.7667	-0.0216	0.0088	0.0002	0.009

AREVA NP, Inc.

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July 30, 2013

Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
154.8	-0.0206	0.0088	0.0015	0.0103
154.8333	-0.0229	0.0219	0.0015	0.0235
154.8667	-0.0226	0.0088	0.0002	0.009
154.9	-0.0203	0.0088	0.0015	0.0103
154.9333	-0.02	0.0088	0.0002	0.009
154.9667	-0.0209	0.0088	0.0002	0.009
155	-0.0206	0.0351	0.0015	0.0366
155.0333	-0.0209	0.0219	0.0015	0.0235
155.0667	-0.0226	0.0219	0.0015	0.0235
155.1	-0.019	0.0351	0.0002	0.0353
155.1333	-0.0183	0.0351	0.0002	0.0353
155.1667	-0.0216	0.0219	0.0028	0.0248
155.2	-0.0219	0.0219	0.0002	0.0221
155.2333	-0.0232	0.0482	0.0002	0.0484
155.2667	-0.0209	0.0088	0.0015	0.0103
155.3	-0.0206	0.0219	0.0002	0.0221
155.3333	-0.0255	0.0219	0.0015	0.0235
155.3667	-0.0226	0.0088	0.0028	0.0116
155.4	-0.019	0.0219	0.0015	0.0235
155.4333	-0.0209	0.0219	0	0.0219
155.4667	-0.0223	0.0219	0.0015	0.0235
155.5	-0.0226	0.0088	0.0015	0.0103
155.5333	-0.0223	0	0.0002	0.0002
155.5667	-0.0206	0.0088	0.0002	0.009
155.6	-0.0196	0.0219	0.0028	0.0248
155.6333	-0.0226	0.0088	0.0002	0.009
155.6667	-0.0213	0.0219	0	0.0219
155.7	-0.0213	0.0219	0.0002	0.0221
155.7333	-0.0239	0.0088	0.0015	0.0103
155.7667	-0.02	0.0088	0.0002	0.009
155.8	-0.02	0.0219	0.0028	0.0248
155.8333	-0.0209	0.0088	0.0015	0.0103
155.8667	-0.0203	0.0219	0.0015	0.0235
155.9	-0.0193	0.0219	0.0002	0.0221
155.9333	-0.0196	0.0219	0.0028	0.0248
155.9667	-0.0226	0.0219	0.0002	0.0221
156	-0.0242	0.0219	0.0015	0.0235
156.0333	-0.0226	0.0219	0.0028	0.0248
156.0667	-0.019	0.0088	0.0015	0.0103
156.1	-0.02	0	0.0015	0.0015
156.1333	-0.0246	0.0219	0.0015	0.0235
156.1667	-0.0203	0.0088	0.0002	0.009
156.2	-0.0206	0.0088	0.0015	0.0103



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July 30, 2013

Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
156.2333	-0.0226	0.0219	0.0002	0.0221
156.2667	-0.0229	0.0219	0.0015	0.0235
156.3	-0.0206	0.0351	0.0002	0.0353
156.3333	-0.0186	0.0088	0.0028	0.0116
156.3667	-0.0186	0.0351	0.0015	0.0366
156.4	-0.0213	0.0088	0.0015	0.0103
156.4333	-0.0216	0.0219	0.0015	0.0235
156.4667	-0.0229	0.0088	0.0015	0.0103
156.5	-0.0216	0.0219	0.0002	0.0221
156.5333	-0.0213	0.0088	0.0015	0.0103
156.5667	-0.0203	0.0351	0.0015	0.0366
156.6	-0.0226	0.0219	0.0002	0.0221
156.6333	-0.0229	0.0088	0.0015	0.0103
156.6667	-0.0196	0	0.0015	0.0015
156.7	-0.0213	0.0088	0.0028	0.0116
156.7333	-0.0223	0.0088	0.0015	0.0103
156.7667	-0.0209	0.0219	0.0015	0.0235
156.8	-0.0213	0.0219	0.0015	0.0235
156.8333	-0.0223	0.0088	0.0002	0.009
156.8667	-0.0209	0.0219	0.0015	0.0235
156.9	-0.0226	0.0088	0	0.0088
156.9333	-0.0223	0.0219	0	0.0219
156.9667	-0.0219	0.0088	0.0015	0.0103
157	-0.0219	0.0088	0.0002	0.009
157.0333	-0.0232	0.0088	0.0015	0.0103
157.0667	-0.0226	0.0088	0.0015	0.0103
157.1	-0.0216	0.0219	0.0015	0.0235
157.1333	-0.0236	0.0219	0.0028	0.0248
157.1667	-0.0226	0.0219	0.0042	0.0261
157.2	-0.0213	0.0219	0.0028	0.0248
157.2333	-0.0223	0.0088	0.0015	0.0103
157.2667	-0.0236	0.0088	0.0015	0.0103
157.3	-0.0219	0.0088	0.0015	0.0103
157.3333	-0.02	0.0088	0.0015	0.0103
157.3667	-0.0186	0.0219	0.0002	0.0221
157.4	-0.0223	0	0.0002	0.0002
157.4333	-0.0213	0.0219	0.0002	0.0221
157.4667	-0.0206	0.0219	0.0002	0.0221
157.5	-0.0226	0.0088	0.0015	0.0103
157.5333	-0.0196	0.0088	0.0015	0.0103
157.5667	-0.0213	0.0219	0	0.0219
157.6	-0.0236	0.0351	0.0015	0.0366
157.6333	-0.0229	0.0219	0.0015	0.0235

AREVA NP, Inc.

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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
157.6667	-0.0213	0.0088	0.0015	0.0103
157.7	-0.0213	0.0088	0.0015	0.0103
157.7333	-0.0216	0.0088	0.0015	0.0103
157.7667	-0.0232	0.0351	0.0002	0.0353
157.8	-0.0223	0.0351	0.0002	0.0353
157.8333	-0.0193	0.0219	0.0015	0.0235
157.8667	-0.0242	0.0219	0.0015	0.0235
157.9	-0.0216	0.0088	0.0015	0.0103
157.9333	-0.0196	0.0219	0.0015	0.0235
157.9667	-0.0216	0.0088	0.0002	0.009
158	-0.0223	0.0088	0.0015	0.0103
158.0333	-0.0216	0	0.0002	0.0002
158.0667	-0.0242	0.0088	0.0002	0.009
158.1	-0.0219	0.0219	0.0015	0.0235
158.1333	-0.0223	0.0219	0.0002	0.0221
158.1667	-0.0219	0.0088	0.0015	0.0103
158.2	-0.0226	0.0219	0.0002	0.0221
158.2333	-0.02	0.0219	0.0002	0.0221
158.2667	-0.0239	0.0219	0	0.0219
158.3	-0.0206	0.0219	0.0002	0.0221
158.3333	-0.02	0.0351	0.0028	0.0379
158.3667	-0.0209	0.0088	0.0002	0.009
158.4	-0.0206	0.0219	0.0015	0.0235
158.4333	-0.0206	0	0	0
158.4667	-0.02	0.0351	0.0015	0.0366
158.5	-0.0223	0.0219	0.0015	0.0235
158.5333	-0.0219	0.0351	0.0015	0.0366
158.5667	-0.0193	0.0219	0.0015	0.0235
158.6	-0.0213	0.0219	0.0015	0.0235
158.6333	-0.0236	0.0088	0.0002	0.009
158.6667	-0.0216	0.0219	0.0015	0.0235
158.7	-0.0216	0.0219	0.0015	0.0235
158.7333	-0.0203	0.0219	0.0002	0.0221
158.7667	-0.0209	0.0219	0.0015	0.0235
158.8	-0.0223	0.0219	0.0015	0.0235
158.8333	-0.0176	0	0.0015	0.0015
158.8667	-0.0206	0.0351	0.0015	0.0366
158.9	-0.0226	0.0088	0.0028	0.0116
158.9333	-0.0223	0.0351	0.0015	0.0366
158.9667	-0.0206	0.0088	0.0042	0.0129
159	-0.0196	0.0088	0.0002	0.009
159.0333	-0.0213	0.0088	0.0015	0.0103
159.0667	-0.0213	0.0088	0.0015	0.0103

AREVA NP, Inc.

Project No. G101276459SAT-003

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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
159.1	-0.0209	0.0219	0.0002	0.0221
159.1333	-0.0203	0.0351	0.0002	0.0353
159.1667	-0.0226	0.0482	0.0002	0.0484
159.2	-0.0229	0.0219	0.0002	0.0221
159.2333	-0.0196	0.0219	0.0015	0.0235
159.2667	-0.0213	0.0088	0.0028	0.0116
159.3	-0.0196	0.0088	0.0015	0.0103
159.3333	-0.0223	0.0219	0.0002	0.0221
159.3667	-0.0203	0.0219	0.0002	0.0221
159.4	-0.0203	0.0351	0.0015	0.0366
159.4333	-0.0242	0.0088	0.0015	0.0103
159.4667	-0.0209	0.0088	0.0002	0.009
159.5	-0.02	0.0088	0.0015	0.0103
159.5333	-0.0232	0.0351	0.0015	0.0366
159.5667	-0.018	0.0219	0.0002	0.0221
159.6	-0.02	0.0088	0.0002	0.009
159.6333	-0.0226	0.0219	0.0002	0.0221
159.6667	-0.0206	0.0219	0.0002	0.0221
159.7	-0.0242	0.0088	0.0002	0.009
159.7333	-0.0193	0.0219	0.0015	0.0235
159.7667	-0.019	0.0219	0.0015	0.0235
159.8	-0.0219	0.0219	0.0015	0.0235
159.8333	-0.0193	0.0088	0.0002	0.009
159.8667	-0.0216	0.0219	0.0028	0.0248
159.9	-0.0206	0.0219	0.0002	0.0221
159.9333	-0.0219	0.0219	0.0002	0.0221
159.9667	-0.0213	0.0219	0	0.0219
160	-0.0206	0.0219	0.0002	0.0221
160.0333	-0.0236	0.0351	0.0002	0.0353
160.0667	-0.0236	0.0219	0.0015	0.0235
160.1	-0.0213	0	0.0015	0.0015
160.1333	-0.0223	0.0351	0.0002	0.0353
160.1667	-0.0206	0.0088	0.0002	0.009
160.2	-0.0223	0.0351	0.0015	0.0366
160.2333	-0.0216	0.0219	0.0002	0.0221
160.2667	-0.0223	0.0351	0.0002	0.0353
160.3	-0.0206	0.0088	0.0015	0.0103
160.3333	-0.0216	0	0.0002	0.0002
160.3667	-0.0216	0.0219	0.0015	0.0235
160.4	-0.0249	0.0219	0	0.0219
160.4333	-0.0213	0.0219	0	0.0219
160.4667	-0.0246	0.0088	0.0002	0.009
160.5	-0.0213	0.0088	0.0002	0.009

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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
160.5333	-0.0196	0.0088	0.0015	0.0103
160.5667	-0.0252	0.0219	0.0002	0.0221
160.6	-0.0196	0	0.0015	0.0015
160.6333	-0.0236	0.0219	0.0015	0.0235
160.6667	-0.0223	0.0088	0	0.0088
160.7	-0.0223	0.0088	0.0015	0.0103
160.7333	-0.02	0.0219	0.0015	0.0235
160.7667	-0.02	0.0088	0.0015	0.0103
160.8	-0.0236	0.0219	0.0002	0.0221
160.8333	-0.0249	0.0219	0.0002	0.0221
160.8667	-0.0229	0.0088	0.0002	0.009
160.9	-0.0229	0.0088	0.0002	0.009
160.9333	-0.019	0.0219	0.0015	0.0235
160.9667	-0.0229	0.0219	0.0002	0.0221
161	-0.0226	0.0219	0.0015	0.0235
161.0333	-0.0223	0.0219	0.0015	0.0235
161.0667	-0.0193	0.0351	0.0002	0.0353
161.1	-0.02	0.0088	0.0015	0.0103
161.1333	-0.0232	0.0088	0.0002	0.009
161.1667	-0.0193	0.0219	0	0.0219
161.2	-0.0239	0.0088	0.0002	0.009
161.2333	-0.0186	0.0219	0.0002	0.0221
161.2667	-0.0203	0.0219	0.0002	0.0221
161.3	-0.0226	0.0219	0.0002	0.0221
161.3333	-0.0239	0.0219	0.0015	0.0235
161.3667	-0.0213	0.0088	0.0028	0.0116
161.4	-0.0229	0.0219	0.0002	0.0221
161.4333	-0.0226	0.0219	0.0015	0.0235
161.4667	-0.019	0.0219	0.0002	0.0221
161.5	-0.0246	0.0219	0.0002	0.0221
161.5333	-0.019	0.0088	0.0015	0.0103
161.5667	-0.0209	0.0351	0.0015	0.0366
161.6	-0.0213	0.0351	0.0002	0.0353
161.6333	-0.0229	0.0219	0.0002	0.0221
161.6667	-0.0232	0	0.0002	0.0002
161.7	-0.0216	0.0219	0.0002	0.0221
161.7333	-0.0213	0.0219	0.0002	0.0221
161.7667	-0.0206	0.0219	0	0.0219
161.8	-0.0232	0.0219	0.0002	0.0221
161.8333	-0.0206	0.0088	0.0002	0.009
161.8667	-0.0209	0.0088	0.0015	0.0103
161.9	-0.0232	0.0219	0.0015	0.0235
161.9333	-0.0206	0	0	0

AREVA NP, Inc.

Project No. G101276459SAT-003

July 30, 2013

Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
161.9667	-0.0196	0.0088	0.0015	0.0103
162	-0.019	0.0219	0.0002	0.0221
162.0333	-0.0223	0.0219	0.0002	0.0221
162.0667	-0.0209	0.0088	0.0002	0.009
162.1	-0.0209	0.0351	0.0028	0.0379
162.1333	-0.02	0.0088	0.0015	0.0103
162.1667	-0.0206	0.0219	0.0015	0.0235
162.2	-0.0226	0.0088	0.0015	0.0103
162.2333	-0.0223	0.0219	0.0002	0.0221
162.2667	-0.0229	0.0088	0.0015	0.0103
162.3	-0.02	0.0219	0.0002	0.0221
162.3333	-0.0206	0.0219	0.0015	0.0235
162.3667	-0.0239	0.0088	0.0002	0.009
162.4	-0.0213	0.0088	0.0002	0.009
162.4333	-0.0206	0.0219	0.0002	0.0221
162.4667	-0.0206	0.0088	0.0015	0.0103
162.5	-0.0223	0.0088	0.0015	0.0103
162.5333	-0.0206	0.0088	0.0015	0.0103
162.5667	-0.0213	0.0219	0.0015	0.0235
162.6	-0.0216	0.0088	0.0002	0.009
162.6333	-0.0249	0.0088	0.0015	0.0103
162.6667	-0.0193	0.0088	0.0002	0.009
162.7	-0.0193	0.0219	0.0002	0.0221
162.7333	-0.0226	0.0219	0.0028	0.0248
162.7667	-0.0173	0.0088	0.0028	0.0116
162.8	-0.0229	0.0351	0.0002	0.0353
162.8333	-0.0223	0.0088	0.0002	0.009
162.8667	-0.0203	0.0088	0.0002	0.009
162.9	-0.0223	0.0219	0.0002	0.0221
162.9333	-0.0203	0.0088	0.0015	0.0103
162.9667	-0.0239	0.0219	0.0015	0.0235
163	-0.0226	0.0351	0.0002	0.0353
163.0333	-0.0226	0.0088	0.0015	0.0103
163.0667	-0.0196	0.0219	0.0042	0.0261
163.1	-0.019	0.0351	0.0002	0.0353
163.1333	-0.0239	0.0219	0.0002	0.0221
163.1667	-0.0216	0.0219	0.0015	0.0235
163.2	-0.0223	0.0088	0.0015	0.0103
163.2333	-0.0223	0.0219	0.0015	0.0235
163.2667	-0.019	0.0219	0.0002	0.0221
163.3	-0.0226	0.0088	0	0.0088
163.3333	-0.0223	0.0219	0.0015	0.0235
163.3667	-0.0209	0.0088	0.0002	0.009

AREVA NP, Inc.

Project No. G101276459SAT-003

July 30, 2013

Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
163.4	-0.0213	0.0088	0.0015	0.0103
163.4333	-0.0183	0.0219	0.0015	0.0235
163.4667	-0.0223	0.0219	0.0015	0.0235
163.5	-0.0226	0.0088	0.0002	0.009
163.5333	-0.0219	0.0219	0.0015	0.0235
163.5667	-0.0216	0	0.0028	0.0028
163.6	-0.0196	0.0219	0.0015	0.0235
163.6333	-0.0206	0.0088	0.0002	0.009
163.6667	-0.0209	0.0219	0	0.0219
163.7	-0.0226	0.0088	0.0002	0.009
163.7333	-0.019	0.0088	0.0002	0.009
163.7667	-0.0236	0.0219	0.0015	0.0235
163.8	-0.0239	0.0088	0.0015	0.0103
163.8333	-0.02	0	0.0015	0.0015
163.8667	-0.02	0.0219	0.0028	0.0248
163.9	-0.0232	0	0.0015	0.0015
163.9333	-0.02	0	0.0015	0.0015
163.9667	-0.0216	0.0219	0.0015	0.0235
164	-0.0206	0	0.0015	0.0015
164.0333	-0.0206	0.0219	0.0015	0.0235
164.0667	-0.0216	0	0.0015	0.0015
164.1	-0.019	0.0088	0.0015	0.0103
164.1333	-0.0209	0.0088	0.0028	0.0116
164.1667	-0.02	0.0219	0.0002	0.0221
164.2	-0.0219	0.0088	0.0028	0.0116
164.2333	-0.0213	0.0219	0.0002	0.0221
164.2667	-0.0216	0.0351	0.0002	0.0353
164.3	-0.0193	0.0351	0.0002	0.0353
164.3333	-0.0213	0.0219	0.0015	0.0235
164.3667	-0.0209	0.0219	0	0.0219
164.4	-0.0216	0.0088	0.0002	0.009
164.4333	-0.0213	0.0088	0	0.0088
164.4667	-0.0219	0.0219	0.0015	0.0235
164.5	-0.0219	0.0219	0.0015	0.0235
164.5333	-0.019	0.0351	0.0002	0.0353
164.5667	-0.0232	0.0219	0.0015	0.0235
164.6	-0.02	0.0219	0.0002	0.0221
164.6333	-0.0213	0.0219	0.0002	0.0221
164.6667	-0.0206	0.0219	0.0015	0.0235
164.7	-0.02	0.0088	0.0015	0.0103
164.7333	-0.019	0.0219	0.0002	0.0221
164.7667	-0.0206	0.0219	0.0015	0.0235
164.8	-0.0196	0.0351	0.0002	0.0353



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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
164.8333	-0.0193	0.0088	0.0028	0.0116
164.8667	-0.019	0.0088	0.0002	0.009
164.9	-0.019	0.0219	0.0002	0.0221
164.9333	-0.02	0.0088	0.0002	0.009
164.9667	-0.0203	0.0219	0.0002	0.0221
165	-0.0206	0.0088	0.0015	0.0103
165.0333	-0.0203	0.0088	0.0015	0.0103
165.0667	-0.0209	0.0088	0.0015	0.0103
165.1	-0.0223	0.0351	0.0002	0.0353
165.1333	-0.0203	0.0088	0.0015	0.0103
165.1667	-0.0203	0.0088	0	0.0088
165.2	-0.0229	0.0219	0.0002	0.0221
165.2333	-0.02	0.0219	0.0015	0.0235
165.2667	-0.0193	0.0219	0.0015	0.0235
165.3	-0.0219	0	0.0015	0.0015
165.3333	-0.0223	0.0088	0.0002	0.009
165.3667	-0.0223	0.0088	0.0002	0.009
165.4	-0.0203	0.0088	0.0015	0.0103
165.4333	-0.0203	0	0.0002	0.0002
165.4667	-0.0216	0.0219	0.0002	0.0221
165.5	-0.0186	0.0351	0	0.0351
165.5333	-0.0223	0.0088	0.0002	0.009
165.5667	-0.0213	0.0088	0.0002	0.009
165.6	-0.0226	0.0219	0.0015	0.0235
165.6333	-0.0216	0.0219	0.0015	0.0235
165.6667	-0.0219	0.0219	0.0015	0.0235
165.7	-0.0236	0.0088	0	0.0088
165.7333	-0.0209	0.0088	0.0002	0.009
165.7667	-0.0239	0.0088	0.0015	0.0103
165.8	-0.0216	0.0088	0.0015	0.0103
165.8333	-0.02	0.0088	0.0015	0.0103
165.8667	-0.0252	0.0088	0.0015	0.0103
165.9	-0.0176	0.0219	0.0002	0.0221
165.9333	-0.0186	0.0088	0.0002	0.009
165.9667	-0.0213	0.0219	0.0015	0.0235
166	-0.0219	0.0219	0.0015	0.0235
166.0333	-0.0203	0.0351	0.0015	0.0366
166.0667	-0.0203	0.0351	0.0015	0.0366
166.1	-0.0193	0.0088	0.0028	0.0116
166.1333	-0.02	0.0351	0.0015	0.0366
166.1667	-0.0203	0.0088	0.0002	0.009
166.2	-0.0209	0.0219	0.0002	0.0221
166.2333	-0.0232	0.0219	0.0015	0.0235

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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
166.2667	-0.0203	0.0351	0.0002	0.0353
166.3	-0.0216	0.0351	0.0015	0.0366
166.3333	-0.0213	0.0219	0.0002	0.0221
166.3667	-0.0223	0.0088	0.0015	0.0103
166.4	-0.0196	0.0088	0.0028	0.0116
166.4333	-0.0193	0.0088	0.0002	0.009
166.4667	-0.0213	0.0219	0.0015	0.0235
166.5	-0.02	0.0088	0.0015	0.0103
166.5333	-0.0193	0.0351	0.0015	0.0366
166.5667	-0.0193	0.0219	0	0.0219
166.6	-0.0203	0.0219	0.0015	0.0235
166.6333	-0.0213	0	0.0002	0.0002
166.6667	-0.0203	0	0.0028	0.0028
166.7	-0.0232	0.0219	0.0002	0.0221
166.7333	-0.0219	0.0219	0.0028	0.0248
166.7667	-0.0236	0	0.0002	0.0002
166.8	-0.0203	0.0351	0	0.0351
166.8333	-0.0206	0.0088	0.0015	0.0103
166.8667	-0.0229	0.0088	0.0028	0.0116
166.9	-0.0196	0.0088	0.0015	0.0103
166.9333	-0.0229	0.0351	0.0028	0.0379
166.9667	-0.0196	0.0088	0.0015	0.0103
167	-0.0213	0	0.0015	0.0015
167.0333	-0.0219	0.0219	0.0002	0.0221
167.0667	-0.0196	0	0.0002	0.0002
167.1	-0.0213	0.0219	0.0002	0.0221
167.1333	-0.0196	0.0219	0.0002	0.0221
167.1667	-0.0206	0.0088	0.0002	0.009
167.2	-0.0203	0.0088	0.0002	0.009
167.2333	-0.0229	0.0219	0.0002	0.0221
167.2667	-0.0223	0.0088	0.0028	0.0116
167.3	-0.0232	0.0088	0.0002	0.009
167.3333	-0.0236	0.0088	0	0.0088
167.3667	-0.0236	0.0219	0.0015	0.0235
167.4	-0.0216	0.0088	0.0015	0.0103
167.4333	-0.0239	0.0219	0	0.0219
167.4667	-0.0223	0.0088	0.0015	0.0103
167.5	-0.0226	0.0219	0.0002	0.0221
167.5333	-0.0203	0.0351	0.0015	0.0366
167.5667	-0.0203	0.0088	0.0002	0.009
167.6	-0.0223	0.0088	0.0002	0.009
167.6333	-0.0209	0.0219	0.0015	0.0235
167.6667	-0.02	0.0351	0.0028	0.0379

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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
167.7	-0.0203	0.0219	0.0015	0.0235
167.7333	-0.02	0.0219	0.0015	0.0235
167.7667	-0.019	0.0088	0.0002	0.009
167.8	-0.018	0.0088	0.0002	0.009
167.8333	-0.0229	0.0219	0.0002	0.0221
167.8667	-0.0223	0.0088	0.0015	0.0103
167.9	-0.0216	0.0219	0.0002	0.0221
167.9333	-0.0229	0.0219	0.0015	0.0235
167.9667	-0.0193	0.0219	0.0002	0.0221
168	-0.0206	0	0.0015	0.0015
168.0333	-0.019	0.0351	0.0015	0.0366
168.0667	-0.0216	0.0351	0	0.0351
168.1	-0.0219	0.0219	0.0002	0.0221
168.1333	-0.0216	0.0351	0.0015	0.0366
168.1667	-0.0226	0.0219	0.0015	0.0235
168.2	-0.0246	0.0219	0.0002	0.0221
168.2333	-0.0213	0.0088	0.0015	0.0103
168.2667	-0.02	0.0219	0.0015	0.0235
168.3	-0.0216	0.0088	0.0015	0.0103
168.3333	-0.0203	0.0219	0.0002	0.0221
168.3667	-0.0203	0.0088	0.0015	0.0103
168.4	-0.0226	0.0219	0.0015	0.0235
168.4333	-0.0203	0.0351	0.0028	0.0379
168.4667	-0.0216	0.0219	0	0.0219
168.5	-0.0196	0.0219	0.0002	0.0221
168.5333	-0.0209	0	0.0002	0.0002
168.5667	-0.0209	0	0	0
168.6	-0.0203	0.0219	0.0028	0.0248
168.6333	-0.0209	0	0.0015	0.0015
168.6667	-0.0223	0.0088	0.0015	0.0103
168.7	-0.0213	0.0219	0.0002	0.0221
168.7333	-0.0196	0.0219	0.0002	0.0221
168.7667	-0.0203	0.0219	0	0.0219
168.8	-0.019	0.0088	0.0002	0.009
168.8333	-0.0206	0.0219	0.0002	0.0221
168.8667	-0.0229	0.0088	0.0015	0.0103
168.9	-0.0229	0.0088	0.0015	0.0103
168.9333	-0.0216	0.0088	0.0002	0.009
168.9667	-0.0196	0.0088	0.0015	0.0103
169	-0.0213	0.0351	0.0015	0.0366
169.0333	-0.0226	0.0219	0.0002	0.0221
169.0667	-0.0216	0.0088	0.0015	0.0103
169.1	-0.0203	0.0088	0.0015	0.0103

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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
169.1333	-0.0183	0.0088	0.0028	0.0116
169.1667	-0.0203	0.0219	0.0002	0.0221
169.2	-0.0206	0.0088	0.0015	0.0103
169.2333	-0.0186	0.0219	0.0015	0.0235
169.2667	-0.0203	0.0219	0	0.0219
169.3	-0.0196	0.0088	0.0002	0.009
169.3333	-0.0223	0.0219	0.0028	0.0248
169.3667	-0.0219	0.0351	0.0042	0.0392
169.4	-0.0216	0.0219	0.0015	0.0235
169.4333	-0.0206	0.0219	0.0015	0.0235
169.4667	-0.0223	0.0088	0.0015	0.0103
169.5	-0.02	0.0088	0.0015	0.0103
169.5333	-0.0203	0.0219	0.0002	0.0221
169.5667	-0.017	0.0219	0.0002	0.0221
169.6	-0.0213	0.0219	0.0002	0.0221
169.6333	-0.019	0.0088	0.0015	0.0103
169.6667	-0.0213	0	0.0015	0.0015
169.7	-0.0223	0.0219	0.0028	0.0248
169.7333	-0.0209	0.0219	0	0.0219
169.7667	-0.0213	0.0351	0.0002	0.0353
169.8	-0.0209	0.0219	0.0002	0.0221
169.8333	-0.0206	0.0351	0.0002	0.0353
169.8667	-0.0213	0.0351	0.0015	0.0366
169.9	-0.0209	0.0351	0.0002	0.0353
169.9333	-0.0203	0.0351	0.0002	0.0353
169.9667	-0.0193	0.0219	0.0002	0.0221
170	-0.0203	0.0088	0.0015	0.0103
170.0333	-0.0213	0.0219	0.0028	0.0248
170.0667	-0.0196	0.0219	0.0002	0.0221
170.1	-0.0216	0.0088	0.0015	0.0103
170.1333	-0.0196	0.0088	0.0002	0.009
170.1667	-0.0232	0.0351	0.0015	0.0366
170.2	-0.0229	0.0219	0.0015	0.0235
170.2333	-0.0203	0	0.0002	0.0002
170.2667	-0.0229	0.0219	0.0015	0.0235
170.3	-0.0213	0.0219	0.0002	0.0221
170.3333	-0.0193	0	0.0002	0.0002
170.3667	-0.0216	0.0088	0.0002	0.009
170.4	-0.0216	0.0219	0.0028	0.0248
170.4333	-0.0209	0.0219	0.0015	0.0235
170.4667	-0.0223	0	0.0002	0.0002
170.5	-0.0203	0.0088	0.0002	0.009
170.5333	-0.0209	0.0219	0.0002	0.0221

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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
170.5667	-0.0223	0.0219	0.0002	0.0221
170.6	-0.02	0.0351	0.0002	0.0353
170.6333	-0.0223	0.0088	0	0.0088
170.6667	-0.0232	0.0219	0.0015	0.0235
170.7	-0.0203	0.0088	0.0015	0.0103
170.7333	-0.019	0.0219	0.0002	0.0221
170.7667	-0.0213	0.0219	0.0015	0.0235
170.8	-0.0196	0.0219	0.0002	0.0221
170.8333	-0.0232	0.0219	0.0015	0.0235
170.8667	-0.0216	0.0088	0.0002	0.009
170.9	-0.0213	0.0219	0.0002	0.0221
170.9333	-0.0216	0.0088	0.0002	0.009
170.9667	-0.0203	0.0219	0.0002	0.0221
171	-0.0206	0.0351	0.0015	0.0366
171.0333	-0.0242	0.0219	0.0002	0.0221
171.0667	-0.0209	0.0088	0.0015	0.0103
171.1	-0.0203	0.0088	0.0015	0.0103
171.1333	-0.0213	0.0351	0.0015	0.0366
171.1667	-0.0229	0.0088	0.0015	0.0103
171.2	-0.0219	0.0219	0.0015	0.0235
171.2333	-0.0226	0.0219	0.0015	0.0235
171.2667	-0.0206	0.0351	0.0015	0.0366
171.3	-0.0213	0.0351	0.0015	0.0366
171.3333	-0.0236	0.0219	0.0015	0.0235
171.3667	-0.0203	0.0088	0.0028	0.0116
171.4	-0.0216	0.0088	0.0002	0.009
171.4333	-0.0183	0.0219	0.0015	0.0235
171.4667	-0.0232	0.0088	0	0.0088
171.5	-0.0209	0.0088	0.0028	0.0116
171.5333	-0.02	0.0088	0.0015	0.0103
171.5667	-0.0226	0.0219	0.0002	0.0221
171.6	-0.0213	0.0088	0.0015	0.0103
171.6333	-0.0232	0.0088	0.0015	0.0103
171.6667	-0.0226	0.0351	0.0028	0.0379
171.7	-0.0216	0.0351	0.0028	0.0379
171.7333	-0.0203	0.0219	0.0015	0.0235
171.7667	-0.0209	0	0.0002	0.0002
171.8	-0.0186	0.0219	0.0015	0.0235
171.8333	-0.0203	0.0088	0	0.0088
171.8667	-0.0206	0.0219	0.0015	0.0235
171.9	-0.0183	0.0088	0.0015	0.0103
171.9333	-0.0219	0.0219	0.0028	0.0248
171.9667	-0.0229	0.0219	0.0002	0.0221

AREVA NP, Inc.

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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
172	-0.0196	0.0219	0	0.0219
172.0333	-0.0249	0.0482	0.0002	0.0484
172.0667	-0.019	0.0088	0.0015	0.0103
172.1	-0.0206	0.0088	0.0015	0.0103
172.1333	-0.0193	0.0219	0.0015	0.0235
172.1667	-0.0209	0.0088	0.0002	0.009
172.2	-0.0213	0.0219	0.0002	0.0221
172.2333	-0.0209	0.0088	0.0015	0.0103
172.2667	-0.0246	0.0088	0.0015	0.0103
172.3	-0.0216	0.0219	0.0015	0.0235
172.3333	-0.0239	0	0.0002	0.0002
172.3667	-0.0236	0.0219	0.0002	0.0221
172.4	-0.019	0.0088	0.0002	0.009
172.4333	-0.0232	0.0219	0.0002	0.0221
172.4667	-0.0203	0.0088	0.0002	0.009
172.5	-0.0223	0.0088	0.0015	0.0103
172.5333	-0.0216	0.0219	0.0002	0.0221
172.5667	-0.0232	0.0219	0.0015	0.0235
172.6	-0.0219	0.0088	0.0015	0.0103
172.6333	-0.0213	0.0088	0.0015	0.0103
172.6667	-0.0186	0.0088	0	0.0088
172.7	-0.0193	0.0088	0.0015	0.0103
172.7333	-0.0219	0.0219	0.0015	0.0235
172.7667	-0.0186	0.0219	0.0015	0.0235
172.8	-0.0213	0.0088	0.0028	0.0116
172.8333	-0.0219	0.0219	0.0015	0.0235
172.8667	-0.0193	0.0088	0	0.0088
172.9	-0.02	0.0219	0.0028	0.0248
172.9333	-0.0206	0.0088	0.0015	0.0103
172.9667	-0.0206	0.0088	0.0002	0.009
173	-0.0209	0.0351	0.0002	0.0353
173.0333	-0.0186	0.0088	0.0015	0.0103
173.0667	-0.0209	0.0219	0.0028	0.0248
173.1	-0.0186	0	0.0015	0.0015
173.1333	-0.0209	0.0088	0.0002	0.009
173.1667	-0.0193	0.0219	0.0015	0.0235
173.2	-0.0216	0.0219	0.0028	0.0248
173.2333	-0.0209	0.0219	0.0002	0.0221
173.2667	-0.0223	0.0088	0.0015	0.0103
173.3	-0.0186	0.0088	0.0015	0.0103
173.3333	-0.0193	0.0088	0.0002	0.009
173.3667	-0.0203	0.0351	0.0002	0.0353
173.4	-0.0203	0.0219	0.0002	0.0221



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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
173.4333	-0.0216	0.0219	0.0015	0.0235
173.4667	-0.0203	0.0088	0.0002	0.009
173.5	-0.0196	0.0351	0.0002	0.0353
173.5333	-0.0219	0.0219	0.0002	0.0221
173.5667	-0.0229	0.0088	0.0002	0.009
173.6	-0.0213	0	0.0015	0.0015
173.6333	-0.0232	0.0219	0.0015	0.0235
173.6667	-0.0226	0.0088	0.0002	0.009
173.7	-0.0206	0.0219	0.0028	0.0248
173.7333	-0.0213	0.0219	0.0015	0.0235
173.7667	-0.02	0.0219	0.0015	0.0235
173.8	-0.0232	0.0088	0.0002	0.009
173.8333	-0.0173	0.0219	0.0015	0.0235
173.8667	-0.019	0.0219	0.0015	0.0235
173.9	-0.019	0.0219	0.0015	0.0235
173.9333	-0.0203	0.0351	0.0015	0.0366
173.9667	-0.0219	0.0219	0.0028	0.0248
174	-0.019	0.0219	0.0015	0.0235
174.0333	-0.0209	0.0219	0	0.0219
174.0667	-0.0223	0.0088	0.0015	0.0103
174.1	-0.0219	0.0351	0.0015	0.0366
174.1333	-0.0236	0.0088	0.0015	0.0103
174.1667	-0.0219	0	0.0015	0.0015
174.2	-0.0213	0.0219	0.0002	0.0221
174.2333	-0.0203	0.0351	0.0002	0.0353
174.2667	-0.0226	0.0219	0.0015	0.0235
174.3	-0.0193	0.0219	0	0.0219
174.3333	-0.0213	0.0351	0.0015	0.0366
174.3667	-0.0196	0.0219	0.0015	0.0235
174.4	-0.0216	0.0219	0.0015	0.0235
174.4333	-0.0206	0.0351	0.0028	0.0379
174.4667	-0.0213	0.0219	0	0.0219
174.5	-0.0232	0.0088	0.0015	0.0103
174.5333	-0.0213	0.0088	0.0002	0.009
174.5667	-0.0216	0.0219	0.0015	0.0235
174.6	-0.0209	0.0219	0.0002	0.0221
174.6333	-0.0236	0.0219	0.0015	0.0235
174.6667	-0.0219	0.0088	0.0028	0.0116
174.7	-0.0216	0.0088	0.0015	0.0103
174.7333	-0.0229	0.0351	0.0015	0.0366
174.7667	-0.0226	0.0088	0.0002	0.009
174.8	-0.0216	0.0219	0.0002	0.0221
174.8333	-0.0203	0.0088	0.0015	0.0103

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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
174.8667	-0.0209	0.0219	0.0015	0.0235
174.9	-0.0206	0.0219	0.0015	0.0235
174.9333	-0.0216	0.0219	0.0015	0.0235
174.9667	-0.0186	0.0351	0.0015	0.0366
175	-0.0196	0.0219	0.0015	0.0235
175.0333	-0.0196	0.0219	0.0002	0.0221
175.0667	-0.0229	0.0088	0.0002	0.009
175.1	-0.0223	0.0088	0.0002	0.009
175.1333	-0.0203	0.0088	0.0015	0.0103
175.1667	-0.0226	0.0482	0.0015	0.0497
175.2	-0.0206	0.0351	0.0028	0.0379
175.2333	-0.02	0.0351	0.0002	0.0353
175.2667	-0.0203	0.0088	0.0015	0.0103
175.3	-0.0183	0.0088	0.0002	0.009
175.3333	-0.0206	0.0088	0	0.0088
175.3667	-0.02	0.0088	0.0028	0.0116
175.4	-0.0206	0.0351	0.0002	0.0353
175.4333	-0.0203	0.0219	0.0028	0.0248
175.4667	-0.0216	0.0219	0.0015	0.0235
175.5	-0.0223	0.0219	0.0002	0.0221
175.5333	-0.0229	0.0088	0.0002	0.009
175.5667	-0.0223	0.0219	0.0015	0.0235
175.6	-0.019	0.0351	0.0015	0.0366
175.6333	-0.019	0.0219	0.0015	0.0235
175.6667	-0.0236	0.0351	0.0015	0.0366
175.7	-0.02	0.0219	0.0042	0.0261
175.7333	-0.0216	0.0351	0.0002	0.0353
175.7667	-0.0232	0.0219	0.0015	0.0235
175.8	-0.0203	0.0219	0.0028	0.0248
175.8333	-0.0219	0.0088	0.0002	0.009
175.8667	-0.0196	0.0351	0.0028	0.0379
175.9	-0.0223	0.0088	0.0015	0.0103
175.9333	-0.019	0.0088	0.0015	0.0103
175.9667	-0.0213	0.0219	0.0002	0.0221
176	-0.0219	0.0219	0	0.0219
176.0333	-0.0236	0.0088	0.0028	0.0116
176.0667	-0.0176	0.0088	0.0015	0.0103
176.1	-0.0209	0.0219	0.0002	0.0221
176.1333	-0.0196	0.0219	0.0015	0.0235
176.1667	-0.0206	0.0351	0.0015	0.0366
176.2	-0.0226	0.0088	0.0015	0.0103
176.2333	-0.0249	0.0219	0.0002	0.0221
176.2667	-0.0226	0	0.0015	0.0015

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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
176.3	-0.02	0.0351	0.0015	0.0366
176.3333	-0.0219	0.0219	0.0015	0.0235
176.3667	-0.0186	0.0088	0.0002	0.009
176.4	-0.0209	0.0088	0.0002	0.009
176.4333	-0.0213	0.0219	0.0002	0.0221
176.4667	-0.0219	0.0219	0.0002	0.0221
176.5	-0.0203	0.0351	0.0015	0.0366
176.5333	-0.0216	0.0088	0.0002	0.009
176.5667	-0.0223	0.0219	0.0015	0.0235
176.6	-0.0236	0.0088	0.0002	0.009
176.6333	-0.0213	0.0088	0.0002	0.009
176.6667	-0.0193	0.0219	0.0015	0.0235
176.7	-0.0216	0.0219	0.0015	0.0235
176.7333	-0.0229	0.0219	0.0015	0.0235
176.7667	-0.0206	0.0351	0.0028	0.0379
176.8	-0.0203	0.0088	0.0015	0.0103
176.8333	-0.0226	0.0088	0	0.0088
176.8667	-0.0229	0.0219	0.0028	0.0248
176.9	-0.0203	0.0088	0.0028	0.0116
176.9333	-0.02	0.0219	0.0015	0.0235
176.9667	-0.0213	0.0219	0.0002	0.0221
177	-0.0219	0.0219	0.0002	0.0221
177.0333	-0.0223	0.0088	0.0002	0.009
177.0667	-0.0226	0.0351	0.0028	0.0379
177.1	-0.0226	0.0088	0.0015	0.0103
177.1333	-0.019	0.0088	0.0028	0.0116
177.1667	-0.0209	0.0351	0.0015	0.0366
177.2	-0.0219	0.0088	0.0015	0.0103
177.2333	-0.02	0.0088	0.0015	0.0103
177.2667	-0.0216	0.0219	0.0002	0.0221
177.3	-0.0249	0.0351	0.0015	0.0366
177.3333	-0.0232	0.0351	0	0.0351
177.3667	-0.0206	0.0219	0.0002	0.0221
177.4	-0.0239	0.0351	0.0015	0.0366
177.4333	-0.0203	0.0351	0	0.0351
177.4667	-0.0223	0.0219	0.0015	0.0235
177.5	-0.0229	0.0219	0.0002	0.0221
177.5333	-0.0186	0	0.0002	0.0002
177.5667	-0.0206	0.0219	0.0015	0.0235
177.6	-0.0229	0.0219	0.0015	0.0235
177.6333	-0.0209	0.0219	0.0015	0.0235
177.6667	-0.0209	0.0219	0.0015	0.0235
177.7	-0.0216	0.0219	0.0015	0.0235

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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
177.7333	-0.0229	0.0088	0.0015	0.0103
177.7667	-0.019	0.0088	0.0028	0.0116
177.8	-0.0216	0.0351	0.0015	0.0366
177.8333	-0.0226	0.0088	0.0002	0.009
177.8667	-0.0209	0.0219	0.0002	0.0221
177.9	-0.0223	0.0219	0.0015	0.0235
177.9333	-0.0206	0.0088	0.0015	0.0103
177.9667	-0.0173	0.0219	0.0015	0.0235
178	-0.0209	0.0219	0.0002	0.0221
178.0333	-0.0216	0.0219	0.0002	0.0221
178.0667	-0.0186	0.0088	0.0015	0.0103
178.1	-0.0206	0.0219	0.0015	0.0235
178.1333	-0.0213	0.0219	0.0015	0.0235
178.1667	-0.0196	0.0219	0.0028	0.0248
178.2	-0.0196	0.0219	0.0002	0.0221
178.2333	-0.0219	0.0219	0.0002	0.0221
178.2667	-0.0213	0.0351	0.0002	0.0353
178.3	-0.0213	0.0219	0.0028	0.0248
178.3333	-0.0203	0	0.0015	0.0015
178.3667	-0.0216	0.0088	0.0002	0.009
178.4	-0.0196	0.0219	0.0002	0.0221
178.4333	-0.0229	0.0219	0.0002	0.0221
178.4667	-0.019	0.0088	0.0015	0.0103
178.5	-0.0196	0.0351	0.0002	0.0353
178.5333	-0.0203	0.0219	0.0002	0.0221
178.5667	-0.0236	0.0088	0.0015	0.0103
178.6	-0.0203	0.0219	0.0002	0.0221
178.6333	-0.0213	0.0219	0.0015	0.0235
178.6667	-0.0216	0.0088	0.0002	0.009
178.7	-0.0213	0.0088	0.0028	0.0116
178.7333	-0.0213	0.0219	0.0002	0.0221
178.7667	-0.0246	0.0088	0.0002	0.009
178.8	-0.02	0.0088	0.0002	0.009
178.8333	-0.0216	0.0088	0.0015	0.0103
178.8667	-0.0232	0.0088	0.0002	0.009
178.9	-0.018	0.0219	0.0015	0.0235
178.9333	-0.0193	0.0088	0.0002	0.009
178.9667	-0.0236	0.0219	0.0002	0.0221
179	-0.0216	0.0219	0.0015	0.0235
179.0333	-0.0203	0.0219	0.0002	0.0221
179.0667	-0.0226	0.0088	0.0015	0.0103
179.1	-0.0229	0.0219	0.0015	0.0235
179.1333	-0.0209	0.0088	0.0015	0.0103

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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
179.1667	-0.0196	0.0088	0.0002	0.009
179.2	-0.0216	0.0088	0.0015	0.0103
179.2333	-0.0203	0.0219	0.0015	0.0235
179.2667	-0.0209	0.0351	0.0015	0.0366
179.3	-0.019	0.0219	0.0015	0.0235
179.3333	-0.0216	0.0088	0.0002	0.009
179.3667	-0.0226	0	0.0015	0.0015
179.4	-0.0206	0.0088	0.0015	0.0103
179.4333	-0.0219	0.0088	0.0002	0.009
179.4667	-0.0209	0.0088	0.0002	0.009
179.5	-0.02	0.0088	0.0002	0.009
179.5333	-0.0236	0.0351	0.0015	0.0366
179.5667	-0.0193	0.0219	0	0.0219
179.6	-0.0219	0.0219	0	0.0219
179.6333	-0.0239	0.0088	0.0002	0.009
179.6667	-0.0239	0.0219	0.0002	0.0221
179.7	-0.02	0.0219	0.0002	0.0221
179.7333	-0.0186	0.0088	0.0002	0.009
179.7667	-0.019	0.0088	0.0015	0.0103
179.8	-0.0229	0.0351	0.0028	0.0379
179.8333	-0.018	0.0088	0.0002	0.009
179.8667	-0.0203	0.0088	0.0015	0.0103
179.9	-0.0246	0.0088	0.0015	0.0103
179.9333	-0.0186	0.0351	0.0002	0.0353
179.9667	-0.0203	0.0219	0.0015	0.0235
180	-0.0206	0.0219	0.0002	0.0221
180.0333	-0.02	0.0088	0.0002	0.009
180.0667	-0.0242	0.0351	0.0015	0.0366
180.1	-0.0216	0.0219	0.0028	0.0248
180.1333	-0.0216	0	0.0002	0.0002
180.1667	-0.0209	0.0219	0.0015	0.0235
180.2	-0.0203	0.0219	0.0002	0.0221
180.2333	-0.0232	0.0088	0.0015	0.0103
180.2667	-0.0167	0.0219	0.0015	0.0235
180.3	-0.0203	0.0219	0.0002	0.0221
180.3333	-0.0203	0.0088	0.0028	0.0116
180.3667	-0.0219	0.0219	0.0015	0.0235
180.4	-0.0203	0.0088	0.0015	0.0103
180.4333	-0.0232	0.0219	0.0028	0.0248
180.4667	-0.0219	0	0.0015	0.0015
180.5	-0.0209	0.0219	0.0028	0.0248
180.5333	-0.0219	0.0088	0.0028	0.0116
180.5667	-0.0216	0.0088	0.0015	0.0103

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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
180.6	-0.0236	0.0088	0.0002	0.009
180.6333	-0.0209	0.0088	0.0015	0.0103
180.6667	-0.02	0.0351	0.0002	0.0353
180.7	-0.0239	0	0.0002	0.0002
180.7333	-0.0216	0.0088	0.0002	0.009
180.7667	-0.0219	0.0219	0.0002	0.0221
180.8	-0.0216	0.0219	0.0015	0.0235
180.8333	-0.0206	0.0088	0.0002	0.009
180.8667	-0.0213	0.0351	0.0015	0.0366
180.9	-0.019	0.0219	0.0002	0.0221
180.9333	-0.0196	0.0088	0.0002	0.009
180.9667	-0.0229	0.0351	0.0028	0.0379
181	-0.02	0.0219	0	0.0219
181.0333	-0.0226	0.0219	0.0015	0.0235
181.0667	-0.0223	0.0219	0.0002	0.0221
181.1	-0.0226	0.0088	0.0002	0.009
181.1333	-0.0239	0.0088	0.0015	0.0103
181.1667	-0.0203	0.0088	0.0015	0.0103
181.2	-0.0223	0.0219	0.0002	0.0221
181.2333	-0.0213	0.0351	0.0002	0.0353
181.2667	-0.019	0.0219	0.0015	0.0235
181.3	-0.0209	0.0088	0.0002	0.009
181.3333	-0.0213	0.0351	0	0.0351
181.3667	-0.0206	0.0088	0.0002	0.009
181.4	-0.0226	0.0088	0.0002	0.009
181.4333	-0.0203	0.0088	0.0002	0.009
181.4667	-0.0203	0.0219	0.0002	0.0221
181.5	-0.0206	0	0.0015	0.0015
181.5333	-0.0186	0.0219	0.0002	0.0221
181.5667	-0.0246	0.0219	0.0002	0.0221
181.6	-0.0213	0.0219	0.0028	0.0248
181.6333	-0.0196	0.0219	0.0002	0.0221
181.6667	-0.0236	0.0351	0.0028	0.0379
181.7	-0.0203	0.0219	0.0015	0.0235
181.7333	-0.0216	0.0088	0.0028	0.0116
181.7667	-0.0206	0.0219	0.0002	0.0221
181.8	-0.019	0.0351	0.0002	0.0353
181.8333	-0.0226	0.0219	0.0015	0.0235
181.8667	-0.0232	0	0.0015	0.0015
181.9	-0.0226	0.0219	0.0002	0.0221
181.9333	-0.0193	0.0219	0.0015	0.0235
181.9667	-0.0223	0.0088	0.0002	0.009
182	-0.0219	0.0351	0.0015	0.0366



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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
182.0333	-0.0196	0.0088	0.0028	0.0116
182.0667	-0.0236	0	0.0015	0.0015
182.1	-0.0219	0.0088	0.0002	0.009
182.1333	-0.0209	0	0.0002	0.0002
182.1667	-0.0216	0.0088	0.0002	0.009
182.2	-0.0229	0.0088	0.0002	0.009
182.2333	-0.0219	0.0219	0.0002	0.0221
182.2667	-0.0216	0.0351	0.0015	0.0366
182.3	-0.0206	0.0219	0.0002	0.0221
182.3333	-0.0183	0.0219	0.0028	0.0248
182.3667	-0.0216	0.0219	0.0015	0.0235
182.4	-0.0209	0.0219	0.0015	0.0235
182.4333	-0.0213	0.0219	0.0002	0.0221
182.4667	-0.0203	0.0219	0.0015	0.0235
182.5	-0.0232	0.0219	0.0015	0.0235
182.5333	-0.0216	0.0219	0.0015	0.0235
182.5667	-0.0219	0.0219	0.0015	0.0235
182.6	-0.0229	0.0219	0.0015	0.0235
182.6333	-0.0219	0.0088	0.0028	0.0116
182.6667	-0.0229	0.0351	0.0015	0.0366
182.7	-0.0209	0.0219	0.0015	0.0235
182.7333	-0.0226	0.0088	0.0002	0.009
182.7667	-0.0229	0.0482	0.0015	0.0497
182.8	-0.0209	0.0219	0.0015	0.0235
182.8333	-0.0216	0.0088	0.0002	0.009
182.8667	-0.0203	0.0219	0.0002	0.0221
182.9	-0.0203	0.0219	0.0015	0.0235
182.9333	-0.0219	0.0219	0.0015	0.0235
182.9667	-0.0193	0.0219	0.0015	0.0235
183	-0.0203	0.0219	0.0015	0.0235
183.0333	-0.0249	0.0482	0.0002	0.0484
183.0667	-0.017	0.0219	0.0015	0.0235
183.1	-0.0196	0.0088	0.0015	0.0103
183.1333	-0.018	0.0088	0.0002	0.009
183.1667	-0.0206	0	0.0015	0.0015
183.2	-0.0213	0.0219	0.0015	0.0235
183.2333	-0.0206	0.0219	0.0015	0.0235
183.2667	-0.0223	0.0351	0.0015	0.0366
183.3	-0.0223	0	0.0015	0.0015
183.3333	-0.0219	0.0219	0.0015	0.0235
183.3667	-0.02	0.0088	0.0002	0.009
183.4	-0.0203	0.0219	0.0015	0.0235
183.4333	-0.0219	0.0088	0.0002	0.009

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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
183.4667	-0.0226	0.0088	0.0002	0.009
183.5	-0.02	0	0.0015	0.0015
183.5333	-0.0213	0.0219	0.0002	0.0221
183.5667	-0.0203	0.0351	0.0015	0.0366
183.6	-0.0223	0.0219	0.0002	0.0221
183.6333	-0.0232	0.0088	0.0015	0.0103
183.6667	-0.0209	0.0219	0.0015	0.0235
183.7	-0.0216	0.0088	0.0002	0.009
183.7333	-0.0246	0.0351	0.0015	0.0366
183.7667	-0.0226	0.0219	0.0015	0.0235
183.8	-0.0216	0.0351	0.0015	0.0366
183.8333	-0.0186	0.0088	0.0002	0.009
183.8667	-0.0249	0.0088	0.0002	0.009
183.9	-0.0193	0.0351	0.0002	0.0353
183.9333	-0.0206	0.0088	0.0002	0.009
183.9667	-0.0183	0.0088	0.0028	0.0116
184	-0.0206	0.0351	0.0002	0.0353
184.0333	-0.0213	0.0219	0.0028	0.0248
184.0667	-0.0232	0.0219	0.0015	0.0235
184.1	-0.0229	0.0088	0.0015	0.0103
184.1333	-0.0213	0.0219	0.0002	0.0221
184.1667	-0.02	0.0219	0.0015	0.0235
184.2	-0.0196	0.0088	0.0015	0.0103
184.2333	-0.02	0.0088	0.0015	0.0103
184.2667	-0.0209	0.0088	0.0015	0.0103
184.3	-0.0249	0.0088	0.0015	0.0103
184.3333	-0.0232	0.0219	0.0015	0.0235
184.3667	-0.0219	0.0088	0.0002	0.009
184.4	-0.0206	0.0351	0	0.0351
184.4333	-0.0216	0.0219	0.0015	0.0235
184.4667	-0.0203	0.0219	0.0002	0.0221
184.5	-0.019	0.0088	0.0028	0.0116
184.5333	-0.0183	0.0219	0.0028	0.0248
184.5667	-0.0206	0.0219	0.0002	0.0221
184.6	-0.0226	0.0088	0.0015	0.0103
184.6333	-0.018	0.0351	0.0015	0.0366
184.6667	-0.0219	0.0219	0.0002	0.0221
184.7	-0.0226	0.0088	0.0002	0.009
184.7333	-0.0196	0.0219	0	0.0219
184.7667	-0.0203	0.0219	0	0.0219
184.8	-0.0232	0.0351	0.0002	0.0353
184.8333	-0.02	0.0088	0.0002	0.009
184.8667	-0.0196	0.0088	0.0015	0.0103

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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
184.9	-0.0206	0.0219	0.0002	0.0221
184.9333	-0.0206	0.0219	0.0015	0.0235
184.9667	-0.0213	0.0219	0.0002	0.0221
185	-0.0213	0.0219	0.0002	0.0221
185.0333	-0.0193	0.0219	0.0015	0.0235
185.0667	-0.0223	0.0219	0.0015	0.0235
185.1	-0.0196	0.0351	0.0002	0.0353
185.1333	-0.0226	0.0219	0.0015	0.0235
185.1667	-0.0206	0.0219	0.0002	0.0221
185.2	-0.0206	0.0351	0.0015	0.0366
185.2333	-0.0216	0.0219	0.0015	0.0235
185.2667	-0.0193	0.0219	0.0002	0.0221
185.3	-0.0196	0	0	0
185.3333	-0.0213	0.0088	0.0002	0.009
185.3667	-0.0226	0.0219	0.0002	0.0221
185.4	-0.0209	0.0088	0.0015	0.0103
185.4333	-0.0196	0.0219	0.0002	0.0221
185.4667	-0.0232	0.0088	0.0015	0.0103
185.5	-0.0216	0.0482	0.0002	0.0484
185.5333	-0.0203	0.0219	0.0002	0.0221
185.5667	-0.0242	0.0088	0.0015	0.0103
185.6	-0.0219	0.0219	0.0002	0.0221
185.6333	-0.019	0.0088	0.0002	0.009
185.6667	-0.017	0.0219	0.0015	0.0235
185.7	-0.0209	0.0088	0.0015	0.0103
185.7333	-0.0229	0.0219	0.0015	0.0235
185.7667	-0.0213	0.0219	0.0002	0.0221
185.8	-0.0209	0.0219	0.0015	0.0235
185.8333	-0.0239	0.0219	0.0002	0.0221
185.8667	-0.0193	0.0219	0.0015	0.0235
185.9	-0.019	0.0088	0.0002	0.009
185.9333	-0.0186	0.0088	0.0015	0.0103
185.9667	-0.0209	0.0088	0.0015	0.0103
186	-0.0213	0.0088	0.0015	0.0103
186.0333	-0.0213	0.0219	0.0002	0.0221
186.0667	-0.0196	0.0088	0.0002	0.009
186.1	-0.0193	0.0219	0.0015	0.0235
186.1333	-0.0216	0.0088	0.0015	0.0103
186.1667	-0.0236	0.0351	0.0015	0.0366
186.2	-0.0186	0.0219	0.0015	0.0235
186.2333	-0.0176	0.0088	0.0015	0.0103
186.2667	-0.0213	0.0088	0.0002	0.009
186.3	-0.0186	0.0088	0.0002	0.009

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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
186.3333	-0.0209	0.0088	0.0015	0.0103
186.3667	-0.0209	0.0088	0.0002	0.009
186.4	-0.0196	0.0088	0.0015	0.0103
186.4333	-0.0216	0.0088	0.0002	0.009
186.4667	-0.0223	0.0219	0.0002	0.0221
186.5	-0.0196	0.0219	0.0015	0.0235
186.5333	-0.0196	0.0088	0.0015	0.0103
186.5667	-0.0252	0.0219	0.0002	0.0221
186.6	-0.0209	0.0219	0.0015	0.0235
186.6333	-0.02	0.0088	0.0015	0.0103
186.6667	-0.0209	0.0088	0.0015	0.0103
186.7	-0.019	0	0.0015	0.0015
186.7333	-0.0242	0.0088	0.0015	0.0103
186.7667	-0.0209	0.0219	0.0015	0.0235
186.8	-0.0213	0.0088	0.0002	0.009
186.8333	-0.0209	0.0351	0.0002	0.0353
186.8667	-0.0196	0.0219	0.0002	0.0221
186.9	-0.0203	0.0219	0.0002	0.0221
186.9333	-0.0209	0.0219	0.0015	0.0235
186.9667	-0.0209	0	0.0002	0.0002
187	-0.0223	0.0219	0.0015	0.0235
187.0333	-0.0203	0.0219	0.0042	0.0261
187.0667	-0.0193	0.0219	0.0015	0.0235
187.1	-0.0223	0.0219	0.0015	0.0235
187.1333	-0.0203	0.0351	0.0015	0.0366
187.1667	-0.02	0.0088	0.0015	0.0103
187.2	-0.0236	0.0351	0.0015	0.0366
187.2333	-0.0196	0.0219	0.0015	0.0235
187.2667	-0.0226	0.0351	0.0002	0.0353
187.3	-0.0206	0.0219	0.0028	0.0248
187.3333	-0.0232	0.0219	0.0015	0.0235
187.3667	-0.0213	0.0219	0.0028	0.0248
187.4	-0.0209	0.0088	0.0002	0.009
187.4333	-0.0216	0.0088	0.0002	0.009
187.4667	-0.0213	0.0219	0.0002	0.0221
187.5	-0.0216	0.0219	0.0002	0.0221
187.5333	-0.0206	0.0219	0.0015	0.0235
187.5667	-0.0236	0.0088	0.0002	0.009
187.6	-0.0249	0.0219	0.0015	0.0235
187.6333	-0.0196	0.0219	0.0002	0.0221
187.6667	-0.0229	0.0219	0.0015	0.0235
187.7	-0.0183	0.0088	0.0028	0.0116
187.7333	-0.0193	0.0219	0.0015	0.0235

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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
187.7667	-0.0186	0.0351	0.0028	0.0379
187.8	-0.02	0.0351	0.0028	0.0379
187.8333	-0.0193	0.0219	0.0015	0.0235
187.8667	-0.02	0.0351	0.0002	0.0353
187.9	-0.0239	0.0351	0.0002	0.0353
187.9333	-0.0213	0.0219	0.0015	0.0235
187.9667	-0.0216	0.0219	0.0002	0.0221
188	-0.0219	0.0088	0.0002	0.009
188.0333	-0.0193	0.0219	0.0002	0.0221
188.0667	-0.0232	0.0088	0.0002	0.009
188.1	-0.0209	0.0219	0.0002	0.0221
188.1333	-0.0216	0.0088	0.0028	0.0116
188.1667	-0.0226	0.0219	0.0015	0.0235
188.2	-0.0203	0.0219	0.0002	0.0221
188.2333	-0.0193	0.0482	0.0015	0.0497
188.2667	-0.0176	0.0219	0.0028	0.0248
188.3	-0.0196	0.0088	0.0002	0.009
188.3333	-0.0203	0.0088	0.0015	0.0103
188.3667	-0.0226	0.0219	0.0002	0.0221
188.4	-0.0232	0.0219	0.0002	0.0221
188.4333	-0.0232	0.0351	0	0.0351
188.4667	-0.019	0.0219	0.0015	0.0235
188.5	-0.0186	0.0219	0.0002	0.0221
188.5333	-0.0229	0.0219	0.0002	0.0221
188.5667	-0.0203	0.0088	0.0015	0.0103
188.6	-0.019	0.0088	0.0002	0.009
188.6333	-0.0216	0.0351	0.0015	0.0366
188.6667	-0.0209	0.0088	0.0015	0.0103
188.7	-0.0193	0	0.0015	0.0015
188.7333	-0.0216	0	0.0015	0.0015
188.7667	-0.0216	0.0088	0.0002	0.009
188.8	-0.0206	0	0	0
188.8333	-0.0203	0.0219	0.0015	0.0235
188.8667	-0.0213	0.0088	0.0002	0.009
188.9	-0.0229	0.0219	0.0015	0.0235
188.9333	-0.0206	0.0088	0.0015	0.0103
188.9667	-0.0203	0.0219	0.0015	0.0235
189	-0.0229	0.0088	0.0028	0.0116
189.0333	-0.0206	0.0219	0.0002	0.0221
189.0667	-0.0229	0.0351	0.0015	0.0366
189.1	-0.0213	0.0088	0.0002	0.009
189.1333	-0.0213	0.0219	0.0015	0.0235
189.1667	-0.0232	0.0219	0.0015	0.0235

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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
189.2	-0.0223	0.0088	0.0015	0.0103
189.2333	-0.0216	0.0219	0.0015	0.0235
189.2667	-0.017	0.0219	0.0015	0.0235
189.3	-0.0226	0.0219	0.0028	0.0248
189.3333	-0.0209	0.0219	0.0015	0.0235
189.3667	-0.0229	0	0.0002	0.0002
189.4	-0.0209	0.0351	0.0002	0.0353
189.4333	-0.02	0.0219	0.0028	0.0248
189.4667	-0.0183	0.0219	0.0015	0.0235
189.5	-0.0203	0.0351	0.0002	0.0353
189.5333	-0.0223	0.0088	0.0002	0.009
189.5667	-0.0216	0.0088	0.0002	0.009
189.6	-0.0223	0.0088	0.0015	0.0103
189.6333	-0.02	0.0088	0.0015	0.0103
189.6667	-0.0219	0	0	0
189.7	-0.0232	0.0219	0.0015	0.0235
189.7333	-0.0216	0.0219	0.0002	0.0221
189.7667	-0.02	0.0088	0.0015	0.0103
189.8	-0.0193	0.0351	0.0015	0.0366
189.8333	-0.0196	0.0088	0.0015	0.0103
189.8667	-0.0216	0.0219	0.0015	0.0235
189.9	-0.0193	0.0219	0.0015	0.0235
189.9333	-0.019	0.0219	0.0002	0.0221
189.9667	-0.0216	0.0351	0.0015	0.0366
190	-0.0213	0.0088	0.0002	0.009
190.0333	-0.02	0.0219	0.0015	0.0235
190.0667	-0.0203	0.0088	0.0028	0.0116
190.1	-0.0226	0	0.0015	0.0015
190.1333	-0.0226	0.0219	0.0002	0.0221
190.1667	-0.0209	0.0088	0.0002	0.009
190.2	-0.0203	0.0088	0.0015	0.0103
190.2333	-0.0196	0.0219	0.0002	0.0221
190.2667	-0.0226	0.0219	0.0015	0.0235
190.3	-0.0213	0.0351	0.0015	0.0366
190.3333	-0.0249	0.0219	0.0015	0.0235
190.3667	-0.0229	0.0219	0.0015	0.0235
190.4	-0.0232	0.0219	0	0.0219
190.4333	-0.0209	0.0219	0.0002	0.0221
190.4667	-0.0246	0.0088	0.0015	0.0103
190.5	-0.0213	0.0219	0.0015	0.0235
190.5333	-0.0229	0.0219	0.0028	0.0248
190.5667	-0.0213	0.0219	0.0028	0.0248
190.6	-0.0232	0.0219	0.0015	0.0235



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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
190.6333	-0.0239	0.0219	0.0028	0.0248
190.6667	-0.0226	0.0219	0.0015	0.0235
190.7	-0.0213	0.0219	0.0002	0.0221
190.7333	-0.0229	0.0088	0.0015	0.0103
190.7667	-0.0229	0.0088	0.0015	0.0103
190.8	-0.02	0.0219	0.0015	0.0235
190.8333	-0.0196	0.0219	0.0002	0.0221
190.8667	-0.0209	0	0.0028	0.0028
190.9	-0.0206	0.0219	0.0028	0.0248
190.9333	-0.0216	0.0219	0.0028	0.0248
190.9667	-0.0209	0.0219	0.0015	0.0235
191	-0.0232	0.0088	0.0015	0.0103
191.0333	-0.0209	0.0219	0.0015	0.0235
191.0667	-0.019	0.0219	0.0002	0.0221
191.1	-0.0236	0.0219	0	0.0219
191.1333	-0.0229	0.0088	0.0028	0.0116
191.1667	-0.0219	0.0219	0.0002	0.0221
191.2	-0.0216	0.0219	0.0015	0.0235
191.2333	-0.0206	0.0219	0	0.0219
191.2667	-0.0183	0.0219	0.0028	0.0248
191.3	-0.0209	0.0088	0	0.0088
191.3333	-0.0236	0.0219	0.0015	0.0235
191.3667	-0.0229	0.0219	0.0002	0.0221
191.4	-0.0209	0.0088	0.0028	0.0116
191.4333	-0.019	0.0219	0.0015	0.0235
191.4667	-0.0203	0.0088	0.0002	0.009
191.5	-0.0232	0.0219	0.0028	0.0248
191.5333	-0.0196	0.0219	0.0015	0.0235
191.5667	-0.0213	0.0088	0.0015	0.0103
191.6	-0.0219	0.0219	0.0015	0.0235
191.6333	-0.0229	0.0088	0.0015	0.0103
191.6667	-0.0209	0.0088	0.0015	0.0103
191.7	-0.0236	0.0219	0.0015	0.0235
191.7333	-0.0216	0.0351	0.0015	0.0366
191.7667	-0.0206	0.0088	0.0015	0.0103
191.8	-0.0213	0.0482	0.0002	0.0484
191.8333	-0.0196	0.0219	0.0015	0.0235
191.8667	-0.0216	0.0219	0.0015	0.0235
191.9	-0.0219	0.0088	0.0015	0.0103
191.9333	-0.019	0.0219	0.0002	0.0221
191.9667	-0.0209	0.0088	0.0015	0.0103
192	-0.0213	0.0088	0.0015	0.0103
192.0333	-0.0196	0.0351	0	0.0351

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192.0667	-0.0239	0.0088	0.0015	0.0103
192.1	-0.0216	0.0219	0.0015	0.0235
192.1333	-0.0203	0.0482	0.0002	0.0484
192.1667	-0.0206	0.0219	0.0015	0.0235
192.2	-0.0203	0.0351	0.0002	0.0353
192.2333	-0.02	0.0088	0.0015	0.0103
192.2667	-0.0213	0.0219	0.0002	0.0221
192.3	-0.0183	0.0088	0.0015	0.0103
192.3333	-0.0203	0.0088	0.0002	0.009
192.3667	-0.0236	0.0088	0.0015	0.0103
192.4	-0.0213	0.0351	0	0.0351
192.4333	-0.0242	0.0088	0.0015	0.0103
192.4667	-0.019	0.0219	0.0015	0.0235
192.5	-0.019	0.0219	0.0002	0.0221
192.5333	-0.0216	0.0351	0.0015	0.0366
192.5667	-0.0206	0.0219	0.0028	0.0248
192.6	-0.0213	0.0219	0.0015	0.0235
192.6333	-0.0209	0.0219	0.0015	0.0235
192.6667	-0.0229	0.0088	0.0015	0.0103
192.7	-0.0209	0.0088	0.0015	0.0103
192.7333	-0.0219	0.0088	0.0002	0.009
192.7667	-0.0239	0.0219	0.0002	0.0221
192.8	-0.0216	0.0088	0.0002	0.009
192.8333	-0.0193	0.0351	0.0028	0.0379
192.8667	-0.0203	0.0219	0.0015	0.0235
192.9	-0.0209	0.0219	0.0015	0.0235
192.9333	-0.0226	0.0219	0.0002	0.0221
192.9667	-0.0203	0.0219	0.0015	0.0235
193	-0.0213	0.0219	0.0002	0.0221
193.0333	-0.019	0.0351	0.0002	0.0353
193.0667	-0.0236	0.0219	0.0015	0.0235
193.1	-0.0196	0.0219	0.0015	0.0235
193.1333	-0.0239	0.0219	0.0015	0.0235
193.1667	-0.0213	0.0219	0.0015	0.0235
193.2	-0.0236	0.0351	0.0002	0.0353
193.2333	-0.0265	0.0219	0.0002	0.0221
193.2667	-0.0219	0.0088	0.0015	0.0103
193.3	-0.0232	0.0088	0.0015	0.0103
193.3333	-0.0209	0.0219	0.0002	0.0221
193.3667	-0.0213	0.0219	0.0015	0.0235
193.4	-0.0213	0.0088	0.0028	0.0116
193.4333	-0.0229	0.0351	0.0015	0.0366
193.4667	-0.0213	0.0219	0.0042	0.0261

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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
193.5	-0.0229	0.0351	0.0015	0.0366
193.5333	-0.02	0.0219	0.0015	0.0235
193.5667	-0.02	0.0219	0.0015	0.0235
193.6	-0.0209	0	0.0015	0.0015
193.6333	-0.0229	0.0088	0.0015	0.0103
193.6667	-0.0216	0.0219	0.0015	0.0235
193.7	-0.0216	0.0219	0.0015	0.0235
193.7333	-0.0193	0.0219	0.0002	0.0221
193.7667	-0.0236	0.0351	0.0002	0.0353
193.8	-0.0209	0.0219	0	0.0219
193.8333	-0.0203	0.0088	0.0015	0.0103
193.8667	-0.0203	0.0088	0.0015	0.0103
193.9	-0.0216	0.0088	0.0002	0.009
193.9333	-0.0209	0.0219	0.0015	0.0235
193.9667	-0.019	0.0088	0.0015	0.0103
194	-0.0209	0	0.0015	0.0015
194.0333	-0.0226	0.0219	0.0002	0.0221
194.0667	-0.0236	0.0088	0.0002	0.009
194.1	-0.0213	0.0219	0.0002	0.0221
194.1333	-0.0196	0.0219	0.0015	0.0235
194.1667	-0.0223	0.0351	0.0015	0.0366
194.2	-0.0229	0.0219	0.0015	0.0235
194.2333	-0.0209	0	0.0028	0.0028
194.2667	-0.0229	0.0088	0.0015	0.0103
194.3	-0.0209	0.0088	0.0002	0.009
194.3333	-0.0223	0.0088	0.0015	0.0103
194.3667	-0.0193	0.0482	0.0028	0.0511
194.4	-0.0219	0.0219	0.0015	0.0235
194.4333	-0.0203	0.0351	0.0015	0.0366
194.4667	-0.0219	0.0219	0.0028	0.0248
194.5	-0.0223	0.0351	0.0002	0.0353
194.5333	-0.0183	0.0219	0.0028	0.0248
194.5667	-0.0213	0.0219	0.0015	0.0235
194.6	-0.0206	0.0088	0.0015	0.0103
194.6333	-0.0232	0.0219	0.0015	0.0235
194.6667	-0.0213	0.0219	0.0002	0.0221
194.7	-0.0252	0.0088	0.0015	0.0103
194.7333	-0.0216	0.0088	0.0015	0.0103
194.7667	-0.02	0.0088	0.0015	0.0103
194.8	-0.02	0.0482	0.0015	0.0497
194.8333	-0.0209	0.0351	0.0028	0.0379
194.8667	-0.02	0	0.0002	0.0002
194.9	-0.0209	0.0219	0.0002	0.0221

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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
194.9333	-0.0203	0.0219	0.0015	0.0235
194.9667	-0.0203	0.0088	0.0002	0.009
195	-0.0216	0.0219	0.0002	0.0221
195.0333	-0.0223	0.0351	0.0015	0.0366
195.0667	-0.0223	0.0088	0.0002	0.009
195.1	-0.0223	0.0219	0.0015	0.0235
195.1333	-0.0196	0.0219	0.0028	0.0248
195.1667	-0.0213	0.0088	0.0015	0.0103
195.2	-0.0206	0.0219	0.0015	0.0235
195.2333	-0.0242	0.0088	0.0015	0.0103
195.2667	-0.0193	0.0088	0.0015	0.0103
195.3	-0.0193	0.0351	0.0002	0.0353
195.3333	-0.0203	0.0351	0.0002	0.0353
195.3667	-0.0223	0.0219	0.0015	0.0235
195.4	-0.0223	0.0351	0.0015	0.0366
195.4333	-0.02	0	0.0002	0.0002
195.4667	-0.019	0.0219	0.0002	0.0221
195.5	-0.0216	0.0219	0.0015	0.0235
195.5333	-0.0176	0.0219	0.0015	0.0235
195.5667	-0.0213	0.0088	0.0015	0.0103
195.6	-0.0203	0.0219	0.0028	0.0248
195.6333	-0.0219	0.0219	0.0028	0.0248
195.6667	-0.0226	0	0.0015	0.0015
195.7	-0.0196	0.0219	0.0002	0.0221
195.7333	-0.0216	0.0088	0	0.0088
195.7667	-0.0223	0	0.0015	0.0015
195.8	-0.0239	0.0088	0.0002	0.009
195.8333	-0.0196	0	0.0015	0.0015
195.8667	-0.0213	0.0088	0.0015	0.0103
195.9	-0.019	0.0219	0.0028	0.0248
195.9333	-0.0203	0.0351	0.0015	0.0366
195.9667	-0.0216	0.0219	0.0002	0.0221
196	-0.02	0.0219	0.0015	0.0235
196.0333	-0.0193	0.0351	0.0015	0.0366
196.0667	-0.0203	0.0219	0.0002	0.0221
196.1	-0.0209	0.0219	0.0015	0.0235
196.1333	-0.0206	0.0219	0.0002	0.0221
196.1667	-0.018	0.0088	0.0002	0.009
196.2	-0.0186	0.0088	0.0002	0.009
196.2333	-0.0186	0.0088	0.0002	0.009
196.2667	-0.0213	0.0351	0.0028	0.0379
196.3	-0.0242	0.0351	0.0015	0.0366
196.3333	-0.0216	0.0219	0.0028	0.0248

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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
196.3667	-0.0226	0.0219	0.0015	0.0235
196.4	-0.0229	0.0351	0.0002	0.0353
196.4333	-0.0206	0.0219	0.0002	0.0221
196.4667	-0.019	0	0.0002	0.0002
196.5	-0.0213	0.0088	0.0002	0.009
196.5333	-0.0236	0.0219	0.0015	0.0235
196.5667	-0.0219	0.0088	0.0015	0.0103
196.6	-0.0209	0.0088	0.0015	0.0103
196.6333	-0.0209	0.0219	0.0015	0.0235
196.6667	-0.0216	0.0088	0.0002	0.009
196.7	-0.0232	0.0088	0	0.0088
196.7333	-0.0216	0.0351	0.0015	0.0366
196.7667	-0.0232	0.0219	0.0015	0.0235
196.8	-0.0206	0.0088	0.0015	0.0103
196.8333	-0.0229	0.0088	0.0015	0.0103
196.8667	-0.0206	0.0219	0.0015	0.0235
196.9	-0.0239	0.0219	0.0015	0.0235
196.9333	-0.0186	0.0088	0.0028	0.0116
196.9667	-0.0219	0.0219	0	0.0219
197	-0.02	0.0219	0.0028	0.0248
197.0333	-0.019	0.0088	0.0002	0.009
197.0667	-0.0213	0.0219	0.0028	0.0248
197.1	-0.0209	0.0219	0.0015	0.0235
197.1333	-0.0203	0.0219	0.0015	0.0235
197.1667	-0.0203	0.0088	0.0015	0.0103
197.2	-0.0203	0.0088	0.0002	0.009
197.2333	-0.0206	0.0088	0.0015	0.0103
197.2667	-0.0196	0.0088	0.0015	0.0103
197.3	-0.0213	0.0351	0.0015	0.0366
197.3333	-0.0209	0.0219	0.0002	0.0221
197.3667	-0.019	0.0219	0.0002	0.0221
197.4	-0.0236	0.0219	0.0015	0.0235
197.4333	-0.0209	0.0351	0.0015	0.0366
197.4667	-0.0173	0.0088	0.0015	0.0103
197.5	-0.0223	0.0219	0.0015	0.0235
197.5333	-0.0206	0.0219	0.0015	0.0235
197.5667	-0.0206	0.0219	0.0028	0.0248
197.6	-0.0213	0.0088	0.0015	0.0103
197.6333	-0.0203	0.0219	0.0002	0.0221
197.6667	-0.0223	0.0219	0.0015	0.0235
197.7	-0.0213	0.0219	0.0028	0.0248
197.7333	-0.0213	0.0088	0.0002	0.009
197.7667	-0.0183	0.0088	0.0015	0.0103



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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
197.8	-0.0213	0.0088	0.0015	0.0103
197.8333	-0.0226	0.0088	0.0015	0.0103
197.8667	-0.0183	0.0219	0.0028	0.0248
197.9	-0.0223	0.0351	0.0028	0.0379
197.9333	-0.0193	0.0219	0.0002	0.0221
197.9667	-0.0206	0.0219	0.0002	0.0221
198	-0.0206	0.0219	0.0015	0.0235
198.0333	-0.0213	0.0088	0.0015	0.0103
198.0667	-0.019	0.0351	0.0002	0.0353
198.1	-0.0196	0.0088	0.0015	0.0103
198.1333	-0.0226	0.0351	0	0.0351
198.1667	-0.0203	0.0219	0.0015	0.0235
198.2	-0.0209	0.0088	0.0015	0.0103
198.2333	-0.0226	0.0088	0.0015	0.0103
198.2667	-0.0219	0.0482	0.0002	0.0484
198.3	-0.0213	0.0219	0	0.0219
198.3333	-0.0196	0.0088	0.0015	0.0103
198.3667	-0.019	0.0088	0.0028	0.0116
198.4	-0.0203	0.0351	0.0015	0.0366
198.4333	-0.0213	0.0219	0.0002	0.0221
198.4667	-0.018	0.0088	0.0015	0.0103
198.5	-0.0229	0.0219	0	0.0219
198.5333	-0.0229	0.0088	0.0002	0.009
198.5667	-0.02	0.0088	0.0015	0.0103
198.6	-0.0206	0.0088	0.0015	0.0103
198.6333	-0.0226	0.0088	0.0002	0.009
198.6667	-0.0209	0.0219	0.0028	0.0248
198.7	-0.0203	0.0219	0.0028	0.0248
198.7333	-0.019	0.0088	0.0015	0.0103
198.7667	-0.0206	0.0088	0.0002	0.009
198.8	-0.0223	0.0088	0.0015	0.0103
198.8333	-0.0196	0.0351	0.0028	0.0379
198.8667	-0.0196	0.0351	0.0002	0.0353
198.9	-0.02	0.0088	0.0002	0.009
198.9333	-0.02	0.0088	0.0015	0.0103
198.9667	-0.0186	0.0088	0.0015	0.0103
199	-0.02	0.0219	0.0028	0.0248
199.0333	-0.0209	0.0351	0.0002	0.0353
199.0667	-0.0206	0.0088	0.0015	0.0103
199.1	-0.0203	0.0088	0.0015	0.0103
199.1333	-0.0226	0.0219	0.0028	0.0248
199.1667	-0.0203	0.0088	0.0002	0.009
199.2	-0.0216	0.0219	0.0015	0.0235



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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
199.2333	-0.019	0.0219	0.0028	0.0248
199.2667	-0.0209	0.0219	0.0015	0.0235
199.3	-0.0203	0.0219	0.0002	0.0221
199.3333	-0.0216	0.0351	0.0015	0.0366
199.3667	-0.0213	0.0351	0.0002	0.0353
199.4	-0.0216	0.0088	0.0015	0.0103
199.4333	-0.0226	0.0219	0.0002	0.0221
199.4667	-0.0226	0.0351	0.0015	0.0366
199.5	-0.0196	0.0219	0.0002	0.0221
199.5333	-0.019	0.0219	0.0015	0.0235
199.5667	-0.0216	0.0219	0.0015	0.0235
199.6	-0.0186	0.0219	0.0015	0.0235
199.6333	-0.0196	0.0351	0.0002	0.0353
199.6667	-0.02	0.0219	0.0028	0.0248
199.7	-0.0216	0.0219	0.0002	0.0221
199.7333	-0.0216	0.0088	0.0015	0.0103
199.7667	-0.0232	0.0219	0.0002	0.0221
199.8	-0.019	0.0219	0.0015	0.0235
199.8333	-0.0196	0.0351	0.0042	0.0392
199.8667	-0.0196	0.0219	0.0002	0.0221
199.9	-0.0213	0.0219	0.0015	0.0235
199.9333	-0.0226	0.0088	0.0015	0.0103
199.9667	-0.0213	0.0219	0.0015	0.0235
200	-0.0219	0.0088	0.0015	0.0103
200.0333	-0.0196	0.0088	0.0015	0.0103
200.0667	-0.0193	0.0219	0.0002	0.0221
200.1	-0.0193	0.0088	0.0015	0.0103
200.1333	-0.02	0.0219	0.0042	0.0261
200.1667	-0.0193	0.0219	0.0002	0.0221
200.2	-0.0226	0.0351	0.0028	0.0379
200.2333	-0.0203	0.0088	0.0002	0.009
200.2667	-0.0196	0.0219	0.0015	0.0235
200.3	-0.0226	0.0088	0.0002	0.009
200.3333	-0.0196	0.0219	0.0002	0.0221
200.3667	-0.0206	0.0219	0.0002	0.0221
200.4	-0.0209	0.0219	0.0002	0.0221
200.4333	-0.0209	0.0088	0.0028	0.0116
200.4667	-0.019	0.0219	0.0015	0.0235
200.5	-0.0193	0.0219	0.0015	0.0235
200.5333	-0.0203	0	0.0015	0.0015
200.5667	-0.0213	0.0219	0.0015	0.0235
200.6	-0.0206	0.0219	0.0015	0.0235
200.6333	-0.0183	0.0088	0.0015	0.0103

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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
200.6667	-0.0226	0.0088	0.0028	0.0116
200.7	-0.0186	0	0.0015	0.0015
200.7333	-0.0223	0.0219	0.0002	0.0221
200.7667	-0.0226	0.0219	0.0028	0.0248
200.8	-0.0213	0.0219	0.0002	0.0221
200.8333	-0.0216	0.0219	0.0015	0.0235
200.8667	-0.0206	0.0219	0.0002	0.0221
200.9	-0.0186	0.0088	0.0015	0.0103
200.9333	-0.0196	0.0088	0.0002	0.009
200.9667	-0.019	0.0351	0.0015	0.0366
201	-0.0209	0.0088	0.0015	0.0103
201.0333	-0.0236	0.0088	0.0015	0.0103
201.0667	-0.0223	0.0088	0.0015	0.0103
201.1	-0.0193	0.0351	0.0015	0.0366
201.1333	-0.0213	0.0351	0.0015	0.0366
201.1667	-0.0213	0.0219	0.0015	0.0235
201.2	-0.0236	0.0219	0.0015	0.0235
201.2333	-0.0223	0.0088	0.0015	0.0103
201.2667	-0.019	0.0088	0.0015	0.0103
201.3	-0.0193	0.0088	0.0002	0.009
201.3333	-0.0196	0.0088	0.0002	0.009
201.3667	-0.0219	0.0219	0.0002	0.0221
201.4	-0.0226	0.0351	0.0015	0.0366
201.4333	-0.0203	0.0088	0.0015	0.0103
201.4667	-0.0213	0.0351	0.0015	0.0366
201.5	-0.0209	0.0351	0.0015	0.0366
201.5333	-0.0196	0.0219	0.0015	0.0235
201.5667	-0.0206	0.0351	0.0015	0.0366
201.6	-0.0167	0.0219	0.0015	0.0235
201.6333	-0.0219	0.0219	0.0015	0.0235
201.6667	-0.0206	0.0219	0.0015	0.0235
201.7	-0.02	0.0219	0.0015	0.0235
201.7333	-0.0223	0.0088	0.0002	0.009
201.7667	-0.0193	0.0088	0.0015	0.0103
201.8	-0.0223	0.0219	0.0015	0.0235
201.8333	-0.0219	0.0219	0.0015	0.0235
201.8667	-0.0183	0.0219	0.0002	0.0221
201.9	-0.0216	0.0219	0	0.0219
201.9333	-0.0206	0.0088	0.0015	0.0103
201.9667	-0.0213	0.0219	0	0.0219
202	-0.0186	0.0351	0.0002	0.0353
202.0333	-0.0193	0.0219	0.0002	0.0221
202.0667	-0.019	0.0088	0.0028	0.0116

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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
202.1	-0.019	0.0351	0.0015	0.0366
202.1333	-0.0216	0.0219	0.0015	0.0235
202.1667	-0.0232	0.0088	0.0028	0.0116
202.2	-0.0203	0.0351	0.0015	0.0366
202.2333	-0.02	0.0219	0.0028	0.0248
202.2667	-0.0183	0.0219	0.0015	0.0235
202.3	-0.0209	0.0219	0.0028	0.0248
202.3333	-0.018	0.0088	0.0002	0.009
202.3667	-0.018	0.0219	0.0002	0.0221
202.4	-0.0223	0.0219	0.0015	0.0235
202.4333	-0.0186	0.0088	0.0002	0.009
202.4667	-0.0216	0.0088	0.0002	0.009
202.5	-0.0203	0.0482	0.0002	0.0484
202.5333	-0.0193	0.0219	0.0002	0.0221
202.5667	-0.0206	0.0219	0.0015	0.0235
202.6	-0.019	0.0219	0.0028	0.0248
202.6333	-0.0216	0.0088	0.0015	0.0103
202.6667	-0.0216	0.0219	0.0015	0.0235
202.7	-0.0203	0.0219	0.0015	0.0235
202.7333	-0.0186	0.0219	0.0015	0.0235
202.7667	-0.019	0.0219	0.0002	0.0221
202.8	-0.0226	0.0482	0.0015	0.0497
202.8333	-0.0183	0.0219	0.0015	0.0235
202.8667	-0.0209	0	0.0015	0.0015
202.9	-0.0219	0.0219	0.0002	0.0221
202.9333	-0.0186	0.0351	0.0015	0.0366
202.9667	-0.0213	0.0351	0.0002	0.0353
203	-0.0206	0.0351	0.0015	0.0366
203.0333	-0.019	0.0219	0.0028	0.0248
203.0667	-0.0183	0.0219	0.0002	0.0221
203.1	-0.0196	0.0219	0.0028	0.0248
203.1333	-0.0203	0.0088	0.0015	0.0103
203.1667	-0.0193	0.0088	0.0028	0.0116
203.2	-0.0196	0.0219	0.0002	0.0221
203.2333	-0.0183	0.0088	0.0015	0.0103
203.2667	-0.02	0	0.0002	0.0002
203.3	-0.0209	0.0351	0.0028	0.0379
203.3333	-0.0223	0.0219	0.0002	0.0221
203.3667	-0.0186	0.0088	0.0015	0.0103
203.4	-0.0203	0.0219	0.0015	0.0235
203.4333	-0.017	0.0088	0.0015	0.0103
203.4667	-0.019	0.0088	0.0028	0.0116
203.5	-0.0219	0.0219	0.0015	0.0235

AREVA NP, Inc.

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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
203.5333	-0.0196	0.0088	0	0.0088
203.5667	-0.0219	0.0219	0.0015	0.0235
203.6	-0.0226	0.0088	0.0015	0.0103
203.6333	-0.019	0.0351	0	0.0351
203.6667	-0.0196	0.0088	0.0015	0.0103
203.7	-0.0203	0.0088	0.0002	0.009
203.7333	-0.0209	0.0219	0.0015	0.0235
203.7667	-0.0216	0.0351	0.0015	0.0366
203.8	-0.0186	0.0219	0.0015	0.0235
203.8333	-0.0203	0.0219	0.0015	0.0235
203.8667	-0.0183	0.0219	0.0015	0.0235
203.9	-0.0223	0	0.0015	0.0015
203.9333	-0.02	0.0219	0.0002	0.0221
203.9667	-0.02	0.0351	0.0002	0.0353
204	-0.019	0.0482	0.0002	0.0484
204.0333	-0.0206	0.0351	0.0002	0.0353
204.0667	-0.0193	0.0219	0.0015	0.0235
204.1	-0.0232	0.0351	0.0015	0.0366
204.1333	-0.0206	0.0088	0.0002	0.009
204.1667	-0.0213	0.0219	0.0028	0.0248
204.2	-0.0216	0.0219	0	0.0219
204.2333	-0.0216	0.0088	0.0002	0.009
204.2667	-0.0193	0.0219	0.0002	0.0221
204.3	-0.0236	0.0088	0.0002	0.009
204.3333	-0.02	0.0219	0.0015	0.0235
204.3667	-0.0209	0.0482	0.0015	0.0497
204.4	-0.0229	0.0482	0.0002	0.0484
204.4333	-0.0203	0.0088	0.0002	0.009
204.4667	-0.0213	0.0219	0.0015	0.0235
204.5	-0.02	0.0088	0	0.0088
204.5333	-0.0209	0.0088	0.0002	0.009
204.5667	-0.0193	0.0088	0.0015	0.0103
204.6	-0.0196	0.0219	0	0.0219
204.6333	-0.0203	0.0088	0.0015	0.0103
204.6667	-0.0213	0.0351	0.0015	0.0366
204.7	-0.0209	0.0219	0.0015	0.0235
204.7333	-0.0209	0.0219	0.0002	0.0221
204.7667	-0.0209	0.0219	0.0015	0.0235
204.8	-0.0203	0.0219	0.0002	0.0221
204.8333	-0.019	0.0219	0.0015	0.0235
204.8667	-0.0186	0.0088	0.0002	0.009
204.9	-0.0216	0.0219	0.0002	0.0221
204.9333	-0.0206	0.0351	0.0015	0.0366

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July 30, 2013

Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
204.9667	-0.0193	0.0088	0.0028	0.0116
205	-0.0193	0.0088	0.0002	0.009
205.0333	-0.02	0.0088	0.0002	0.009
205.0667	-0.0203	0.0219	0.0028	0.0248
205.1	-0.0206	0.0219	0.0015	0.0235
205.1333	-0.0186	0	0.0015	0.0015
205.1667	-0.0216	0.0219	0.0002	0.0221
205.2	-0.0216	0.0219	0.0002	0.0221
205.2333	-0.0196	0.0219	0.0015	0.0235
205.2667	-0.0206	0.0351	0.0015	0.0366
205.3	-0.019	0.0219	0.0015	0.0235
205.3333	-0.0219	0.0219	0.0028	0.0248
205.3667	-0.0216	0.0219	0.0015	0.0235
205.4	-0.02	0.0219	0.0015	0.0235
205.4333	-0.0193	0.0088	0.0015	0.0103
205.4667	-0.0223	0.0219	0.0015	0.0235
205.5	-0.0206	0.0088	0.0015	0.0103
205.5333	-0.0219	0.0219	0.0002	0.0221
205.5667	-0.0229	0.0088	0.0015	0.0103
205.6	-0.0219	0.0219	0.0015	0.0235
205.6333	-0.0196	0.0351	0.0002	0.0353
205.6667	-0.0216	0.0351	0.0028	0.0379
205.7	-0.0203	0.0351	0.0015	0.0366
205.7333	-0.0203	0.0351	0.0015	0.0366
205.7667	-0.0209	0.0219	0.0028	0.0248
205.8	-0.0183	0.0219	0.0015	0.0235
205.8333	-0.0206	0.0088	0.0028	0.0116
205.8667	-0.0209	0.0088	0.0002	0.009
205.9	-0.019	0.0088	0.0015	0.0103
205.9333	-0.02	0.0088	0.0002	0.009
205.9667	-0.0186	0	0.0015	0.0015
206	-0.02	0.0219	0.0015	0.0235
206.0333	-0.0226	0.0351	0.0015	0.0366
206.0667	-0.0223	0.0219	0.0015	0.0235
206.1	-0.0209	0.0088	0.0002	0.009
206.1333	-0.02	0.0351	0.0015	0.0366
206.1667	-0.0196	0.0219	0.0002	0.0221
206.2	-0.0216	0.0088	0.0002	0.009
206.2333	-0.0213	0	0.0015	0.0015
206.2667	-0.0219	0.0219	0.0015	0.0235
206.3	-0.0223	0.0219	0.0015	0.0235
206.3333	-0.02	0.0088	0.0002	0.009
206.3667	-0.02	0.0219	0.0002	0.0221



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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
206.4	-0.0219	0.0219	0.0015	0.0235
206.4333	-0.0196	0.0219	0.0028	0.0248
206.4667	-0.0203	0.0219	0.0002	0.0221
206.5	-0.0206	0.0351	0.0015	0.0366
206.5333	-0.0183	0.0219	0.0015	0.0235
206.5667	-0.0176	0	0.0015	0.0015
206.6	-0.02	0.0219	0.0002	0.0221
206.6333	-0.0219	0.0219	0.0015	0.0235
206.6667	-0.0223	0.0088	0.0002	0.009
206.7	-0.0229	0.0088	0.0002	0.009
206.7333	-0.0209	0.0219	0.0002	0.0221
206.7667	-0.0193	0.0351	0.0015	0.0366
206.8	-0.0216	0.0219	0.0015	0.0235
206.8333	-0.0239	0.0088	0.0015	0.0103
206.8667	-0.0206	0.0351	0.0002	0.0353
206.9	-0.02	0.0088	0.0015	0.0103
206.9333	-0.0206	0.0219	0.0015	0.0235
206.9667	-0.0196	0.0219	0.0015	0.0235
207	-0.0229	0.0088	0.0015	0.0103
207.0333	-0.0203	0.0088	0.0015	0.0103
207.0667	-0.0206	0.0088	0.0015	0.0103
207.1	-0.0203	0.0351	0.0015	0.0366
207.1333	-0.0232	0.0219	0.0002	0.0221
207.1667	-0.0216	0.0219	0.0002	0.0221
207.2	-0.0219	0.0088	0.0028	0.0116
207.2333	-0.0209	0.0351	0	0.0351
207.2667	-0.0193	0.0088	0.0015	0.0103
207.3	-0.0193	0	0.0015	0.0015
207.3333	-0.0213	0.0219	0	0.0219
207.3667	-0.0209	0.0088	0.0002	0.009
207.4	-0.018	0.0219	0.0002	0.0221
207.4333	-0.0232	0.0088	0.0015	0.0103
207.4667	-0.018	0.0219	0.0015	0.0235
207.5	-0.0229	0.0088	0.0002	0.009
207.5333	-0.0173	0.0219	0.0002	0.0221
207.5667	-0.0223	0.0088	0.0002	0.009
207.6	-0.0193	0.0088	0.0028	0.0116
207.6333	-0.0223	0.0219	0.0002	0.0221
207.6667	-0.0203	0.0219	0.0015	0.0235
207.7	-0.0186	0.0219	0.0028	0.0248
207.7333	-0.02	0.0219	0.0015	0.0235
207.7667	-0.0206	0.0351	0.0002	0.0353
207.8	-0.0223	0.0088	0	0.0088



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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
207.8333	-0.018	0.0088	0.0015	0.0103
207.8667	-0.0216	0.0351	0.0028	0.0379
207.9	-0.0196	0.0219	0.0028	0.0248
207.9333	-0.0206	0.0088	0.0015	0.0103
207.9667	-0.0219	0.0219	0.0002	0.0221
208	-0.02	0.0351	0.0015	0.0366
208.0333	-0.0216	0.0219	0.0015	0.0235
208.0667	-0.0213	0.0219	0.0002	0.0221
208.1	-0.0193	0.0351	0	0.0351
208.1333	-0.0203	0.0351	0.0002	0.0353
208.1667	-0.0226	0	0.0002	0.0002
208.2	-0.0213	0.0351	0.0015	0.0366
208.2333	-0.0236	0.0219	0.0015	0.0235
208.2667	-0.0226	0.0088	0.0002	0.009
208.3	-0.02	0.0088	0.0015	0.0103
208.3333	-0.02	0.0351	0.0015	0.0366
208.3667	-0.0183	0.0219	0.0002	0.0221
208.4	-0.02	0.0219	0.0002	0.0221
208.4333	-0.0213	0.0482	0.0028	0.0511
208.4667	-0.0223	0.0351	0	0.0351
208.5	-0.0186	0.0219	0.0015	0.0235
208.5333	-0.0209	0.0351	0.0015	0.0366
208.5667	-0.0226	0.0088	0	0.0088
208.6	-0.0216	0.0351	0.0002	0.0353
208.6333	-0.019	0.0219	0.0002	0.0221
208.6667	-0.0206	0.0219	0.0002	0.0221
208.7	-0.0206	0.0219	0.0015	0.0235
208.7333	-0.0236	0.0351	0.0002	0.0353
208.7667	-0.0223	0.0088	0.0015	0.0103
208.8	-0.0219	0.0088	0.0002	0.009
208.8333	-0.018	0.0219	0.0002	0.0221
208.8667	-0.018	0.0219	0.0002	0.0221
208.9	-0.0206	0.0219	0.0015	0.0235
208.9333	-0.0209	0.0351	0.0015	0.0366
208.9667	-0.0206	0.0219	0.0002	0.0221
209	-0.0226	0.0088	0.0002	0.009
209.0333	-0.0193	0.0088	0.0028	0.0116
209.0667	-0.0209	0.0088	0.0015	0.0103
209.1	-0.0203	0.0088	0.0015	0.0103
209.1333	-0.02	0.0219	0.0015	0.0235
209.1667	-0.0203	0.0219	0.0015	0.0235
209.2	-0.0196	0.0219	0.0002	0.0221
209.2333	-0.0196	0.0219	0.0002	0.0221

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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
209.2667	-0.0186	0.0088	0.0015	0.0103
209.3	-0.0193	0.0219	0.0015	0.0235
209.3333	-0.0203	0.0219	0.0002	0.0221
209.3667	-0.0183	0.0219	0.0015	0.0235
209.4	-0.018	0.0088	0.0015	0.0103
209.4333	-0.0213	0.0088	0.0002	0.009
209.4667	-0.019	0.0219	0.0015	0.0235
209.5	-0.02	0.0088	0.0015	0.0103
209.5333	-0.0193	0.0219	0.0015	0.0235
209.5667	-0.0186	0.0219	0.0002	0.0221
209.6	-0.019	0.0219	0.0028	0.0248
209.6333	-0.0206	0.0219	0.0015	0.0235
209.6667	-0.0048	0.0219	0.0015	0.0235
209.7	-0.0216	0.0088	0.0015	0.0103
209.7333	-0.0186	0.0219	0.0015	0.0235
209.7667	-0.0206	0	0.0015	0.0015
209.8	-0.0203	0.0088	0.0002	0.009
209.8333	-0.0209	0.0219	0.0015	0.0235
209.8667	-0.0213	0.0088	0.0028	0.0116
209.9	-0.0206	0.0088	0.0028	0.0116
209.9333	-0.0176	0.0219	0.0015	0.0235
209.9667	-0.0232	0.0219	0.0015	0.0235
210	-0.0196	0.0088	0.0015	0.0103
210.0333	-0.0223	0.0088	0.0015	0.0103
210.0667	-0.018	0.0088	0.0015	0.0103
210.1	-0.0203	0.0219	0.0002	0.0221
210.1333	-0.02	0.0351	0.0015	0.0366
210.1667	-0.017	0.0088	0.0002	0.009
210.2	-0.0176	0.0088	0.0002	0.009
210.2333	-0.0223	0.0219	0.0028	0.0248
210.2667	-0.0167	0.0219	0.0002	0.0221
210.3	-0.02	0.0088	0.0015	0.0103
210.3333	-0.0219	0.0088	0.0015	0.0103
210.3667	-0.0186	0.0088	0.0002	0.009
210.4	-0.0176	0.0219	0.0002	0.0221
210.4333	-0.018	0.0088	0.0028	0.0116
210.4667	-0.016	0.0088	0.0028	0.0116
210.5	-0.0173	0.0351	0.0015	0.0366
210.5333	-0.017	0.0088	0.0002	0.009
210.5667	-0.0213	0.0219	0.0002	0.0221
210.6	-0.02	0.0088	0.0015	0.0103
210.6333	-0.0196	0.0088	0.0002	0.009
210.6667	-0.02	0.0219	0.0015	0.0235

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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
210.7	-0.0196	0.0088	0.0028	0.0116
210.7333	-0.0203	0.0088	0.0015	0.0103
210.7667	-0.018	0.0088	0.0015	0.0103
210.8	-0.0216	0.0219	0.0002	0.0221
210.8333	-0.0186	0.0088	0.0015	0.0103
210.8667	-0.0203	0.0219	0.0028	0.0248
210.9	-0.0173	0.0351	0	0.0351
210.9333	-0.0111	0.0219	0.0028	0.0248
210.9667	0.0334	0.0219	0.0002	0.0221
211	0.0742	0	0.0002	0.0002
211.0333	0.113	0.0351	0.0015	0.0366
211.0667	0.1561	0.0351	0	0.0351
211.1	0.1933	0	0.0028	0.0028
211.1333	0.2325	0.0219	0.0015	0.0235
211.1667	0.2651	0.0219	0.0015	0.0235
211.2	0.3013	0.0088	0.0015	0.0103
211.2333	0.3349	0.0351	0.0002	0.0353
211.2667	0.3655	0.0219	0	0.0219
211.3	0.3931	0.0219	0.0015	0.0235
211.3333	0.4247	0.0219	0.0015	0.0235
211.3667	0.4553	0.0219	0.0015	0.0235
211.4	0.482	0.0219	0.0015	0.0235
211.4333	0.5123	0.0219	0.0015	0.0235
211.4667	0.5356	0.0088	0.0028	0.0116
211.5	0.5636	0.0482	0.0002	0.0484
211.5333	0.5883	0.0219	0.0002	0.0221
211.5667	0.6156	0.0219	0.0015	0.0235
211.6	0.6403	0.0088	0.0015	0.0103
211.6333	0.6604	0.0351	0.0002	0.0353
211.6667	0.6818	0.0219	0.0002	0.0221
211.7	0.7068	0.0088	0.0015	0.0103
211.7333	0.7305	0.0088	0.0002	0.009
211.7667	0.7463	0.0219	0.0015	0.0235
211.8	0.7693	0.0219	0.0015	0.0235
211.8333	0.7884	0.0351	0.0015	0.0366
211.8667	0.8062	0.0219	0.0015	0.0235
211.9	0.8266	0.0219	0.0015	0.0235
211.9333	0.8414	0.0219	0.0015	0.0235
211.9667	0.8615	0.0351	0.0002	0.0353
212	0.8812	0.0219	0.0015	0.0235
212.0333	0.8947	0.0351	0.0002	0.0353
212.0667	0.9095	0.0219	0.0002	0.0221
212.1	0.9273	0.0088	0.0002	0.009

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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
212.1333	0.9438	0.0088	0.0028	0.0116
212.1667	0.9592	0.0088	0.0015	0.0103
212.2	0.9724	0.0088	0.0002	0.009
212.2333	0.9875	0.0482	0.0015	0.0497
212.2667	1.0004	0.0088	0.8208	0.8295
212.3	1.0148	0.0219	0.8076	0.8295
212.3333	1.028	0.0219	0.805	0.8269
212.3667	1.0389	0.0219	0.7984	0.8203
212.4	1.0537	0.0219	0.7931	0.8151
212.4333	1.0652	0.0219	0.7839	0.8059
212.4667	1.0774	0.0088	0.7787	0.7874
212.5	1.0912	0.0219	0.7721	0.794
212.5333	1.1034	0.0088	0.7655	0.7743
212.5667	1.1103	0.0219	0.755	0.7769
212.6	1.1254	0.0351	0.7511	0.7861
212.6333	1.1337	0.0088	0.7405	0.7493
212.6667	1.1449	0.0088	0.7366	0.7454
212.7	1.1524	0.0088	0.7261	0.7349
212.7333	1.1639	0.0088	0.73	0.7388
212.7667	1.1712	0.0351	0.7182	0.7533
212.8	1.1804	0.0088	0.7116	0.7204
212.8333	1.187	0.0351	0.6998	0.7349
212.8667	1.1972	0.0219	0.6932	0.7151
212.9	1.2077	0.0088	0.6853	0.6941
212.9333	1.213	0.0219	0.6761	0.698
212.9667	1.2176	0.0219	0.6682	0.6901
213	1.2278	0.0219	0.6643	0.6862
213.0333	1.2357	0.0219	0.6643	0.6862
213.0667	1.2423	0.0088	0.6564	0.6652
213.1	1.2508	0.0219	0.6538	0.6757
213.1333	1.2561	0.0351	0.6446	0.6796
213.1667	1.2633	0.0088	0.6432	0.652
213.2	1.267	0.0088	0.6314	0.6402
213.2333	1.2712	0.0351	0.6288	0.6638
213.2667	1.2795	0.0219	0.6156	0.6375
213.3	1.2844	0.0219	0.6143	0.6362
213.3333	1.29	0.0219	0.6091	0.631
213.3667	1.2969	0.0219	0.5972	0.6191
213.4	1.3005	0.0351	0.588	0.6231
213.4333	1.3035	0.0219	0.5788	0.6007
213.4667	1.3137	0.0351	0.5683	0.6034
213.5	1.3127	0.0219	0.5591	0.581
213.5333	1.3183	0.0219	0.5525	0.5744

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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
213.5667	1.3259	0	0.5486	0.5486
213.6	1.3275	0	0.5459	0.5459
213.6333	1.3328	0.0219	0.5446	0.5665
213.6667	1.3328	0.0219	0.5328	0.5547
213.7	1.34	0.0219	0.5354	0.5573
213.7333	1.3407	0.0088	0.5302	0.5389
213.7667	1.3456	0.0088	0.5262	0.535
213.8	1.3486	0.0088	0.5209	0.5297
213.8333	1.3552	0.0219	0.5196	0.5415
213.8667	1.3585	0.0351	0.5183	0.5534
213.9	1.3588	0.0219	0.5117	0.5337
213.9333	1.3641	0.0088	0.5131	0.5218
213.9667	1.3657	0.0351	0.5104	0.5455
214	1.366	0.0219	0.4946	0.5166
214.0333	1.3752	0.0351	0.4907	0.5258
214.0667	1.3818	0.0482	0.4999	0.5481
214.1	1.393	0.0088	0.5012	0.51
214.1333	1.4016	0.0088	0.5104	0.5192
214.1667	1.4114	0.0219	0.5131	0.535
214.2	1.4164	0.0219	0.5183	0.5402
214.2333	1.4282	0.0351	0.5262	0.5613
214.2667	1.4315	0.0351	0.5157	0.5508
214.3	1.4427	0.0219	0.5223	0.5442
214.3333	1.447	0.0219	0.5196	0.5415
214.3667	1.4546	0.0088	0.5275	0.5363
214.4	1.4611	0.0088	0.5236	0.5323
214.4333	1.4717	0.0088	0.5249	0.5337
214.4667	1.473	0.0482	0.5209	0.5692
214.5	1.4809	0.0351	0.5236	0.5586
214.5333	1.4855	0.0088	0.5236	0.5323
214.5667	1.4921	0.0219	0.5144	0.5363
214.6	1.496	0.0351	0.5144	0.5494
214.6333	1.5043	0.0219	0.5104	0.5323
214.6667	1.5059	0.0088	0.5039	0.5126
214.7	1.5128	0.0219	0.5091	0.531
214.7333	1.5151	0.0219	0.5065	0.5284
214.7667	1.5217	0.0219	0.5104	0.5323
214.8	1.525	0.0219	0.5078	0.5297
214.8333	1.529	0.0088	0.5078	0.5166
214.8667	1.5349	0.0088	0.5039	0.5126
214.9	1.5372	0.0088	0.5052	0.5139
214.9333	1.5415	0.0219	0.5078	0.5297
214.9667	1.5454	0.0088	0.5025	0.5113

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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
215	1.5477	0.0351	0.5091	0.5442
215.0333	1.5507	0.0088	0.5039	0.5126
215.0667	1.5533	0.0219	0.5065	0.5284
215.1	1.5579	0.0219	0.5039	0.5258
215.1333	1.5612	0.0219	0.5065	0.5284
215.1667	1.5589	0.0219	0.5025	0.5245
215.2	1.5638	0.0351	0.5052	0.5402
215.2333	1.5688	0.0088	0.5025	0.5113
215.2667	1.5688	0.0219	0.4973	0.5192
215.3	1.5711	0.0088	0.4986	0.5074
215.3333	1.5744	0.0219	0.4933	0.5153
215.3667	1.5767	0.0219	0.4933	0.5153
215.4	1.5796	0	0.4894	0.4894
215.4333	1.5826	0.0088	0.4881	0.4968
215.4667	1.5836	0.0351	0.4854	0.5205
215.5	1.5842	0.0088	0.4907	0.4995
215.5333	1.5859	0.0219	0.4789	0.5008
215.5667	1.5892	0.0088	0.4802	0.489
215.6	1.5921	0.0088	0.4828	0.4916
215.6333	1.5944	0.0088	0.4749	0.4837
215.6667	1.5912	0.0219	0.4776	0.4995
215.7	1.5921	0.0219	0.4723	0.4942
215.7333	1.5977	0.0351	0.4749	0.51
215.7667	1.5958	0	0.4697	0.4697
215.8	1.5984	0.0219	0.4657	0.4876
215.8333	1.6017	0.0219	0.4723	0.4942
215.8667	1.605	0.0088	0.4683	0.4771
215.9	1.606	0.0088	0.4644	0.4732
215.9333	1.606	0.0219	0.4657	0.4876
215.9667	1.6076	0.0219	0.4644	0.4863
216	1.6076	0.0351	0.4591	0.4942
216.0333	1.6063	0.0219	0.467	0.489
216.0667	1.6142	0.0351	0.4657	0.5008
216.1	1.6089	0.0219	0.4697	0.4916
216.1333	1.6102	0.0351	0.4591	0.4942
216.1667	1.6112	0.0351	0.4552	0.4903
216.2	1.6155	0.0219	0.4552	0.4771
216.2333	1.6129	0.0219	0.4552	0.4771
216.2667	1.6175	0.0088	0.4565	0.4653
216.3	1.6162	0.0088	0.4552	0.464
216.3333	1.6165	0.0088	0.4565	0.4653
216.3667	1.6165	0.0088	0.4486	0.4574
216.4	1.6178	0.0482	0.4578	0.506



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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
216.4333	1.6198	0.0088	0.4473	0.4561
216.4667	1.6214	0.0351	0.4565	0.4916
216.5	1.6208	0.0219	0.4526	0.4745
216.5333	1.6221	0.0219	0.4421	0.464
216.5667	1.6211	0.0351	0.4513	0.4863
216.6	1.6228	0.0088	0.4499	0.4587
216.6333	1.6231	0.0088	0.4447	0.4534
216.6667	1.6247	0.0088	0.4381	0.4469
216.7	1.6218	0.0088	0.4381	0.4469
216.7333	1.6287	0.0088	0.4368	0.4456
216.7667	1.6382	0.0482	0.4421	0.4903
216.8	1.6441	0.0219	0.4499	0.4719
216.8333	1.654	0.0351	0.4539	0.489
216.8667	1.6593	0.0219	0.4605	0.4824
216.9	1.6698	0.0219	0.467	0.489
216.9333	1.6751	0.0219	0.4657	0.4876
216.9667	1.6797	0.0088	0.4749	0.4837
217	1.6892	0.0219	0.4776	0.4995
217.0333	1.6945	0.0351	0.4881	0.5231
217.0667	1.6985	0.0088	0.5012	0.51
217.1	1.706	0.0219	0.5012	0.5231
217.1333	1.7116	0.0482	0.5052	0.5534
217.1667	1.7136	0.0351	0.5131	0.5481
217.2	1.7175	0	0.5275	0.5275
217.2333	1.7231	0.0088	0.5341	0.5429
217.2667	1.7281	0.0088	0.5341	0.5429
217.3	1.7297	0.0219	0.5446	0.5665
217.3333	1.7363	0.0219	0.5459	0.5678
217.3667	1.738	0.0219	0.5565	0.5784
217.4	1.7393	0.0088	0.5565	0.5652
217.4333	1.7455	0.0219	0.5565	0.5784
217.4667	1.7482	0.0351	0.5551	0.5902
217.5	1.7531	0.0088	0.5486	0.5573
217.5333	1.7557	0.0351	0.5472	0.5823
217.5667	1.758	0.0219	0.5486	0.5705
217.6	1.7597	0.0351	0.5499	0.5849
217.6333	1.7607	0.0219	0.5446	0.5665
217.6667	1.7653	0.0351	0.5407	0.5757
217.7	1.7656	0.0219	0.5407	0.5626
217.7333	1.7686	0.0219	0.542	0.5639
217.7667	1.7702	0.0482	0.5433	0.5915
217.8	1.7728	0.0219	0.5459	0.5678
217.8333	1.7748	0.0219	0.542	0.5639

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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
217.8667	1.7765	0.0219	0.5407	0.5626
217.9	1.7768	0.0351	0.5446	0.5797
217.9333	1.7781	0.0351	0.5512	0.5863
217.9667	1.7821	0.0088	0.5472	0.556
218	1.7834	0.0219	0.5538	0.5757
218.0333	1.785	0.0219	0.5551	0.5771
218.0667	1.784	0.0351	0.5525	0.5876
218.1	1.7847	0.0088	0.5525	0.5613
218.1333	1.7873	0.0219	0.5499	0.5718
218.1667	1.79	0.0219	0.5512	0.5731
218.2	1.7909	0.0351	0.5499	0.5849
218.2333	1.7913	0.0351	0.5538	0.5889
218.2667	1.7913	0.0219	0.5538	0.5757
218.3	1.7946	0.0351	0.5512	0.5863
218.3333	1.7906	0.0219	0.5499	0.5718
218.3667	1.7936	0.0482	0.5486	0.5968
218.4	1.7952	0.0088	0.5459	0.5547
218.4333	1.7985	0.0351	0.5354	0.5705
218.4667	1.7982	0.0351	0.5315	0.5665
218.5	1.8008	0.0482	0.5315	0.5797
218.5333	1.7992	0.0219	0.5275	0.5494
218.5667	1.7985	0.0219	0.5275	0.5494
218.6	1.8008	0.0219	0.5328	0.5547
218.6333	1.8002	0.0351	0.5341	0.5692
218.6667	1.8021	0.0351	0.538	0.5731
218.7	1.8028	0.0219	0.5328	0.5547
218.7333	1.8031	0.0219	0.542	0.5639
218.7667	1.8025	0.0351	0.5394	0.5744
218.8	1.8031	0.0219	0.542	0.5639
218.8333	1.8084	0.0088	0.5472	0.556
218.8667	1.8133	0.0351	0.5486	0.5836
218.9	1.8196	0.0219	0.5538	0.5757
218.9333	1.8225	0.0219	0.5538	0.5757
218.9667	1.8281	0.0219	0.5617	0.5836
219	1.8321	0.0088	0.567	0.5757
219.0333	1.8403	0.0088	0.567	0.5757
219.0667	1.8429	0.0351	0.5657	0.6007
219.1	1.8479	0.0351	0.5775	0.6126
219.1333	1.8528	0.0219	0.5788	0.6007
219.1667	1.8538	0.0088	0.5801	0.5889
219.2	1.8545	0.0219	0.5893	0.6112
219.2333	1.8604	0.0088	0.5933	0.602
219.2667	1.864	0.0351	0.592	0.627

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219.3	1.865	0.0219	0.6104	0.6323
219.3333	1.8683	0.0351	0.6077	0.6428
219.3667	1.8739	0.0219	0.613	0.6349
219.4	1.8736	0.0088	0.6117	0.6204
219.4333	1.8775	0.0088	0.6091	0.6178
219.4667	1.8801	0.0351	0.6077	0.6428
219.5	1.8818	0.0351	0.613	0.6481
219.5333	1.8847	0.0351	0.6064	0.6415
219.5667	1.8811	0.0219	0.6025	0.6244
219.6	1.887	0.0088	0.6051	0.6139
219.6333	1.8877	0.0219	0.6117	0.6336
219.6667	1.8874	0.0351	0.613	0.6481
219.7	1.89	0.0351	0.613	0.6481
219.7333	1.892	0.0219	0.6196	0.6415
219.7667	1.8943	0.0219	0.6248	0.6467
219.8	1.8956	0.0219	0.6275	0.6494
219.8333	1.8979	0.0088	0.6354	0.6441
219.8667	1.8953	0.0088	0.6354	0.6441
219.9	1.8979	0.0219	0.634	0.656
219.9333	1.8982	0.0351	0.6301	0.6652
219.9667	1.9005	0.0219	0.6314	0.6533
220	1.8996	0.0088	0.6314	0.6402
220.0333	1.9005	0.0351	0.6393	0.6744
220.0667	1.9009	0.0351	0.6261	0.6612
220.1	1.9038	0.0219	0.6222	0.6441
220.1333	1.9035	0.0351	0.6196	0.6546
220.1667	1.9055	0.0219	0.6235	0.6454
220.2	1.9042	0.0219	0.6261	0.6481
220.2333	1.9042	0.0088	0.6288	0.6375
220.2667	1.9038	0.0219	0.6314	0.6533
220.3	1.9015	0.0219	0.6314	0.6533
220.3333	1.9052	0.0088	0.6354	0.6441
220.3667	1.9015	0.0219	0.6354	0.6573
220.4	1.9042	0.0351	0.6354	0.6704
220.4333	1.9075	0.0219	0.6314	0.6533
220.4667	1.9015	0.0351	0.634	0.6691
220.5	1.9045	0.0088	0.6301	0.6389
220.5333	1.9038	0.0088	0.6288	0.6375
220.5667	1.9048	0.0088	0.6314	0.6402
220.6	1.9055	0.0351	0.638	0.673
220.6333	1.9032	0.0351	0.638	0.673
220.6667	1.9022	0.0219	0.6367	0.6586
220.7	1.9048	0.0219	0.638	0.6599

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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
220.7333	1.9032	0.0088	0.638	0.6467
220.7667	1.9025	0.0351	0.6446	0.6796
220.8	1.9019	0.0219	0.6485	0.6704
220.8333	1.9045	0.0219	0.6406	0.6625
220.8667	1.9012	0.0482	0.6419	0.6901
220.9	1.9055	0.0088	0.6314	0.6402
220.9333	1.9005	0.0219	0.6327	0.6546
220.9667	1.9028	0.0219	0.6314	0.6533
221	1.9052	0.0219	0.6419	0.6638
221.0333	1.9104	0.0088	0.6498	0.6586
221.0667	1.9101	0.0219	0.6459	0.6678
221.1	1.9137	0.0088	0.6485	0.6573
221.1333	1.9206	0.0088	0.6564	0.6652
221.1667	1.9203	0.0088	0.6617	0.6704
221.2	1.9226	0.0219	0.6577	0.6796
221.2333	1.9259	0.0351	0.6603	0.6954
221.2667	1.9295	0.0219	0.6643	0.6862
221.3	1.9308	0.0351	0.6682	0.7033
221.3333	1.9321	0.0219	0.6682	0.6901
221.3667	1.9381	0.0219	0.6827	0.7046
221.4	1.9361	0.0219	0.6814	0.7033
221.4333	1.9404	0.0088	0.6787	0.6875
221.4667	1.9427	0.0088	0.6748	0.6836
221.5	1.9427	0.0219	0.6801	0.702
221.5333	1.9433	0.0088	0.684	0.6928
221.5667	1.946	0.0088	0.6906	0.6993
221.6	1.946	0.0219	0.6866	0.7086
221.6333	1.9476	0.0088	0.6945	0.7033
221.6667	1.9479	0.0219	0.7037	0.7256
221.7	1.9522	0.0219	0.7037	0.7256
221.7333	1.9506	0.0088	0.7024	0.7112
221.7667	1.9509	0.0219	0.705	0.727
221.8	1.9519	0.0219	0.709	0.7309
221.8333	1.9525	0.0219	0.709	0.7309
221.8667	1.9529	0.0088	0.7077	0.7164
221.9	1.9512	0.0219	0.709	0.7309
221.9333	1.9555	0.0219	0.709	0.7309
221.9667	1.9539	0.0219	0.709	0.7309
222	1.9552	0.0219	0.7103	0.7322
222.0333	1.9548	0.0219	0.7064	0.7283
222.0667	1.9555	0.0219	0.7077	0.7296
222.1	1.9558	0.0088	0.7064	0.7151
222.1333	1.9578	0.0219	0.709	0.7309

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222.1667	1.9598	0.0351	0.7077	0.7427
222.2	1.9572	0	0.7077	0.7077
222.2333	1.9585	0.0088	0.7129	0.7217
222.2667	1.9575	0.0219	0.7169	0.7388
222.3	1.9572	0.0219	0.7129	0.7349
222.3333	1.9588	0.0219	0.7129	0.7349
222.3667	1.9618	0.0219	0.705	0.727
222.4	1.9644	0.0088	0.7195	0.7283
222.4333	1.9674	0.0219	0.7156	0.7375
222.4667	1.9743	0.0219	0.7195	0.7414
222.5	1.9772	0.0088	0.7248	0.7335
222.5333	1.9769	0.0088	0.7208	0.7296
222.5667	1.9851	0.0088	0.734	0.7427
222.6	1.9874	0.0351	0.734	0.769
222.6333	1.9888	0.0351	0.7392	0.7743
222.6667	1.992	0.0219	0.7405	0.7625
222.7	1.9957	0.0351	0.7445	0.7796
222.7333	1.9966	0.0219	0.7576	0.7796
222.7667	1.9983	0.0219	0.7629	0.7848
222.8	1.999	0.0088	0.7616	0.7704
222.8333	2.0026	0.0219	0.7668	0.7888
222.8667	1.9993	0.0219	0.7682	0.7901
222.9	2.0029	0.0088	0.7734	0.7822
222.9333	2.0039	0.0219	0.7708	0.7927
222.9667	2.0045	0.0088	0.7668	0.7756
223	2.0055	0.0219	0.7721	0.794
223.0333	2.0075	0.0088	0.7721	0.7809
223.0667	2.0039	0.0219	0.7747	0.7967
223.1	2.0072	0.0219	0.7695	0.7914
223.1333	2.0062	0.0219	0.7747	0.7967
223.1667	2.0039	0.0088	0.7708	0.7796
223.2	2.0062	0.0219	0.7747	0.7967
223.2333	2.0052	0.0088	0.7734	0.7822
223.2667	2.0049	0.0088	0.7774	0.7861
223.3	2.0045	0.0219	0.7734	0.7953
223.3333	2.0036	0.0219	0.7747	0.7967
223.3667	2.0029	0.0219	0.7761	0.798
223.4	2.0049	0.0088	0.7695	0.7782
223.4333	2.0039	0.0351	0.7695	0.8045
223.4667	2.0052	0.0219	0.7721	0.794
223.5	2.0052	0.0351	0.7721	0.8072
223.5333	2.0045	0.0219	0.7761	0.798
223.5667	2.0016	0.0351	0.7734	0.8085



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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
223.6	2.0049	0.0351	0.7721	0.8072
223.6333	2.0026	0.0219	0.7695	0.7914
223.6667	2.0036	0.0351	0.7721	0.8072
223.7	2.0036	0.0219	0.7708	0.7927
223.7333	2.0032	0.0482	0.7839	0.8322
223.7667	2.0032	0.0088	0.7813	0.7901
223.8	2.0026	0.0219	0.7839	0.8059
223.8333	2.0062	0.0219	0.7813	0.8032
223.8667	2.0055	0.0351	0.7879	0.823
223.9	2.0069	0.0219	0.7853	0.8072
223.9333	2.0052	0.0088	0.7853	0.794
223.9667	2.0042	0.0219	0.7958	0.8177
224	2.0075	0.0351	0.7945	0.8295
224.0333	2.0075	0.0219	0.7958	0.8177
224.0667	2.0082	0.0088	0.7958	0.8045
224.1	2.0128	0.0219	0.8024	0.8243
224.1333	2.0138	0.0219	0.7971	0.819
224.1667	2.0101	0.0088	0.8037	0.8124
224.2	2.0118	0.0219	0.8037	0.8256
224.2333	2.0111	0.0088	0.8037	0.8124
224.2667	2.0131	0.0351	0.8116	0.8466
224.3	2.0118	0.0219	0.8102	0.8322
224.3333	2.0141	0.0219	0.8102	0.8322
224.3667	2.0151	0	0.8142	0.8142
224.4	2.0151	0.0088	0.8102	0.819
224.4333	2.0167	0.0088	0.8142	0.823
224.4667	2.0157	0.0219	0.8155	0.8374
224.5	2.0128	0.0219	0.8194	0.8414
224.5333	2.0187	0.0088	0.8129	0.8216
224.5667	2.0164	0.0088	0.8247	0.8335
224.6	2.0164	0.0219	0.8247	0.8466
224.6333	2.0197	0.0219	0.8168	0.8387
224.6667	2.0194	0.0219	0.8234	0.8453
224.7	2.019	0.0088	0.8313	0.84
224.7333	2.021	0.0219	0.8221	0.844
224.7667	2.0197	0.0219	0.8194	0.8414
224.8	2.0187	0.0219	0.8208	0.8427
224.8333	2.019	0.0088	0.8208	0.8295
224.8667	2.0171	0.0219	0.8168	0.8387
224.9	2.02	0.0351	0.8221	0.8571
224.9333	2.0194	0.0219	0.8352	0.8571
224.9667	2.0167	0.0088	0.8523	0.8611
225	2.0167	0.0482	0.8589	0.9071



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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
225.0333	2.0194	0.0219	0.8589	0.8808
225.0667	2.0197	0.0219	0.851	0.8729
225.1	2.019	0.0219	0.8484	0.8703
225.1333	2.0171	0.0219	0.855	0.8769
225.1667	2.0171	0.0219	0.851	0.8729
225.2	2.0157	0.0088	0.855	0.8637
225.2333	2.0144	0.0219	0.851	0.8729
225.2667	2.0151	0.0219	0.8457	0.8677
225.3	2.0174	0	0.8431	0.8431
225.3333	2.0157	0.0219	0.8497	0.8716
225.3667	2.0171	0.0219	0.8444	0.8663
225.4	2.0141	0.0088	0.8392	0.8479
225.4333	2.0151	0.0351	0.8471	0.8821
225.4667	2.0161	0.0088	0.8405	0.8493
225.5	2.0164	0.0088	0.8418	0.8506
225.5333	2.0124	0.0088	0.8405	0.8493
225.5667	2.0167	0.0219	0.8352	0.8571
225.6	2.0115	0.0088	0.8352	0.844
225.6333	2.0138	0.0219	0.8313	0.8532
225.6667	2.0124	0.0088	0.8208	0.8295
225.7	2.0121	0.0088	0.8155	0.8243
225.7333	2.0161	0.0219	0.8221	0.844
225.7667	2.0138	0.0219	0.8208	0.8427
225.8	2.0138	0.0351	0.8155	0.8506
225.8333	2.0154	0.0219	0.8247	0.8466
225.8667	2.0118	0.0088	0.8194	0.8282
225.9	2.0118	0.0088	0.8142	0.823
225.9333	2.0085	0.0088	0.8102	0.819
225.9667	2.0105	0.0219	0.8116	0.8335
226	2.0078	0.0088	0.8102	0.819
226.0333	2.0098	0.0219	0.8076	0.8295
226.0667	2.0095	0.0088	0.8089	0.8177
226.1	2.0055	0.0351	0.8116	0.8466
226.1333	2.0075	0.0482	0.8129	0.8611
226.1667	2.0062	0.0219	0.805	0.8269
226.2	2.0095	0.0219	0.8116	0.8335
226.2333	2.0072	0.0088	0.8063	0.8151
226.2667	2.0065	0.0219	0.7997	0.8216
226.3	2.0072	0.0219	0.8037	0.8256
226.3333	2.0049	0.0219	0.8089	0.8308
226.3667	2.0055	0.0088	0.8063	0.8151
226.4	2.0062	0.0219	0.8037	0.8256
226.4333	2.0045	0.0088	0.8024	0.8111

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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
226.4667	2.0052	0.0219	0.7971	0.819
226.5	2.0045	0.0088	0.7984	0.8072
226.5333	2.0016	0.0219	0.7892	0.8111
226.5667	2.0032	0.0351	0.7879	0.823
226.6	2.0082	0.0219	0.7853	0.8072
226.6333	2.0036	0.0088	0.7839	0.7927
226.6667	2.0059	0.0219	0.7853	0.8072
226.7	2.0072	0.0219	0.7853	0.8072
226.7333	2.0036	0.0088	0.78	0.7888
226.7667	2.0013	0.0351	0.7813	0.8164
226.8	2.0029	0.0088	0.7879	0.7967
226.8333	2.0042	0.0219	0.7879	0.8098
226.8667	2.0045	0.0219	0.7774	0.7993
226.9	2.0045	0.0088	0.7774	0.7861
226.9333	2.0039	0.0219	0.7761	0.798
226.9667	2.0032	0.0219	0.7787	0.8006
227	2.0049	0.0219	0.7813	0.8032
227.0333	2.0049	0.0219	0.78	0.8019
227.0667	2.0065	0.0351	0.7734	0.8085
227.1	2.0059	0.0088	0.78	0.7888
227.1333	2.0065	0.0219	0.7734	0.7953
227.1667	2.0059	0.0219	0.7708	0.7927
227.2	2.0052	0.0088	0.7747	0.7835
227.2333	2.0059	0.0351	0.7761	0.8111
227.2667	2.0055	0.0088	0.78	0.7888
227.3	2.0055	0.0219	0.78	0.8019
227.3333	2.0042	0.0219	0.7787	0.8006
227.3667	2.0062	0.0088	0.7761	0.7848
227.4	2.0026	0.0219	0.7761	0.798
227.4333	2.0029	0.0219	0.7721	0.794
227.4667	2.0062	0.0351	0.7708	0.8059
227.5	2.0062	0.0219	0.7708	0.7927
227.5333	2.0049	0.0088	0.7708	0.7796
227.5667	2.0055	0.0219	0.7734	0.7953
227.6	2.0059	0.0088	0.7682	0.7769
227.6333	2.0045	0.0219	0.7682	0.7901
227.6667	2.0042	0.0219	0.7721	0.794
227.7	2.0062	0.0219	0.7682	0.7901
227.7333	2.0062	0.0219	0.78	0.8019
227.7667	2.0045	0	0.7721	0.7721
227.8	2.0065	0.0219	0.7761	0.798
227.8333	2.0092	0.0351	0.7774	0.8124
227.8667	2.0085	0.0088	0.7747	0.7835

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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
227.9	2.0105	0.0088	0.7774	0.7861
227.9333	2.0124	0.0351	0.7826	0.8177
227.9667	2.0111	0.0351	0.7839	0.819
228	2.0098	0.0351	0.7826	0.8177
228.0333	2.0138	0.0219	0.7787	0.8006
228.0667	2.0131	0.0088	0.7826	0.7914
228.1	2.0157	0.0088	0.78	0.7888
228.1333	2.0144	0.0351	0.7787	0.8137
228.1667	2.0141	0.0351	0.7853	0.8203
228.2	2.0134	0.0088	0.7853	0.794
228.2333	2.0138	0.0219	0.7866	0.8085
228.2667	2.0167	0.0219	0.7839	0.8059
228.3	2.0141	0.0088	0.7853	0.794
228.3333	2.0157	0.0219	0.7839	0.8059
228.3667	2.0171	0.0219	0.7866	0.8085
228.4	2.0157	0.0219	0.7826	0.8045
228.4333	2.0154	0.0219	0.7774	0.7993
228.4667	2.0164	0.0351	0.78	0.8151
228.5	2.0174	0.0088	0.7879	0.7967
228.5333	2.0141	0.0219	0.7826	0.8045
228.5667	2.0148	0.0351	0.7813	0.8164
228.6	2.0154	0.0351	0.7813	0.8164
228.6333	2.0154	0.0088	0.7813	0.7901
228.6667	2.0128	0.0088	0.7787	0.7874
228.7	2.0157	0.0351	0.7774	0.8124
228.7333	2.0154	0.0219	0.78	0.8019
228.7667	2.0157	0.0351	0.7813	0.8164
228.8	2.0141	0.0219	0.78	0.8019
228.8333	2.0164	0.0219	0.7813	0.8032
228.8667	2.0128	0	0.7826	0.7826
228.9	2.0144	0.0219	0.7761	0.798
228.9333	2.0177	0.0219	0.7708	0.7927
228.9667	2.0121	0.0219	0.7721	0.794
229	2.0144	0.0219	0.7721	0.794
229.0333	2.0138	0.0351	0.7682	0.8032
229.0667	2.0157	0.0219	0.7682	0.7901
229.1	2.0128	0.0219	0.7629	0.7848
229.1333	2.0134	0.0219	0.759	0.7809
229.1667	2.0131	0.0219	0.7642	0.7861
229.2	2.0124	0.0219	0.7668	0.7888
229.2333	2.0138	0.0088	0.7682	0.7769
229.2667	2.0157	0.0088	0.7682	0.7769
229.3	2.0138	0.0088	0.7682	0.7769

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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
229.3333	2.0134	0.0219	0.7708	0.7927
229.3667	2.0154	0.0219	0.7682	0.7901
229.4	2.0131	0.0219	0.7761	0.798
229.4333	2.0124	0.0219	0.7721	0.794
229.4667	2.0144	0.0351	0.7774	0.8124
229.5	2.0134	0.0351	0.7721	0.8072
229.5333	2.0108	0.0351	0.7668	0.8019
229.5667	2.0131	0	0.7642	0.7642
229.6	2.0101	0.0351	0.7682	0.8032
229.6333	2.0128	0.0088	0.7668	0.7756
229.6667	2.0095	0.0219	0.7721	0.794
229.7	2.0111	0.0088	0.7616	0.7704
229.7333	2.0124	0.0219	0.7603	0.7822
229.7667	2.0121	0.0219	0.7708	0.7927
229.8	1.9792	0.0351	0.7432	0.7782
229.8333	1.8907	0.0219	0.6446	0.6665
229.8667	1.7972	0.0088	0.538	0.5468
229.9	1.7156	0.0219	0.4565	0.4784
229.9333	1.6307	0.0219	0.3566	0.3785
229.9667	1.5556	0.0219	0.0002	0.0221
230	1.4786	0.0219	0.0002	0.0221
230.0333	1.4091	0.0219	0.0028	0.0248
230.0667	1.3404	0.0219	0.0028	0.0248
230.1	1.2778	0.0219	0.0002	0.0221
230.1333	1.214	0.0088	0.0002	0.009
230.1667	1.1564	0.0088	0.0028	0.0116
230.2	1.1027	0.0088	0.0015	0.0103
230.2333	1.0497	0.0219	0.0002	0.0221
230.2667	0.999	0.0482	0.0002	0.0484
230.3	0.9546	0.0088	0.0028	0.0116
230.3333	0.9079	0.0219	0.0002	0.0221
230.3667	0.8664	0.0219	0.0015	0.0235
230.4	0.8239	0.0219	0.0015	0.0235
230.4333	0.7828	0.0351	0.0015	0.0366
230.4667	0.745	0.0219	0.0028	0.0248
230.5	0.7127	0.0219	0.0015	0.0235
230.5333	0.6772	0.0219	0.0002	0.0221
230.5667	0.6475	0	0.0002	0.0002
230.6	0.612	0.0351	0.0015	0.0366
230.6333	0.583	0.0219	0.0042	0.0261
230.6667	0.5564	0.0482	0.0028	0.0511
230.7	0.5304	0.0219	0.0015	0.0235
230.7333	0.4991	0	0.0028	0.0028

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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
230.7667	0.4761	0.0219	0.0015	0.0235
230.8	0.453	0.0219	0.0015	0.0235
230.8333	0.4306	0.0219	0.0015	0.0235
230.8667	0.4112	0.0219	0.0015	0.0235
230.9	0.3895	0.0219	0.0015	0.0235
230.9333	0.3704	0.0219	0.0015	0.0235
230.9667	0.3526	0.0219	0.0028	0.0248
231	0.3345	0.0219	0.0015	0.0235
231.0333	0.3174	0.0219	0.0015	0.0235
231.0667	0.3	0.0088	0.0015	0.0103
231.1	0.2845	0.0219	0.0028	0.0248
231.1333	0.268	0.0351	0.0015	0.0366
231.1667	0.2549	0.0482	0.0015	0.0497
231.2	0.2407	0.0219	0.0002	0.0221
231.2333	0.2276	0.0088	0.0015	0.0103
231.2667	0.2134	0.0219	0.0015	0.0235
231.3	0.2042	0.0219	0.0002	0.0221
231.3333	0.1917	0.0219	0.0042	0.0261
231.3667	0.1795	0.0088	0.0015	0.0103
231.4	0.1686	0.0088	0.0015	0.0103
231.4333	0.1588	0.0088	0.0002	0.009
231.4667	0.1519	0.0088	0.0015	0.0103
231.5	0.1393	0.0088	0.0028	0.0116
231.5333	0.1298	0.0088	0.0015	0.0103
231.5667	0.1229	0.0088	0.0015	0.0103
231.6	0.1157	0.0351	0.0002	0.0353
231.6333	0.1084	0.0219	0.0028	0.0248
231.6667	0.1005	0.0088	0.0015	0.0103
231.7	0.0969	0.0088	0.0015	0.0103
231.7333	0.089	0.0219	0.0015	0.0235
231.7667	0.0847	0.0351	0.0015	0.0366
231.8	0.0778	0	0.0015	0.0015
231.8333	0.0725	0.0088	0.0002	0.009
231.8667	0.0686	0.0088	0.0015	0.0103
231.9	0.0627	0.0351	0.0002	0.0353
231.9333	0.0587	0.0351	0.0015	0.0366
231.9667	0.0548	0.0219	0.0015	0.0235
232	-0.0051	0.0351	0.0015	0.0366
232.0333	-0.0084	0.0219	0.0002	0.0221
232.0667	-0.019	0.0219	0.0028	0.0248
232.1	-0.0163	0.0219	0.0015	0.0235
232.1333	-0.0196	0.0219	0.0002	0.0221
232.1667	-0.0196	0	0.0015	0.0015



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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
232.2	-0.0196	0.0219	0.0028	0.0248
232.2333	-0.0203	0.0219	0.0015	0.0235
232.2667	-0.0183	0.0219	2.6722	2.6942
232.3	-0.0196	0.0088	2.5315	2.5403
232.3333	-0.0894	0.0088	2.4119	2.4206
232.3667	0.0087	0.0088	2.3435	2.3523
232.4	-0.0953	0.0219	2.2856	2.3076
232.4333	-0.094	0.0088	2.258	2.2668
232.4667	-0.0947	0.0088	2.2238	2.2326
232.5	-0.0914	0.0219	2.2107	2.2326
232.5333	-0.091	0.0219	2.187	2.2089
232.5667	-0.0891	0.0219	2.1581	2.18
232.6	-0.0887	0.0088	2.1397	2.1484
232.6333	-0.0901	0.0219	2.1173	2.1392
232.6667	-0.0884	0.0219	2.0871	2.109
232.7	-0.0878	0.0219	2.07	2.0919
232.7333	-0.0835	0.0219	2.0424	2.0643
232.7667	-0.0841	0.0351	2.0148	2.0498
232.8	-0.0838	0.0219	1.999	2.0209
232.8333	-0.0858	0.0219	1.9687	1.9906
232.8667	-0.0835	0.0088	1.9411	1.9499
232.9	-0.0841	0.0219	1.9227	1.9446
232.9333	-0.0802	0.0088	1.8938	1.9025
232.9667	-0.0785	0.0219	1.8649	1.8868
233	-0.0779	0.0088	1.8346	1.8434
233.0333	-0.0772	0.0219	1.807	1.8289
233.0667	-0.0601	0.0219	1.7991	1.821
233.1	-0.0074	0.0351	1.8478	1.8828
233.1333	0.0469	0.0219	1.9043	1.9262
233.1667	0.0999	0.0088	1.9464	1.9551
233.2	0.1532	0.0219	1.9871	2.0091
233.2333	0.1973	0.0219	2.0082	2.0301
233.2667	0.2493	0.0219	2.0279	2.0498
233.3	0.2977	0.0088	2.0529	2.0617
233.3333	0.3447	0.0219	2.0766	2.0985
233.3667	0.3905	0.0219	2.0976	2.1195
233.4	0.4346	0.0219	2.1015	2.1235
233.4333	0.479	0.0219	2.1121	2.134
233.4667	0.5221	0.0219	2.1108	2.1327
233.5	0.5646	0.0351	2.1173	2.1524
233.5333	0.6087	0.0219	2.1186	2.1406
233.5667	0.6502	0.0351	2.1213	2.1563
233.6	0.687	0.0351	2.116	2.1511



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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
233.6333	0.7249	0.0088	2.1068	2.1156
233.6667	0.7055	0.0219	2.0332	2.0551
233.7	0.6676	0.0219	1.9122	1.9341
233.7333	0.6307	0	1.8149	1.8149
233.7667	0.5998	8.3062	1.4559	9.7621
233.8	0.5702	7.4515	1.2323	8.6839
233.8333	0.5455	6.3601	1.0496	7.4097
233.8667	0.5198	5.5185	0.8957	6.4142
233.9	0.4919	4.7821	0.7471	5.5292
233.9333	0.4714	4.1904	0.6419	4.8323
233.9667	0.4418	3.6249	0.5367	4.1617
234	0.4217	3.1384	0.4499	3.5883
234.0333	0.3974	0.0088	0.3763	0.3851
234.0667	0.3747	0.0351	0.3224	0.3575
234.1	0.3586	0.0351	0.0015	0.0366
234.1333	0.3349	0.0088	0.0015	0.0103
234.1667	0.3171	0.0088	0.0015	0.0103
234.2	0.3	0.0219	0.0015	0.0235
234.2333	0.2766	0.0219	0.0002	0.0221
234.2667	0.2601	0.0219	0.0015	0.0235
234.3	0.245	0.0219	0.0002	0.0221
234.3333	0.2266	0.0088	0.0015	0.0103
234.3667	0.2246	0.0088	0.0015	0.0103
234.4	0.2592	0.0219	0.0015	0.0235
234.4333	0.3092	0.0219	0.0002	0.0221
234.4667	0.3622	0.0219	0.0002	0.0221
234.5	0.4119	0.0219	0.0002	0.0221
234.5333	0.4619	0	0.0015	0.0015
234.5667	0.5119	0.0088	0.0028	0.0116
234.6	0.557	0.0219	0.0015	0.0235
234.6333	0.6054	0.0088	0.0002	0.009
234.6667	0.6475	0.0088	0.8352	0.844
234.7	0.6887	0.0351	0.8799	0.915
234.7333	0.7334	0.0219	0.922	0.9439
234.7667	0.7752	0.0219	0.9654	0.9873
234.8	0.8144	0.0088	0.9996	1.0084
234.8333	0.8552	0.0088	1.0404	1.0491
234.8667	0.8954	0.0219	1.0772	1.0991
234.9	0.9342	0.0088	1.1153	1.1241
234.9333	0.9711	0.0088	1.1574	1.1662
234.9667	1.0092	0.0088	1.2034	1.2122
235	1.0402	0.0219	1.235	1.2569
235.0333	1.0751	0.0088	1.2692	1.2779

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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
235.0667	1.1113	0.0219	1.2928	1.3148
235.1	1.1472	0.0088	1.3047	1.3134
235.1333	1.1788	0.0219	1.3231	1.345
235.1667	1.2146	0.0351	1.3362	1.3713
235.2	1.2423	0.0219	1.3533	1.3752
235.2333	1.2768	0.0351	1.3638	1.3989
235.2667	1.3101	0.0351	1.3731	1.4081
235.3	1.3397	0.0219	1.3796	1.4015
235.3333	1.3729	0.0088	1.3888	1.3976
235.3667	1.4003	0.0088	1.398	1.4068
235.4	1.4309	0.0219	1.398	1.42
235.4333	1.4595	0.0219	1.3954	1.4173
235.4667	1.4855	0.0351	1.4086	1.4436
235.5	1.5187	0.0351	1.4086	1.4436
235.5333	1.5451	0.0219	1.4112	1.4331
235.5667	1.5734	0.0088	1.4138	1.4226
235.6	1.5971	0.0219	1.4046	1.4265
235.6333	1.6267	0.0088	1.4164	1.4252
235.6667	1.6497	0.0482	1.4138	1.462
235.7	1.678	0.0219	1.4217	1.4436
235.7333	1.7034	0.0219	1.4256	1.4476
235.7667	1.7314	0.0219	1.4191	1.441
235.8	1.7561	0.0351	1.4362	1.4712
235.8333	1.7761	0.0219	1.427	1.4489
235.8667	1.8038	0.0219	1.4256	1.4476
235.9	1.8242	0.0219	1.4335	1.4555
235.9333	1.8479	0.0219	1.4401	1.462
235.9667	1.8722	0.0219	1.4427	1.4647
236	1.8966	0.0088	1.4467	1.4555
236.0333	1.9173	0.0219	1.4467	1.4686
236.0667	1.9364	0.0088	1.4533	1.462
236.1	1.9601	0	1.4677	1.4677
236.1333	1.9835	0.0219	1.4664	1.4883
236.1667	2.0013	0.0219	1.4743	1.4962
236.2	2.021	0.0351	1.473	1.5081
236.2333	2.0365	0.0351	1.4756	1.5107
236.2667	2.0414	0.0088	1.4572	1.466
236.3	2.0411	0.0351	1.4256	1.4607
236.3333	2.0355	0.0088	1.3915	1.4002
236.3667	2.0276	0.0219	1.3638	1.3858
236.4	2.0253	0.0219	1.3428	1.3647
236.4333	2.0306	0.0219	1.3218	1.3437
236.4667	2.0352	0.0351	1.3139	1.3489

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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
236.5	2.0335	0.0088	1.2994	1.3082
236.5333	2.0322	0.0088	1.2797	1.2885
236.5667	2.0355	0.0351	1.2534	1.2885
236.6	2.0315	0.0219	1.2376	1.2595
236.6333	2.0296	0.0088	1.231	1.2398
236.6667	2.0306	0.0088	1.2166	1.2253
236.7	2.0282	0.0351	1.2021	1.2372
236.7333	2.0309	0.0219	1.1811	1.203
236.7667	2.0292	0.0219	1.1732	1.1951
236.8	2.0296	0.0219	1.1574	1.1793
236.8333	2.0302	0	1.1456	1.1456
236.8667	2.0302	0.0219	1.1416	1.1635
236.9	2.0315	0.0219	1.1272	1.1491
236.9333	2.0315	0.0219	1.1153	1.1372
236.9667	2.0299	0.0219	1.1206	1.1425
237	2.0306	0.0219	1.1022	1.1241
237.0333	2.0302	0.0351	1.1035	1.1385
237.0667	2.0312	0.0351	1.0851	1.1201
237.1	2.0329	0.0219	1.0785	1.1004
237.1333	2.0332	0.0219	1.0824	1.1044
237.1667	2.0368	0.0219	1.0719	1.0938
237.2	2.0342	0.0219	1.0614	1.0833
237.2333	2.0289	0.0088	1.0522	1.061
237.2667	2.0315	0.0219	1.0443	1.0662
237.3	2.0322	0.0219	1.0285	1.0504
237.3333	2.0269	0.0219	1.0259	1.0478
237.3667	2.0296	0.0088	1.018	1.0268
237.4	2.0256	0.0351	1.0062	1.0412
237.4333	2.0263	0.0088	0.9904	0.9992
237.4667	2.0233	0.0088	0.9838	0.9926
237.5	2.025	0.0219	0.9799	1.0018
237.5333	2.0236	0.0351	0.9654	1.0005
237.5667	2.0223	0.0088	0.9588	0.9676
237.6	2.0233	0.0351	0.9444	0.9794
237.6333	2.021	0.0088	0.9417	0.9505
237.6667	2.0203	0.0219	0.9404	0.9623
237.7	2.021	0.0351	0.9299	0.965
237.7333	2.0223	0.0482	0.9207	0.9689
237.7667	2.0197	0.0219	0.9102	0.9321
237.8	2.0157	0.0219	0.9141	0.936
237.8333	2.0187	0.0088	0.9115	0.9203
237.8667	2.0223	0.0088	0.9102	0.9189
237.9	2.023	0.0219	0.9062	0.9282

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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
237.9333	2.0253	0.0219	0.9062	0.9282
237.9667	2.0253	0	0.8997	0.8997
238	2.0282	0.0088	0.9076	0.9163
238.0333	2.0315	0.0219	0.901	0.9229
238.0667	2.0325	0.0219	0.9115	0.9334
238.1	2.0348	0.0351	0.9062	0.9413
238.1333	2.0296	0.0351	0.8983	0.9334
238.1667	2.0289	0.0219	0.9049	0.9268
238.2	2.0309	0.0219	0.8957	0.9176
238.2333	2.0276	0.0219	0.8957	0.9176
238.2667	2.0286	0.0351	0.8852	0.9203
238.3	2.0256	0.0351	0.8799	0.915
238.3333	2.0263	0.0219	0.8786	0.9005
238.3667	2.0263	0.0219	0.872	0.894
238.4	2.0236	0.0219	0.8642	0.8861
238.4333	2.0223	0.0088	0.8681	0.8769
238.4667	2.0243	0.0219	0.8615	0.8834
238.5	2.0246	0.0088	0.8563	0.865
238.5333	2.0246	0.0219	0.8563	0.8782
238.5667	2.0213	0.0219	0.8563	0.8782
238.6	2.023	0.0088	0.8523	0.8611
238.6333	2.021	0.0219	0.8444	0.8663
238.6667	2.0213	0.0088	0.8457	0.8545
238.7	2.0197	0.0088	0.8444	0.8532
238.7333	2.0194	0.0219	0.8379	0.8598
238.7667	2.021	0.0088	0.8379	0.8466
238.8	2.0194	0	0.8326	0.8326
238.8333	2.0203	0.0219	0.83	0.8519
238.8667	2.018	0.0088	0.8339	0.8427
238.9	2.018	0.0219	0.8273	0.8493
238.9333	2.0184	0.0088	0.826	0.8348
238.9667	2.0207	0	0.8273	0.8273
239	2.0171	0.0219	0.8181	0.84
239.0333	2.0174	0.0219	0.8168	0.8387
239.0667	2.019	0.0219	0.8208	0.8427
239.1	2.019	0.0219	0.8089	0.8308
239.1333	2.0177	0.0351	0.8024	0.8374
239.1667	2.0174	0.0219	0.801	0.823
239.2	2.0157	0.0088	0.8024	0.8111
239.2333	2.0187	0.0482	0.8037	0.8519
239.2667	2.019	0.0088	0.8024	0.8111
239.3	2.023	0.0219	0.805	0.8269
239.3333	2.023	0.0351	0.805	0.84

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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
239.3667	2.0223	0.0088	0.7971	0.8059
239.4	2.025	0.0351	0.7971	0.8322
239.4333	2.0286	0.0088	0.8063	0.8151
239.4667	2.0276	0.0614	0.8063	0.8677
239.5	2.0282	0.0351	0.8037	0.8387
239.5333	2.0286	0.0219	0.801	0.823
239.5667	2.0332	0.0351	0.7945	0.8295
239.6	2.0299	0.0219	0.7958	0.8177
239.6333	2.0338	0.0219	0.8024	0.8243
239.6667	2.0322	0.0351	0.805	0.84
239.7	2.0322	0.0219	0.8076	0.8295
239.7333	2.0342	0.0219	0.7931	0.8151
239.7667	2.0322	0.0219	0.7984	0.8203
239.8	2.0322	0.0219	0.8037	0.8256
239.8333	2.0368	0.0088	0.8024	0.8111
239.8667	2.0348	0.0088	0.8037	0.8124
239.9	2.0335	0.0219	0.7984	0.8203
239.9333	2.0325	0.0219	0.7826	0.8045
239.9667	2.0302	0.0219	0.7826	0.8045
240	2.0302	0.0219	0.7813	0.8032
240.0333	2.0263	0.0219	0.7721	0.794
240.0667	2.0253	0.0351	0.7761	0.8111
240.1	2.0227	0.0351	0.7747	0.8098
240.1333	2.0246	0.0219	0.7761	0.798
240.1667	2.019	0.0351	0.7695	0.8045
240.2	2.0223	0.0219	0.7708	0.7927
240.2333	2.018	0.0088	0.7721	0.7809
240.2667	2.0164	0.0219	0.7616	0.7835
240.3	2.0151	0.0219	0.7603	0.7822
240.3333	2.0187	0.0219	0.759	0.7809
240.3667	2.0148	0.0351	0.755	0.7901
240.4	2.0128	0.0482	0.7524	0.8006
240.4333	2.0124	0.0351	0.7511	0.7861
240.4667	2.0124	0.0351	0.7537	0.7888
240.5	2.0121	0.0219	0.755	0.7769
240.5333	2.0124	0.0088	0.7537	0.7625
240.5667	2.0148	0.0351	0.7511	0.7861
240.6	2.0164	0.0088	0.7537	0.7625
240.6333	2.0141	0.0088	0.7524	0.7612
240.6667	2.0138	0	0.7524	0.7524
240.7	2.0121	0.0351	0.7458	0.7809
240.7333	2.0154	0.0219	0.7484	0.7704
240.7667	2.0177	0.0351	0.7419	0.7769



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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
240.8	2.0151	0.0088	0.7419	0.7506
240.8333	2.0167	0.0219	0.7419	0.7638
240.8667	2.0194	0.0219	0.7327	0.7546
240.9	2.0207	0.0351	0.7405	0.7756
240.9333	2.0177	0.0219	0.7379	0.7598
240.9667	2.024	0.0351	0.7392	0.7743
241	2.0207	0.0219	0.7379	0.7598
241.0333	2.023	0.0219	0.7498	0.7717
241.0667	2.0233	0.0088	0.7498	0.7585
241.1	2.0243	0.0088	0.7432	0.7519
241.1333	2.0223	0.0219	0.7392	0.7612
241.1667	2.0256	0.0219	0.7432	0.7651
241.2	2.0266	0.0351	0.7445	0.7796
241.2333	2.0243	0.0219	0.7432	0.7651
241.2667	2.0282	0.0219	0.7419	0.7638
241.3	2.0065	0.0351	0.7248	0.7598
241.3333	1.9493	0.0219	0.6275	0.6494
241.3667	1.8933	0.0351	0.5315	0.5665
241.4	1.842	0.0351	0.4513	0.4863
241.4333	1.79	0.0219	0.3684	0.3903
241.4667	1.7383	0.0351	0.2961	0.3312
241.5	1.6922	0.0088	0.0002	0.009
241.5333	1.6448	0.0219	0	0.0219
241.5667	1.5997	0.0351	0.0015	0.0366
241.6	1.5517	0.0351	0.0002	0.0353
241.6333	1.5089	0.0088	0.0015	0.0103
241.6667	1.4654	0.0088	0.0015	0.0103
241.7	1.4249	0.0088	0.0015	0.0103
241.7333	1.3851	0.0351	0.0015	0.0366
241.7667	1.3453	0.0351	0.0002	0.0353
241.8	1.3055	0.0351	0.0002	0.0353
241.8333	1.2689	0.0219	0.0002	0.0221
241.8667	1.2327	0.0351	0.0015	0.0366
241.9	1.1965	0.0219	0.0002	0.0221
241.9333	1.1626	0.0219	0.0028	0.0248
241.9667	1.1297	0.0088	0.0015	0.0103
242	1.0958	0.0219	0.0015	0.0235
242.0333	1.0629	0.0219	0.0015	0.0235
242.0667	1.03	0.0088	0.0015	0.0103
242.1	0.9977	0.0088	0.0002	0.009
242.1333	0.9714	0.0219	0.0015	0.0235
242.1667	0.9411	0.0482	0.0002	0.0484
242.2	0.9135	0.0088	0.0028	0.0116



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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
242.2333	0.8862	0.0351	0.0015	0.0366
242.2667	0.8578	0.0351	0.0002	0.0353
242.3	0.8332	0.0219	0.0002	0.0221
242.3333	0.8052	0.0088	0.0015	0.0103
242.3667	0.7779	0.0351	0	0.0351
242.4	0.7565	0.0088	0.0002	0.009
242.4333	0.7348	0.0088	0.0015	0.0103
242.4667	0.7084	0.0219	0.0015	0.0235
242.5	0.6847	0.0351	0.0002	0.0353
242.5333	0.6633	0.0088	0.0028	0.0116
242.5667	0.6419	0.0219	0.0015	0.0235
242.6	0.6205	0.0219	0.0028	0.0248
242.6333	0.6018	0.0351	0.0015	0.0366
242.6667	0.5771	0.0219	0.0015	0.0235
242.7	0.5593	0.0219	0.0015	0.0235
242.7333	0.5406	0.0219	0.0028	0.0248
242.7667	0.5179	0.0088	0.0028	0.0116
242.8	0.5027	0.0219	0.0015	0.0235
242.8333	0.482	0.0219	0.0002	0.0221
242.8667	0.4658	0.0219	0.0002	0.0221
242.9	0.4471	0.0351	0	0.0351
242.9333	0.4326	0	0.0002	0.0002
242.9667	0.4148	0.0219	0.0015	0.0235
243	0.402	0.0219	0.0015	0.0235
243.0333	0.3872	0.0351	0.0002	0.0353
243.0667	0.372	0.0351	0.0015	0.0366
243.1	0.3572	0.0351	0.0028	0.0379
243.1333	0.3408	0.0088	0.0015	0.0103
243.1667	0.3293	0.0088	0.0028	0.0116
243.2	0.3115	0.0219	0.0002	0.0221
243.2333	0.3046	0.0351	0.0002	0.0353
243.2667	0.2911	0.0219	0.0028	0.0248
243.3	0.2746	0.0088	0	0.0088
243.3333	0.2638	0.0219	0.0028	0.0248
243.3667	0.2509	0.0219	0.0028	0.0248
243.4	0.2427	0.0088	0.0015	0.0103
243.4333	0.2312	0.0219	0.0015	0.0235
243.4667	0.219	0.0351	0.0002	0.0353
243.5	0.2088	0.0219	0.0028	0.0248
243.5333	0.2137	0.0219	0.0015	0.0235
243.5667	-0.019	0.0351	0.0002	0.0353
243.6	-0.0206	0.0219	0.0015	0.0235
243.6333	-0.0176	0.0219	0.0002	0.0221

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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
243.6667	-0.2553	0.0351	0.0015	0.0366
243.7	-0.2638	0.0351	0.0015	0.0366
243.7333	-0.2665	0.0351	0.0015	0.0366
243.7667	-0.2625	24.3095	7.0787	31.3882
243.8	-0.2559	22.8761	6.3962	29.2724
243.8333	-0.2408	21.4428	5.7861	27.2289
243.8667	-0.2263	20.2199	5.2956	25.5155
243.9	-0.2158	19.2074	4.9077	24.1151
243.9333	-0.2039	18.3395	4.5737	22.9132
243.9667	-0.1947	17.5768	4.2976	21.8744
244	-0.1842	16.8667	4.0451	20.9118
244.0333	-0.1717	16.1961	3.8136	20.0097
244.0667	-0.1602	15.5386	3.598	19.1366
244.1	-0.1516	14.9074	3.4007	18.3081
244.1333	-0.1477	14.3157	3.2166	17.5323
244.1667	-0.1394	13.7239	3.0404	16.7644
244.2	-0.1348	13.1322	2.8761	16.0083
244.2333	-0.1259	12.5405	2.7196	15.26
244.2667	-0.1207	12.0802	2.5828	14.663
244.3	-0.1138	11.6068	2.4461	14.0529
244.3333	-0.1065	11.1071	2.3185	13.4257
244.3667	-0.1022	10.6074	2.1949	12.8024
244.4	-0.0983	10.1209	2.0792	12.2001
244.4333	-0.0937	9.7659	1.9674	11.7333
244.4667	-0.0891	9.3451	1.8727	11.2178
244.5	-0.0868	8.898	1.7636	10.6616
244.5333	-0.0792	8.5824	1.6729	10.2553
244.5667	-0.0776	8.201	1.5887	9.7898
244.6	-0.0756	7.8986	1.5085	9.4071
244.6333	-0.069	7.5699	1.4349	9.0047
244.6667	-0.0657	7.2674	1.3625	8.6299
244.7	-0.065	6.9913	1.2968	8.2881
244.7333	-0.065	6.702	1.2337	7.9356
244.7667	-0.066	6.4653	1.1771	7.6424
244.8	-0.0571	6.2154	1.1153	7.3308
244.8333	-0.0562	5.9787	1.064	7.0428
244.8667	-0.0535	5.7815	1.0127	6.7942
244.9	-0.0525	5.5711	0.9628	6.5339
244.9333	-0.0515	5.3739	0.9154	6.2893
244.9667	-0.0489	5.1372	0.872	6.0092
245	-0.0479	4.9794	0.8326	5.812
245.0333	-0.0456	4.7558	0.7905	5.5463
245.0667	-0.0433	4.5717	0.755	5.3267

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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
245.1	-0.0466	4.4271	0.7221	5.1492
245.1333	-0.045	4.2956	0.6801	4.9756
245.1667	-0.041	4.1246	0.6564	4.781
245.2	-0.0427	3.9931	0.6261	4.6193
245.2333	-0.0413	3.7959	0.6012	4.397
245.2667	-0.0377	3.7433	0.5722	4.3155
245.3	-0.0381	3.6118	0.5512	4.163
245.3333	-0.0384	3.4803	0.5315	4.0118
245.3667	-0.0371	3.3488	0.5078	3.8566
245.4	-0.0358	3.2436	0.4854	3.729
245.4333	-0.0351	3.1253	0.4565	3.5818
245.4667	-0.0367	3.0332	0.4434	3.4766
245.5	-0.0367	0.0219	0.425	0.4469
245.5333	-0.0315	0.0351	0.4026	0.4377
245.5667	-0.0328	0.0219	0.3868	0.4087
245.6	-0.0298	0.0219	0.3697	0.3916
245.6333	-0.0321	0.0219	0.3566	0.3785
245.6667	-0.0305	0.0219	0.35	0.3719
245.7	-0.0321	0.0351	0.3355	0.3706
245.7333	-0.0295	0.0219	0.3171	0.339
245.7667	-0.0298	0.0219	0.3066	0.3285
245.8	-0.0275	0.0351	0.0028	0.0379
245.8333	-0.0288	0.0088	0.0028	0.0116
245.8667	-0.0272	0.0351	0.0015	0.0366
245.9	-0.0285	0.0351	0.0015	0.0366
245.9333	-0.0308	0.0351	0.0015	0.0366
245.9667	-0.0282	0.0088	0.0015	0.0103
246	-0.0265	0.0219	0.0002	0.0221
246.0333	-0.0308	0.0351	0.0015	0.0366
246.0667	-0.0298	0.0088	0.0015	0.0103
246.1	-0.0282	0.0219	0.0002	0.0221
246.1333	-0.0084	0.0088	0.0015	0.0103
246.1667	0.0432	0.0088	0.0015	0.0103
246.2	0.088	0.0482	0.0015	0.0497
246.2333	0.1374	0.0219	0.0002	0.0221
246.2667	0.1854	0.0219	0.0015	0.0235
246.3	0.2239	0.0219	0.0028	0.0248
246.3333	0.2684	0.0088	0.8497	0.8585
246.3667	0.3085	0.0219	0.9062	0.9282
246.4	0.3483	0.0219	0.9536	0.9755
246.4333	0.3813	0.0088	1.0062	1.0149
246.4667	0.4175	0.0088	1.0601	1.0689
246.5	0.452	0.0088	1.0956	1.1044

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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
246.5333	0.4882	0.0088	1.1364	1.1451
246.5667	0.5188	0.0088	1.1666	1.1754
246.6	0.5521	0.0219	1.1982	1.2201
246.6333	0.582	0.0088	1.2258	1.2345
246.6667	0.6143	0.0219	1.2481	1.27
246.7	0.6436	0.0088	1.2718	1.2806
246.7333	0.6702	0.0219	1.2942	1.3161
246.7667	0.7018	0.0351	1.3165	1.3516
246.8	0.7298	0	1.3336	1.3336
246.8333	0.7515	0.0219	1.3533	1.3752
246.8667	0.7802	0.0088	1.3717	1.3805
246.9	0.8052	0.0351	1.3823	1.4173
246.9333	0.8279	0.0219	1.3875	1.4094
246.9667	0.8532	0.0219	1.3967	1.4186
247	0.871	0.0219	1.4099	1.4318
247.0333	0.895	0.0351	1.4151	1.4502
247.0667	0.9171	0.0219	1.4191	1.441
247.1	0.9355	0.0219	1.4204	1.4423
247.1333	0.9579	0.0088	1.4217	1.4305
247.1667	0.9747	0.0219	1.4151	1.437
247.2	0.9971	0.0088	1.4243	1.4331
247.2333	1.0122	0.0088	1.4204	1.4292
247.2667	1.0329	0.0351	1.4164	1.4515
247.3	1.0474	0.0219	1.4178	1.4397
247.3333	1.0649	0.0351	1.4138	1.4489
247.3667	1.0817	0.0088	1.4099	1.4186
247.4	1.0991	0.0088	1.402	1.4107
247.4333	1.1133	0.0219	1.398	1.42
247.4667	1.1277	0.0088	1.3941	1.4029
247.5	1.1429	0.0219	1.3888	1.4107
247.5333	1.1557	0.0219	1.3744	1.3963
247.5667	1.1699	0.0482	1.377	1.4252
247.6	1.1843	0.0219	1.3665	1.3884
247.6333	1.1972	0.0219	1.3573	1.3792
247.6667	1.2094	0.0219	1.3507	1.3726
247.7	1.2209	0.0219	1.3362	1.3581
247.7333	1.2298	0	1.3283	1.3283
247.7667	1.2419	0.0219	1.3205	1.3424
247.8	1.2535	0.0351	1.3139	1.3489
247.8333	1.2614	0.0088	1.3047	1.3134
247.8667	1.2749	0.0482	1.2968	1.345
247.9	1.2854	0.0088	1.2928	1.3016
247.9333	1.2923	0.0088	1.2902	1.299

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247.9667	1.3032	0.0219	1.2823	1.3042
248	1.3137	0.0219	1.2731	1.295
248.0333	1.3176	0.0351	1.2613	1.2963
248.0667	1.3278	0.0219	1.2586	1.2806
248.1	1.3341	0.0088	1.2481	1.2569
248.1333	1.3436	0.0351	1.2416	1.2766
248.1667	1.3529	0.0351	1.235	1.27
248.2	1.3608	0.0088	1.2297	1.2385
248.2333	1.3644	0.0219	1.2192	1.2411
248.2667	1.3723	0.0351	1.2113	1.2464
248.3	1.3789	0.0219	1.2126	1.2345
248.3333	1.3868	0.0219	1.1955	1.2174
248.3667	1.391	0.0351	1.1916	1.2267
248.4	1.3966	0.0219	1.1784	1.2004
248.4333	1.4039	0.0088	1.1653	1.1741
248.4667	1.4082	0.0219	1.1587	1.1806
248.5	1.4151	0.0351	1.1561	1.1911
248.5333	1.4193	0.0219	1.1403	1.1622
248.5667	1.4269	0.0351	1.1364	1.1714
248.6	1.4328	0.0351	1.1311	1.1662
248.6333	1.4335	0.0219	1.1219	1.1438
248.6667	1.4417	0	1.1101	1.1101
248.7	1.4454	0.0351	1.1061	1.1412
248.7333	1.4503	0.0351	1.093	1.128
248.7667	1.4523	0.0351	1.0864	1.1215
248.8	1.4559	0.0088	1.0732	1.082
248.8333	1.4608	0.0088	1.0746	1.0833
248.8667	1.4638	0.0219	1.0667	1.0886
248.9	1.4654	0.0219	1.0483	1.0702
248.9333	1.4704	0.0351	1.0417	1.0767
248.9667	1.473	0.0219	1.0364	1.0583
249	1.4783	0.0219	1.0312	1.0531
249.0333	1.4819	0.0219	1.0193	1.0412
249.0667	1.4848	0.0088	1.0114	1.0202
249.1	1.4881	0.0088	1.0035	1.0123
249.1333	1.4865	0.0219	1.0035	1.0255
249.1667	1.4934	0.0351	0.9917	1.0268
249.2	1.496	0.0219	0.9838	1.0057
249.2333	1.4987	0.0088	0.9667	0.9755
249.2667	1.499	0.0088	0.9628	0.9715
249.3	1.5046	0.0219	0.9575	0.9794
249.3333	1.5066	0.0219	0.9523	0.9742
249.3667	1.5115	0.0351	0.9641	0.9992



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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
249.4	1.5085	0.0219	0.9562	0.9781
249.4333	1.5125	0.0219	0.9417	0.9637
249.4667	1.5145	0.0219	0.9325	0.9545
249.5	1.5174	0.0219	0.9233	0.9452
249.5333	1.5164	0.0219	0.9194	0.9413
249.5667	1.5197	0.0219	0.9128	0.9347
249.6	1.5214	0.0088	0.9102	0.9189
249.6333	1.5237	0.0088	0.9128	0.9216
249.6667	1.5243	0.0219	0.9023	0.9242
249.7	1.5257	0.0219	0.9128	0.9347
249.7333	1.5293	0.0219	0.897	0.9189
249.7667	1.5306	0.0088	0.8918	0.9005
249.8	1.5306	0.0088	0.8891	0.8979
249.8333	1.5329	0.0219	0.8839	0.9058
249.8667	1.5355	0.0219	0.8786	0.9005
249.9	1.5378	0.0482	0.8773	0.9255
249.9333	1.5372	0.0219	0.8655	0.8874
249.9667	1.5398	0.0219	0.872	0.894
250	1.5388	0.0219	0.8602	0.8821
250.0333	1.5395	0.0219	0.8642	0.8861
250.0667	1.5405	0.0219	0.8615	0.8834
250.1	1.5431	0.0219	0.8589	0.8808
250.1333	1.5474	0.0219	0.8497	0.8716
250.1667	1.5464	0.0219	0.8405	0.8624
250.2	1.5461	0.0219	0.8484	0.8703
250.2333	1.5474	0.0351	0.8484	0.8834
250.2667	1.5487	0.0351	0.8365	0.8716
250.3	1.5487	0.0088	0.83	0.8387
250.3333	1.5513	0.0219	0.83	0.8519
250.3667	1.5494	0.0351	0.8234	0.8585
250.4	1.552	0.0351	0.8247	0.8598
250.4333	1.551	0.0219	0.8129	0.8348
250.4667	1.554	0.0351	0.8089	0.844
250.5	1.554	0.0219	0.8102	0.8322
250.5333	1.5533	0.0219	0.801	0.823
250.5667	1.5533	0.0088	0.8037	0.8124
250.6	1.5582	0.0219	0.7997	0.8216
250.6333	1.5569	0.0219	0.7892	0.8111
250.6667	1.5569	0.0351	0.7918	0.8269
250.7	1.5569	0.0088	0.7839	0.7927
250.7333	1.5573	0.0351	0.7813	0.8164
250.7667	1.5596	0	0.7761	0.7761
250.8	1.5592	0.0219	0.7721	0.794



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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
250.8333	1.5609	0.0219	0.7682	0.7901
250.8667	1.5619	0.0351	0.7616	0.7967
250.9	1.5625	0.0219	0.7655	0.7874
250.9333	1.5596	0.0351	0.7695	0.8045
250.9667	1.5619	0.0088	0.7629	0.7717
251	1.5622	0.0088	0.7629	0.7717
251.0333	1.5638	0.0219	0.7603	0.7822
251.0667	1.5615	0.0219	0.7642	0.7861
251.1	1.5622	0.0088	0.7629	0.7717
251.1333	1.5638	0.0351	0.759	0.794
251.1667	1.5652	0.0219	0.7498	0.7717
251.2	1.5658	0.0219	0.7471	0.769
251.2333	1.5668	0.0351	0.7458	0.7809
251.2667	1.5671	0.0219	0.7511	0.773
251.3	1.5642	0.0351	0.7379	0.773
251.3333	1.5655	0.0088	0.7445	0.7533
251.3667	1.5655	0.0351	0.7392	0.7743
251.4	1.5681	0.0219	0.7327	0.7546
251.4333	1.5694	0.0351	0.7261	0.7612
251.4667	1.5671	0.0351	0.7208	0.7559
251.5	1.5675	0	0.7116	0.7116
251.5333	1.5648	0.0088	0.7024	0.7112
251.5667	1.5688	0.0088	0.7077	0.7164
251.6	1.5691	0.0088	0.7129	0.7217
251.6333	1.5714	0.0219	0.7037	0.7256
251.6667	1.5701	0.0088	0.7077	0.7164
251.7	1.5694	0.0088	0.7077	0.7164
251.7333	1.5688	0.0088	0.7064	0.7151
251.7667	1.5694	0.0088	0.7037	0.7125
251.8	1.5711	0.0351	0.7011	0.7362
251.8333	1.5721	0.0351	0.6932	0.7283
251.8667	1.5711	0.0088	0.6998	0.7086
251.9	1.5721	0.0219	0.6893	0.7112
251.9333	1.5708	0.0219	0.6958	0.7178
251.9667	1.5711	0.0219	0.684	0.7059
252	1.574	0.0351	0.6787	0.7138
252.0333	1.5708	0.0219	0.6814	0.7033
252.0667	1.5727	0.0351	0.6748	0.7099
252.1	1.5714	0.0088	0.6709	0.6796
252.1333	1.5691	0.0351	0.6656	0.7007
252.1667	1.5724	0.0219	0.6564	0.6783
252.2	1.5757	0.0351	0.6577	0.6928
252.2333	1.5747	0.0219	0.6564	0.6783

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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
252.2667	1.5701	0.0351	0.6406	0.6757
252.3	1.5734	0.0351	0.6367	0.6717
252.3333	1.5711	0.0219	0.6209	0.6428
252.3667	1.5737	0.0219	0.6248	0.6467
252.4	1.575	0.0088	0.6301	0.6389
252.4333	1.5724	0.0088	0.6261	0.6349
252.4667	1.5763	0.0219	0.6235	0.6454
252.5	1.5727	0.0219	0.6288	0.6507
252.5333	1.5757	0.0088	0.6314	0.6402
252.5667	1.5727	0.0219	0.6419	0.6638
252.6	1.5714	0.0219	0.6301	0.652
252.6333	1.5734	0.0088	0.6301	0.6389
252.6667	1.5737	0	0.6196	0.6196
252.7	1.5731	0.0351	0.6275	0.6625
252.7333	1.5711	0.0351	0.6248	0.6599
252.7667	1.574	0.0088	0.6196	0.6283
252.8	1.5724	0.0219	0.6169	0.6389
252.8333	1.5757	0.0351	0.6248	0.6599
252.8667	1.5757	0.0351	0.6222	0.6573
252.9	1.575	0.0351	0.6143	0.6494
252.9333	1.5714	0.0088	0.6209	0.6297
252.9667	1.5737	0.0351	0.6051	0.6402
253	1.576	0.0088	0.5985	0.6073
253.0333	1.5773	0.0351	0.5972	0.6323
253.0667	1.5763	0.0219	0.6156	0.6375
253.1	1.575	0.0088	0.613	0.6218
253.1333	1.5754	0.0219	0.5946	0.6165
253.1667	1.576	0.0088	0.5906	0.5994
253.2	1.5747	0.0219	0.5972	0.6191
253.2333	1.5773	0.0219	0.5959	0.6178
253.2667	1.575	0.0088	0.6025	0.6112
253.3	1.5747	0.0219	0.6091	0.631
253.3333	1.5757	0.0351	0.5933	0.6283
253.3667	1.5763	0.0219	0.5972	0.6191
253.4	1.5734	0.0219	0.5933	0.6152
253.4333	1.5754	0.0088	0.6012	0.6099
253.4667	1.574	0.0219	0.6025	0.6244
253.5	1.5767	0.0351	0.5972	0.6323
253.5333	1.5757	0.0219	0.6064	0.6283
253.5667	1.578	0.0088	0.6077	0.6165
253.6	1.5767	0.0088	0.6091	0.6178
253.6333	1.5757	0.0088	0.6038	0.6126
253.6667	1.574	0.0219	0.5998	0.6218

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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
253.7	1.576	0.0219	0.6038	0.6257
253.7333	1.576	0.0219	0.6051	0.627
253.7667	1.5783	0.0088	0.5998	0.6086
253.8	1.5767	0.0219	0.6038	0.6257
253.8333	1.5757	0.0219	0.5998	0.6218
253.8667	1.5773	0.0351	0.5933	0.6283
253.9	1.5767	0.0219	0.5893	0.6112
253.9333	1.5754	0.0219	0.5854	0.6073
253.9667	1.5757	0.0219	0.5828	0.6047
254	1.5744	0.0351	0.5828	0.6178
254.0333	1.5773	0.0219	0.5828	0.6047
254.0667	1.5754	0.0088	0.588	0.5968
254.1	1.5731	0.0088	0.5854	0.5941
254.1333	1.5754	0.0088	0.5867	0.5955
254.1667	1.5744	0.0351	0.5854	0.6204
254.2	1.5737	0.0219	0.5841	0.606
254.2333	1.5744	0.0088	0.5854	0.5941
254.2667	1.574	0.0219	0.5828	0.6047
254.3	1.5757	0.0351	0.5801	0.6152
254.3333	1.5763	0.0351	0.5828	0.6178
254.3667	1.5717	0.0088	0.588	0.5968
254.4	1.5757	0.0219	0.5854	0.6073
254.4333	1.5754	0.0088	0.588	0.5968
254.4667	1.5763	0.0219	0.5893	0.6112
254.5	1.576	0.0219	0.5893	0.6112
254.5333	1.5763	0.0219	0.5749	0.5968
254.5667	1.576	0.0088	0.563	0.5718
254.6	1.5777	0.0351	0.5499	0.5849
254.6333	1.5744	0.0219	0.5551	0.5771
254.6667	1.578	0.0088	0.5512	0.56
254.7	1.5754	0.0219	0.5499	0.5718
254.7333	1.5737	0.0351	0.5538	0.5889
254.7667	1.5773	0.0088	0.5604	0.5692
254.8	1.577	0.0088	0.5512	0.56
254.8333	1.5783	0.0351	0.5591	0.5941
254.8667	1.5777	0.0219	0.5512	0.5731
254.9	1.5767	0.0351	0.5565	0.5915
254.9333	1.5747	0.0219	0.5499	0.5718
254.9667	1.576	0.0219	0.5578	0.5797
255	1.5724	0.0088	0.5604	0.5692
255.0333	1.5767	0	0.5551	0.5551
255.0667	1.5757	0.0219	0.542	0.5639
255.1	1.576	0.0219	0.5446	0.5665

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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
255.1333	1.576	0.0219	0.5459	0.5678
255.1667	1.574	0.0219	0.5459	0.5678
255.2	1.5747	0.0219	0.5472	0.5692
255.2333	1.5757	0.0088	0.5486	0.5573
255.2667	1.5744	0.0219	0.5472	0.5692
255.3	1.575	0.0219	0.5459	0.5678
255.3333	1.5727	0.0088	0.5433	0.5521
255.3667	1.5747	0.0219	0.5433	0.5652
255.4	1.5757	0.0219	0.5367	0.5586
255.4333	1.5747	0.0219	0.5288	0.5508
255.4667	1.5727	0.0219	0.5302	0.5521
255.5	1.5747	0.0219	0.538	0.56
255.5333	1.5767	0.0219	0.5354	0.5573
255.5667	1.5737	0.0351	0.5328	0.5678
255.6	1.5767	0.0351	0.5367	0.5718
255.6333	1.5744	0.0219	0.5367	0.5586
255.6667	1.5731	0.0351	0.5354	0.5705
255.7	1.574	0.0219	0.5302	0.5521
255.7333	1.5744	0.0219	0.5315	0.5534
255.7667	1.5754	0.0088	0.5328	0.5415
255.8	1.5724	0.0088	0.5302	0.5389
255.8333	1.5757	0.0088	0.5328	0.5415
255.8667	1.574	0.0219	0.5367	0.5586
255.9	1.574	0.0219	0.5407	0.5626
255.9333	1.577	0.0351	0.5486	0.5836
255.9667	1.5747	0.0088	0.5433	0.5521
256	1.5747	0.0088	0.5367	0.5455
256.0333	1.5747	0.0088	0.538	0.5468
256.0667	1.574	0.0219	0.542	0.5639
256.1	1.5744	0.0219	0.5472	0.5692
256.1333	1.5754	0.0351	0.5394	0.5744
256.1667	1.5757	0.0219	0.542	0.5639
256.2	1.5717	0.0088	0.5341	0.5429
256.2333	1.5754	0.0219	0.5288	0.5508
256.2667	1.575	0.0219	0.5328	0.5547
256.3	1.576	0.0219	0.5328	0.5547
256.3333	1.5974	0.0088	0.5486	0.5573
256.3667	1.6066	0.0351	0.563	0.5981
256.4	1.6165	0.0351	0.5657	0.6007
256.4333	1.6274	0.0219	0.588	0.6099
256.4667	1.626	0.0088	0.588	0.5968
256.5	1.6313	0.0219	0.5867	0.6086
256.5333	1.6369	0.0219	0.5933	0.6152

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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
256.5667	1.6599	0.0219	0.6275	0.6494
256.6	1.6725	0.0219	0.6432	0.6652
256.6333	1.6774	0.0219	0.6511	0.673
256.6667	1.6751	0.0219	0.6459	0.6678
256.7	1.6711	0.0219	0.6419	0.6638
256.7333	1.6685	0.0351	0.6367	0.6717
256.7667	1.6649	0.0219	0.6288	0.6507
256.8	1.6576	0.0219	0.6301	0.652
256.8333	1.653	0.0219	0.6156	0.6375
256.8667	1.6471	0.0088	0.6156	0.6244
256.9	1.6455	0.0219	0.6051	0.627
256.9333	1.6386	0.0219	0.6051	0.627
256.9667	1.6353	0.0219	0.5972	0.6191
257	1.6372	0.0351	0.5933	0.6283
257.0333	1.632	0.0088	0.592	0.6007
257.0667	1.6277	0.0088	0.5841	0.5928
257.1	1.6257	0.0351	0.5867	0.6218
257.1333	1.6201	0.0088	0.5749	0.5836
257.1667	1.6165	0.0351	0.5722	0.6073
257.2	1.6152	0.0219	0.5683	0.5902
257.2333	1.6099	0.0219	0.567	0.5889
257.2667	1.607	0.0219	0.5591	0.581
257.3	1.604	0.0219	0.5525	0.5744
257.3333	1.6063	0.0088	0.5565	0.5652
257.3667	1.6023	0.0219	0.5551	0.5771
257.4	1.5984	0	0.5538	0.5538
257.4333	1.5951	0.0088	0.5472	0.556
257.4667	1.5961	0.0219	0.538	0.56
257.5	1.5921	0.0351	0.5328	0.5678
257.5333	1.5889	0.0482	0.5407	0.5889
257.5667	1.5875	0.0088	0.538	0.5468
257.6	1.5882	0.0219	0.5354	0.5573
257.6333	1.5852	0.0088	0.5354	0.5442
257.6667	1.5856	0.0088	0.5354	0.5442
257.7	1.5833	0.0219	0.5262	0.5481
257.7333	1.58	0.0219	0.5288	0.5508
257.7667	1.576	0.0351	0.5288	0.5639
257.8	1.5796	0.0088	0.5209	0.5297
257.8333	1.5783	0.0088	0.5236	0.5323
257.8667	1.58	0	0.5209	0.5209
257.9	1.5862	0.0088	0.5288	0.5376
257.9333	1.5915	0	0.5328	0.5328
257.9667	1.5938	0.0088	0.5354	0.5442

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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
258	1.6004	0.0088	0.5499	0.5586
258.0333	1.6047	0.0088	0.5512	0.56
258.0667	1.6073	0.0088	0.5512	0.56
258.1	1.6132	0.0088	0.5578	0.5665
258.1333	1.6139	0.0219	0.563	0.5849
258.1667	1.6211	0.0219	0.5643	0.5863
258.2	1.6221	0.0219	0.5735	0.5955
258.2333	1.6267	0.0088	0.5749	0.5836
258.2667	1.631	0.0351	0.5722	0.6073
258.3	1.6349	0.0219	0.5762	0.5981
258.3333	1.6362	0.0219	0.5788	0.6007
258.3667	1.6402	0.0088	0.588	0.5968
258.4	1.6441	0.0088	0.5959	0.6047
258.4333	1.6494	0.0351	0.5985	0.6336
258.4667	1.658	0.0219	0.6038	0.6257
258.5	1.6636	0	0.6196	0.6196
258.5333	1.6695	0.0219	0.6222	0.6441
258.5667	1.6721	0.0351	0.6301	0.6652
258.6	1.679	0.0219	0.6248	0.6467
258.6333	1.6827	0.0351	0.634	0.6691
258.6667	1.6889	0.0351	0.6406	0.6757
258.7	1.6922	0.0351	0.6459	0.6809
258.7333	1.6971	0.0088	0.6551	0.6638
258.7667	1.7001	0.0351	0.6603	0.6954
258.8	1.7034	0.0219	0.6669	0.6888
258.8333	1.7037	0.0219	0.6735	0.6954
258.8667	1.7096	0.0219	0.6748	0.6967
258.9	1.7096	0.0088	0.6774	0.6862
258.9333	1.7149	0.0088	0.6814	0.6901
258.9667	1.7192	0.0088	0.6814	0.6901
259	1.7185	0.0351	0.6866	0.7217
259.0333	1.7241	0.0219	0.6879	0.7099
259.0667	1.7251	0.0351	0.6879	0.723
259.1	1.7291	0.0088	0.6814	0.6901
259.1333	1.7297	0.0219	0.6879	0.7099
259.1667	1.731	0.0219	0.6893	0.7112
259.2	1.735	0.0088	0.6919	0.7007
259.2333	1.736	0.0351	0.6919	0.727
259.2667	1.7366	0.0219	0.6985	0.7204
259.3	1.736	0.0219	0.7037	0.7256
259.3333	1.7399	0.0351	0.7037	0.7388
259.3667	1.7426	0.0219	0.7011	0.723
259.4	1.7409	0.0219	0.7037	0.7256



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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
259.4333	1.7462	0.0219	0.7064	0.7283
259.4667	1.7472	0.0219	0.7103	0.7322
259.5	1.7485	0.0219	0.7156	0.7375
259.5333	1.7505	0.0351	0.7182	0.7533
259.5667	1.7488	0.0351	0.7182	0.7533
259.6	1.7472	0.0219	0.7208	0.7427
259.6333	1.7534	0.0482	0.7195	0.7677
259.6667	1.7541	0.0088	0.7221	0.7309
259.7	1.7616	0.0351	0.73	0.7651
259.7333	1.7663	0.0351	0.7353	0.7704
259.7667	1.7702	0	0.7379	0.7379
259.8	1.7784	0.0219	0.7471	0.769
259.8333	1.7814	0.0219	0.755	0.7769
259.8667	1.7853	0.0219	0.7563	0.7782
259.9	1.79	0.0088	0.7642	0.773
259.9333	1.7946	0.0219	0.7668	0.7888
259.9667	1.7965	0.0351	0.7734	0.8085
260	1.8034	0.0088	0.7721	0.7809
260.0333	1.8081	0.0088	0.7682	0.7769
260.0667	1.8117	0.0219	0.7826	0.8045
260.1	1.816	0.0219	0.7892	0.8111
260.1333	1.8206	0.0219	0.7879	0.8098
260.1667	1.8202	0.0219	0.7931	0.8151
260.2	1.8294	0.0219	0.8024	0.8243
260.2333	1.8373	0	0.8142	0.8142
260.2667	1.8426	0.0351	0.8208	0.8558
260.3	1.8485	0.0219	0.8208	0.8427
260.3333	1.8535	0.0088	0.8313	0.84
260.3667	1.8584	0.0088	0.8339	0.8427
260.4	1.8683	0.0219	0.8392	0.8611
260.4333	1.8703	0.0351	0.8405	0.8756
260.4667	1.8732	0.0088	0.8563	0.865
260.5	1.8785	0.0219	0.8602	0.8821
260.5333	1.8811	0.0351	0.8642	0.8992
260.5667	1.8867	0.0219	0.8668	0.8887
260.6	1.8917	0	0.872	0.872
260.6333	1.8936	0.0219	0.8799	0.9019
260.6667	1.8979	0.0351	0.8786	0.9137
260.7	1.9009	0.0088	0.8852	0.894
260.7333	1.9032	0.0351	0.8878	0.9229
260.7667	1.9058	0.0088	0.8905	0.8992
260.8	1.9084	0.0219	0.8983	0.9203
260.8333	1.914	0.0219	0.8957	0.9176

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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
260.8667	1.9154	0.0088	0.8957	0.9045
260.9	1.915	0.0219	0.9036	0.9255
260.9333	1.9186	0.0088	0.897	0.9058
260.9667	1.9223	0.0219	0.901	0.9229
261	1.9246	0.0351	0.8944	0.9295
261.0333	1.9275	0.0351	0.8891	0.9242
261.0667	1.9275	0.0219	0.8918	0.9137
261.1	1.9308	0.0088	0.8839	0.8926
261.1333	1.9298	0.0219	0.8773	0.8992
261.1667	1.9348	0.0219	0.8655	0.8874
261.2	1.9361	0.0088	0.8707	0.8795
261.2333	1.9374	0.0088	0.8707	0.8795
261.2667	1.9377	0.0219	0.8628	0.8848
261.3	1.9407	0.0088	0.8734	0.8821
261.3333	1.943	0.0219	0.8826	0.9045
261.3667	1.9437	0.0219	0.872	0.894
261.4	1.9427	0.0351	0.8681	0.9032
261.4333	1.9463	0.0351	0.8799	0.915
261.4667	1.946	0.0219	0.8799	0.9019
261.5	1.9433	0.0219	0.8747	0.8966
261.5333	1.9496	0.0088	0.8786	0.8874
261.5667	1.9479	0.0088	0.8734	0.8821
261.6	1.9512	0.0351	0.8681	0.9032
261.6333	1.9509	0.0351	0.8786	0.9137
261.6667	1.9509	0.0088	0.8747	0.8834
261.7	1.9548	0.0351	0.8773	0.9124
261.7333	1.9572	0.0219	0.8839	0.9058
261.7667	1.9647	0.0219	0.8878	0.9097
261.8	1.968	0.0088	0.8865	0.8953
261.8333	1.9749	0.0088	0.8799	0.8887
261.8667	1.9789	0.0351	0.8839	0.9189
261.9	1.9897	0.0219	0.9049	0.9268
261.9333	1.9937	0.0219	0.9023	0.9242
261.9667	1.9943	0.0219	0.9049	0.9268
262	2.0022	0.0088	0.922	0.9308
262.0333	1.9999	0.0351	0.9233	0.9584
262.0667	2.0013	0.0351	0.922	0.9571
262.1	2.0026	0.0219	0.9194	0.9413
262.1333	2.0022	0	0.9233	0.9233
262.1667	2.0045	0.0219	0.9115	0.9334
262.2	2.0006	0.0219	0.9128	0.9347
262.2333	1.998	0.0088	0.9062	0.915
262.2667	1.9976	0.0351	0.9102	0.9452

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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
262.3	1.997	0.0088	0.9128	0.9216
262.3333	1.998	0.0219	0.9115	0.9334
262.3667	1.9927	0.0219	0.9062	0.9282
262.4	1.9953	0.0351	0.9102	0.9452
262.4333	1.9983	0.0351	0.9115	0.9466
262.4667	1.996	0.0088	0.9115	0.9203
262.5	1.999	0.0219	0.9141	0.936
262.5333	1.9993	0.0219	0.9089	0.9308
262.5667	2.0006	0.0219	0.9128	0.9347
262.6	2.0003	0.0219	0.9115	0.9334
262.6333	2.0289	0.0219	0.9286	0.9505
262.6667	2.0562	0.0219	0.9694	0.9913
262.7	2.0862	0.0219	1.0075	1.0294
262.7333	2.097	0.0351	1.0246	1.0596
262.7667	2.1135	0.0088	1.0338	1.0426
262.8	2.1257	0.0219	1.0469	1.0689
262.8333	2.1474	0.0219	1.0785	1.1004
262.8667	2.1737	0.0351	1.1114	1.1464
262.9	2.1978	0.0088	1.1456	1.1543
262.9333	2.2099	0.0482	1.1758	1.224
262.9667	2.2221	0.0219	1.2047	1.2267
263	2.2238	0.0351	1.2639	1.299
263.0333	2.2175	0.0219	1.3191	1.3411
263.0667	2.206	0.0219	1.3402	1.3621
263.1	2.1839	0.0219	1.3507	1.3726
263.1333	2.1596	0.0219	1.3967	1.4186
263.1667	2.1388	0.0351	1.4677	1.5028
263.2	2.1286	0.0219	1.5387	1.5607
263.2333	2.1151	0.0219	1.6019	1.6238
263.2667	2.1105	0.0219	1.69	1.7119
263.3	2.0967	0.0219	1.7662	1.7881
263.3333	2.0921	0.0088	1.8346	1.8434
263.3667	2.0816	0.0219	1.9096	1.9315
263.4	2.0717	0.0219	1.97	1.992
263.4333	2.0661	0.0219	2.02	2.0419
263.4667	2.0612	0.0219	2.0674	2.0893
263.5	2.0562	0.0219	2.1068	2.1287
263.5333	2.051	0.0351	2.1384	2.1734
263.5667	2.0434	0.0219	2.1673	2.1892
263.6	2.0371	0.0351	2.2159	2.251
263.6333	2.0332	0.0351	2.2501	2.2852
263.6667	2.0276	0.0219	2.2909	2.3128
263.7	2.0282	0.0351	2.3211	2.3562

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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
263.7333	2.0243	0.0088	2.354	2.3628
263.7667	2.0197	0.0219	2.3935	2.4154
263.8	2.0148	0.0219	2.4237	2.4456
263.8333	2.0138	0.0219	2.4645	2.4864
263.8667	2.0085	0.0088	2.4908	2.4995
263.9	2.0085	0.0219	2.5197	2.5416
263.9333	2.0055	0.0088	2.5473	2.5561
263.9667	2.0009	0.0351	2.5815	2.6166
264	2.0009	0.0088	2.6104	2.6192
264.0333	1.9957	0.0219	2.6354	2.6573
264.0667	1.994	0.0219	2.6775	2.6994
264.1	1.9957	0.0088	2.7222	2.731
264.1333	1.9953	0.0219	2.7617	2.7836
264.1667	1.996	0.0088	2.8051	2.8138
264.2	1.9937	0.0219	2.8458	2.8677
264.2333	1.993	0.0219	2.9063	2.9282
264.2667	1.992	0.0219	2.9615	2.9835
264.3	1.9934	0.0219	3.0155	3.0374
264.3333	1.9911	0.0219	3.0549	3.0768
264.3667	1.9878	0.0351	3.0957	3.1307
264.4	1.9904	0.0219	3.164	3.186
264.4333	1.9911	0.0088	3.2166	3.2254
264.4667	1.9937	0.0088	3.2706	3.2793
264.5	1.9963	0.0219	3.3153	3.3372
264.5333	1.9993	0.0351	3.3679	3.4029
264.5667	1.9986	0.0219	3.4178	3.4397
264.6	1.997	0.0351	3.4599	3.495
264.6333	2.0009	0.0482	3.5243	3.5726
264.6667	2.0022	0.0351	3.5677	3.6028
264.7	2.0059	0.0351	3.619	3.6541
264.7333	2.0062	0.0351	3.6664	3.7014
264.7667	2.0072	0.0351	3.7242	3.7593
264.8	2.0118	0.0351	3.7768	3.8119
264.8333	2.0105	0.0351	3.8215	3.8566
264.8667	2.0157	0.0088	3.8662	3.875
264.9	2.0184	0.0219	3.9149	3.9368
264.9333	2.0177	0.0219	3.9583	3.9802
264.9667	2.0184	0.0351	3.9964	4.0315
265	2.0203	0.0351	4.049	4.0841
265.0333	2.0227	0	4.1003	4.1003
265.0667	2.0236	0.0219	4.1398	4.1617
265.1	2.0217	0.0219	4.1924	4.2143
265.1333	2.0236	0.0088	4.2331	4.2419

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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
265.1667	2.0243	0.0219	4.2726	4.2945
265.2	2.023	0.0088	4.3186	4.3274
265.2333	2.0246	0.0351	4.3738	4.4089
265.2667	2.0223	0.0219	4.4251	4.447
265.3	2.025	0.0219	4.4659	4.4878
265.3333	2.0253	0.0219	4.5079	4.5299
265.3667	2.0256	0.0219	4.5329	4.5548
265.4	2.022	0.0351	4.575	4.6101
265.4333	2.0243	0.0088	4.6131	4.6219
265.4667	2.0263	0.0219	4.6513	4.6732
265.5	2.0256	0.0219	4.6828	4.7048
265.5333	2.0217	0.0219	4.717	4.7389
265.5667	2.025	0.0351	4.7433	4.7784
265.6	2.023	0.0219	4.7736	4.7955
265.6333	2.0243	0.0088	4.7999	4.8086
265.6667	2.0243	0.0088	4.8314	4.8402
265.7	2.0227	0.0351	4.863	4.8981
265.7333	2.0236	0.0219	4.8906	4.9125
265.7667	2.0217	0.0088	4.9169	4.9257
265.8	2.0217	0.0219	4.9458	4.9677
265.8333	2.0243	0.0088	4.9721	4.9809
265.8667	2.0236	0.0088	4.9866	4.9954
265.9	2.023	0.0219	5.0234	5.0453
265.9333	2.0233	0.0351	5.0445	5.0795
265.9667	2.025	0	5.0655	5.0655
266	2.0256	0.0088	5.0878	5.0966
266.0333	2.0236	0.0219	5.1168	5.1387
266.0667	2.0256	0.0219	5.1352	5.1571
266.1	2.0207	0.0351	5.1589	5.1939
266.1333	2.0243	0.0219	5.1799	5.2018
266.1667	2.0259	0.0219	5.1983	5.2202
266.2	2.0243	0.0219	5.2115	5.2334
266.2333	2.0259	0.0088	5.222	5.2307
266.2667	2.022	0.0088	5.2325	5.2413
266.3	2.0243	0.0219	5.2443	5.2662
266.3333	2.0263	0.0351	5.2549	5.2899
266.3667	2.0243	0.0351	5.2759	5.311
266.4	2.0246	0.0088	5.2785	5.2873
266.4333	2.0259	0.0088	5.293	5.3018
266.4667	2.0253	0.0219	5.3035	5.3254
266.5	2.0263	0.0351	5.3167	5.3517
266.5333	2.0266	0.0219	5.3298	5.3517
266.5667	2.0256	0.0351	5.3351	5.3701



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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
266.6	2.0269	0.0351	5.3469	5.382
266.6333	2.0273	0.0088	5.3561	5.3649
266.6667	2.0279	0.0219	5.3693	5.3912
266.7	2.0286	0.0219	5.3811	5.403
266.7333	2.0266	0.0219	5.3903	5.4122
266.7667	2.0276	0.0219	5.4021	5.424
266.8	2.0263	0.0088	5.4192	5.428
266.8333	2.0273	0.0219	5.4232	5.4451
266.8667	2.0256	0.0088	5.4389	5.4477
266.9	2.0282	0.0219	5.4363	5.4582
266.9333	2.0273	0.0088	5.4429	5.4517
266.9667	2.0266	0.0219	5.4403	5.4622
267	2.0259	0.0219	5.4521	5.474
267.0333	2.0273	0.0351	5.4731	5.5082
267.0667	2.0253	0.0219	5.485	5.5069
267.1	2.0246	0.0219	5.481	5.5029
267.1333	2.0286	0.0219	5.4837	5.5056
267.1667	2.0279	0.0219	5.4929	5.5148
267.2	2.0243	0	5.5008	5.5008
267.2333	2.0289	0.0088	5.5139	5.5227
267.2667	2.0282	0.0351	5.5192	5.5542
267.3	2.0279	0.0088	5.5284	5.5371
267.3333	2.0246	0.0088	5.5349	5.5437
267.3667	2.0302	0.0219	5.5494	5.5713
267.4	2.0253	0.0088	5.5547	5.5634
267.4333	2.0263	0.0219	5.5573	5.5792
267.4667	2.0276	0.0351	5.5744	5.6095
267.5	2.0256	0.0351	5.5757	5.6108
267.5333	2.0279	0.0219	5.577	5.5989
267.5667	2.0286	0.0088	5.5823	5.591
267.6	2.0279	0.0219	5.581	5.6029
267.6333	2.0296	0.0219	5.5902	5.6121
267.6667	2.0233	0.0088	5.5796	5.5884
267.7	2.0121	0.0088	5.5875	5.5963
267.7333	2.0026	0.0088	5.5875	5.5963
267.7667	1.9545	8.898	5.0445	13.9424
267.8	1.8989	19.6282	4.3935	24.0217
267.8333	1.8495	18.0107	4.0858	22.0966
267.8667	1.8005	16.6958	3.811	20.5068
267.9	1.7537	15.6043	3.5401	19.1445
267.9333	1.7067	14.5655	3.2706	17.8361
267.9667	1.6622	13.6713	3.0194	16.6907
268	1.6181	12.7772	2.7866	15.5638



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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
268.0333	1.5777	11.9487	2.5631	14.5118
268.0667	1.5352	11.1729	2.3527	13.5256
268.1	1.4954	10.3445	2.1515	12.496
268.1333	1.4552	9.6607	1.9648	11.6255
268.1667	1.4161	8.9769	1.786	10.7628
268.2	1.3785	8.2799	1.6124	9.8923
268.2333	1.3469	7.6619	1.4651	9.127
268.2667	1.3088	7.0965	1.3152	8.4117
268.3	1.2745	6.5047	1.1719	7.6766
268.3333	1.2413	5.9261	1.0496	6.9757
268.3667	1.2064	5.4133	0.9378	6.3511
268.4	1.1715	4.9399	0.8168	5.7567
268.4333	1.1383	4.4534	0.7169	5.1703
268.4667	1.1113	4.0194	0.6261	4.6456
268.5	1.0784	3.6118	0.5367	4.1485
268.5333	1.0487	3.1647	0.4539	3.6186
268.5667	1.0224	0.0088	0.3895	0.3982
268.6	0.9905	0.0088	0.3342	0.343
268.6333	0.9632	0.0219	0.0002	0.0221
268.6667	0.9372	0.0088	0.0015	0.0103
268.7	0.9095	0.0219	0.0028	0.0248
268.7333	0.8855	0.0219	0.0028	0.0248
268.7667	0.8565	0.0088	0.0015	0.0103
268.8	0.8345	0.0219	0.0002	0.0221
268.8333	0.8091	0.0351	0.0015	0.0366
268.8667	0.7835	0.0219	0.0015	0.0235
268.9	0.7621	0.0219	0.0028	0.0248
268.9333	0.7394	0.0219	0.0028	0.0248
268.9667	0.712	0.0482	0.0015	0.0497
269	0.692	0.0219	0.0028	0.0248
269.0333	0.6699	0.0088	0.0028	0.0116
269.0667	0.6472	0.0088	0.0002	0.009
269.1	0.6265	0.0351	0.0015	0.0366
269.1333	0.6034	0.0088	0.0042	0.0129
269.1667	0.587	0	0.0002	0.0002
269.2	0.5669	0.0351	0.0002	0.0353
269.2333	0.5471	0.0219	0.0015	0.0235
269.2667	0.533	0.0219	0.0015	0.0235
269.3	-0.0209	0.0088	0.0028	0.0116
269.3333	-0.0206	0.0088	0	0.0088
269.3667	-0.019	0	0.0015	0.0015
269.4	-0.0206	0.0088	0.0002	0.009
269.4333	-0.0193	0	0.0015	0.0015

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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
269.4667	-0.0114	0.0088	0.0002	0.009
269.5	-0.0114	0.0219	0.0002	0.0221
269.5333	-0.0127	0.0219	0.0002	0.0221
269.5667	-0.0157	40.4968	14.294	54.7908
269.6	-0.5627	37.6827	12.908	50.5907
269.6333	-0.5367	35.5788	11.8231	47.4019
269.6667	-0.5107	34.0666	10.9645	45.031
269.7	-0.4863	32.6464	10.2702	42.9165
269.7333	-0.4593	31.4892	9.6942	41.1834
269.7667	-0.4373	30.3846	9.1656	39.5502
269.8	-0.4146	29.3984	8.7132	38.1116
269.8333	-0.3935	28.4516	8.278	36.7296
269.8667	-0.3767	27.5443	7.8756	35.4199
269.9	-0.356	26.6764	7.4995	34.1759
269.9333	-0.3369	25.7822	7.151	32.9333
269.9667	-0.3211	25.0195	6.7973	31.8169
270	-0.306	24.0991	6.4791	30.5782
270.0333	-0.2895	23.4021	6.1964	29.5985
270.0667	-0.2737	22.5605	5.9058	28.4663
270.1	-0.2612	21.7979	5.6165	27.4143
270.1333	-0.2477	21.0615	5.3403	26.4018
270.1667	-0.2322	20.3514	5.0957	25.4471
270.2	-0.2211	19.5098	4.8485	24.3583
270.2333	-0.2102	18.826	4.6223	23.4484
270.2667	-0.1987	18.1159	4.3949	22.5108
270.3	-0.1875	17.4585	4.1805	21.639
270.3333	-0.1783	16.7747	3.9767	20.7514
270.3667	-0.17	16.1829	3.7716	19.9545
270.4	-0.1648	15.5912	3.5796	19.1708
270.4333	-0.1552	14.9469	3.3942	18.341
270.4667	-0.1477	14.3946	3.2298	17.6244
270.5	-0.1371	13.8028	3.0667	16.8696
270.5333	-0.1305	13.2768	2.9129	16.1897
270.5667	-0.1253	12.7377	2.7643	15.502
270.6	-0.1187	12.2249	2.6236	14.8485
270.6333	-0.1134	11.7646	2.4947	14.2593
270.6667	-0.1059	11.3175	2.3698	13.6873
270.7	-0.1052	10.8573	2.2515	13.1087
270.7333	-0.1006	10.3971	2.137	12.5341
270.7667	-0.0947	9.9631	2.0358	11.9989
270.8	-0.0891	9.6212	1.9306	11.5518
270.8333	-0.0861	9.1873	1.832	11.0193
270.8667	-0.0831	8.8322	1.7412	10.5735

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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
270.9	-0.0785	8.5166	1.6518	10.1685
270.9333	-0.0746	8.1616	1.5716	9.7332
270.9667	-0.0759	7.8723	1.494	9.3663
271	-0.069	7.5041	1.4243	8.9284
271.0333	-0.0673	7.2411	1.3507	8.5918
271.0667	-0.0657	7.0044	1.2876	8.292
271.1	-0.0618	6.7283	1.2245	7.9527
271.1333	-0.0588	6.4916	1.1653	7.6569
271.1667	-0.0591	6.2286	1.1087	7.3373
271.2	-0.0568	5.9524	1.0535	7.006
271.2333	-0.0548	5.7552	0.9957	6.7509
271.2667	-0.0542	5.5185	0.9549	6.4734
271.3	-0.0522	5.3081	0.9049	6.213
271.3333	-0.0466	5.1372	0.8628	6
271.3667	-0.0473	4.9268	0.8247	5.7515
271.4	-0.0446	4.7032	0.7813	5.4845
271.4333	-0.044	4.5849	0.7432	5.3281
271.4667	-0.0446	4.4008	0.7156	5.1163
271.5	-0.0413	4.3087	0.6814	4.9901
271.5333	-0.042	4.1378	0.6577	4.7955
271.5667	-0.0394	4.0589	0.6275	4.6863
271.6	-0.0394	3.8616	0.6051	4.4667
271.6333	-0.0387	3.7301	0.5775	4.3076
271.6667	-0.0423	3.6512	0.5578	4.209
271.7	-0.0367	3.5197	0.5288	4.0486
271.7333	-0.0374	3.4408	0.5052	3.946
271.7667	-0.0364	3.283	0.492	3.7751
271.8	-0.0341	3.191	0.467	3.658
271.8333	-0.0354	3.0727	0.4434	3.516
271.8667	-0.0325	0.0351	0.425	0.46
271.9	-0.0344	0.0219	0.4052	0.4271
271.9333	-0.0331	0.0088	0.3895	0.3982
271.9667	-0.0328	0	0.3802	0.3802
272	-0.0302	0.0351	0.3684	0.4035
272.0333	-0.0305	0.0088	0.3513	0.3601
272.0667	-0.0305	0	0.3369	0.3369
272.1	-0.0331	0.0219	0.3237	0.3456
272.1333	-0.0338	0.0351	0.3145	0.3496
272.1667	-0.0292	0.0482	0	0.0482
272.2	-0.0292	0.0351	0.0015	0.0366
272.2333	-0.0315	0.0088	0.0015	0.0103
272.2667	-0.0315	0.0219	0.0002	0.0221
272.3	-0.0305	0.0219	0.0002	0.0221

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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
272.3333	-0.0311	0.0351	0.0015	0.0366
272.3667	-0.0285	0.0219	0	0.0219
272.4	-0.0308	0.0088	0.0015	0.0103
272.4333	-0.0216	0.0219	0.0028	0.0248
272.4667	0.0166	0.0088	0.0028	0.0116
272.5	0.0584	0.0088	0.0002	0.009
272.5333	0.0936	0.0088	0.0002	0.009
272.5667	0.1321	0.0219	0.8668	0.8887
272.6	0.1683	0.0219	0.9496	0.9715
272.6333	0.1999	0.0088	1.0325	1.0412
272.6667	0.2381	0.0088	1.1061	1.1149
272.7	0.2707	0.0351	1.1784	1.2135
272.7333	0.3006	0.0351	1.2442	1.2792
272.7667	0.3362	0	1.3034	1.3034
272.8	0.3641	0.0351	1.3665	1.4015
272.8333	0.3997	0.0088	1.4217	1.4305
272.8667	0.429	0.0219	1.4717	1.4936
272.9	0.4586	0.0088	1.5269	1.5357
272.9333	0.4843	0.0219	1.5729	1.5948
272.9667	0.5152	0.0088	1.6203	1.629
273	0.5445	0.0088	1.6623	1.6711
273.0333	0.5725	0.0219	1.7031	1.725
273.0667	0.6015	0.0219	1.7373	1.7592
273.1	0.6271	0.0219	1.7754	1.7973
273.1333	0.6482	0.0219	1.8254	1.8473
273.1667	0.6739	0.0088	1.857	1.8657
273.2	0.7005	0.0088	1.8898	1.8986
273.2333	0.7209	0	1.928	1.928
273.2667	0.7492	0.0219	1.9687	1.9906
273.3	0.7739	0.0219	1.9977	2.0196
273.3333	0.795	0.0088	2.0174	2.0262
273.3667	0.8184	0.0088	2.0489	2.0577
273.4	0.8401	0.0219	2.0713	2.0932
273.4333	0.8644	0.0219	2.0752	2.0972
273.4667	0.8815	0.0088	2.1029	2.1116
273.5	0.9095	0.0219	2.1134	2.1353
273.5333	0.9286	0.0351	2.1265	2.1616
273.5667	0.9447	0.0351	2.1397	2.1747
273.6	0.9714	0.0219	2.1476	2.1695
273.6333	0.9875	0.0351	2.1555	2.1905
273.6667	1.0102	0.0219	2.1555	2.1774
273.7	1.0303	0.0088	2.1633	2.1721
273.7333	1.051	0.0219	2.1528	2.1747

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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
273.7667	1.0649	0.0351	2.1647	2.1997
273.8	1.0869	0.0351	2.1633	2.1984
273.8333	1.1044	0.0219	2.1568	2.1787
273.8667	1.1261	0.0351	2.1555	2.1905
273.9	1.1429	0.0482	2.162	2.2103
273.9333	1.1613	0.0351	2.1673	2.2024
273.9667	1.1745	0.0219	2.166	2.1879
274	1.1939	0.0219	2.162	2.184
274.0333	1.21	0.0219	2.1489	2.1708
274.0667	1.2255	0.0219	2.1594	2.1813
274.1	1.2426	0.0219	2.1607	2.1826
274.1333	1.2577	0.0088	2.1476	2.1563
274.1667	1.2716	0.0088	2.1423	2.1511
274.2	1.2897	0.0482	2.1489	2.1971
274.2333	1.3035	0.0219	2.1541	2.1761
274.2667	1.3163	0.0088	2.1476	2.1563
274.3	1.3308	0.0219	2.1423	2.1642
274.3333	1.3443	0.0219	2.137	2.159
274.3667	1.3637	0.0351	2.1357	2.1708
274.4	1.3713	0.0219	2.1292	2.1511
274.4333	1.3871	0.0088	2.12	2.1287
274.4667	1.4003	0.0219	2.1081	2.13
274.5	1.4111	0.0219	2.1055	2.1274
274.5333	1.4256	0.0088	2.1029	2.1116
274.5667	1.4371	0.0219	2.0923	2.1143
274.6	1.45	0.0351	2.0923	2.1274
274.6333	1.4588	0.0219	2.0871	2.109
274.6667	1.473	0.0351	2.0831	2.1182
274.7	1.4848	0.0219	2.0818	2.1037
274.7333	1.4937	0.0351	2.0739	2.109
274.7667	1.5036	0.0088	2.07	2.0788
274.8	1.5138	0.0088	2.0647	2.0735
274.8333	1.5243	0.0219	2.0647	2.0866
274.8667	1.5359	0.0088	2.0687	2.0774
274.9	1.5464	0.0351	2.0595	2.0945
274.9333	1.5556	0.0088	2.0529	2.0617
274.9667	1.5642	0.0219	2.0463	2.0682
275	1.5737	0.0088	2.0424	2.0511
275.0333	1.5816	0.0219	2.0437	2.0656
275.0667	1.5931	0.0088	2.0305	2.0393
275.1	1.5987	0.0219	2.0305	2.0525
275.1333	1.6093	0.0088	2.02	2.0288
275.1667	1.6178	0.0219	2.0108	2.0327



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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
275.2	1.6254	0.0219	2.0056	2.0275
275.2333	1.6343	0.0219	2.0029	2.0248
275.2667	1.6445	0.0088	1.9977	2.0064
275.3	1.6497	0.0219	1.9898	2.0117
275.3333	1.6563	0.0219	1.9963	2.0183
275.3667	1.6649	0.0219	1.9845	2.0064
275.4	1.6701	0.0351	1.9687	2.0038
275.4333	1.6794	0.0088	1.9661	1.9749
275.4667	1.6873	0.0351	1.9608	1.9959
275.5	1.6945	0.0088	1.9661	1.9749
275.5333	1.6991	0	1.9595	1.9595
275.5667	1.705	0.0219	1.9516	1.9736
275.6	1.711	0.0088	1.9503	1.9591
275.6333	1.7166	0.0351	1.9385	1.9736
275.6667	1.7231	0.0088	1.9306	1.9394
275.7	1.7281	0.0219	1.9306	1.9525
275.7333	1.735	0.0219	1.9253	1.9473
275.7667	1.7403	0.0219	1.9214	1.9433
275.8	1.7432	0.0219	1.924	1.9459
275.8333	1.7495	0.0219	1.9096	1.9315
275.8667	1.7557	0.0219	1.9096	1.9315
275.9	1.762	0.0219	1.903	1.9249
275.9333	1.7649	0	1.8977	1.8977
275.9667	1.7705	0.0088	1.8951	1.9039
276	1.7735	0	1.8951	1.8951
276.0333	1.7781	0.0351	1.8872	1.9223
276.0667	1.7834	0.0351	1.8767	1.9118
276.1	1.7867	0.0219	1.8714	1.8933
276.1333	1.7929	0.0219	1.8714	1.8933
276.1667	1.7975	0.0088	1.8649	1.8736
276.2	1.8008	0.0088	1.8543	1.8631
276.2333	1.8041	0.0219	1.8504	1.8723
276.2667	1.8071	0.0351	1.8399	1.8749
276.3	1.8123	0.0219	1.8425	1.8644
276.3333	1.8173	0.0219	1.8386	1.8605
276.3667	1.8173	0.0219	1.8386	1.8605
276.4	1.8196	0.0219	1.8307	1.8526
276.4333	1.8242	0.0219	1.8241	1.846
276.4667	1.8248	0.0351	1.8346	1.8697
276.5	1.8308	0.0219	1.8267	1.8486
276.5333	1.8318	0.0088	1.8228	1.8315
276.5667	1.8364	0.0219	1.8149	1.8368
276.6	1.838	0.0219	1.8123	1.8342



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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
276.6333	1.8423	0.0219	1.8149	1.8368
276.6667	1.8443	0.0088	1.7938	1.8026
276.7	1.8456	0.0219	1.7925	1.8144
276.7333	1.8495	0.0219	1.7978	1.8197
276.7667	1.8528	0.0088	1.7978	1.8066
276.8	1.8555	0.0219	1.7991	1.821
276.8333	1.8568	0.0219	1.7912	1.8131
276.8667	1.862	0.0088	1.7794	1.7881
276.9	1.8627	0.0219	1.7741	1.796
276.9333	1.8643	0.0351	1.7781	1.8131
276.9667	1.8683	0.0088	1.7767	1.7855
277	1.8722	0.0088	1.786	1.7947
277.0333	1.8759	0.0088	1.7833	1.7921
277.0667	1.8768	0.0088	1.782	1.7908
277.1	1.8838	0.0088	1.7807	1.7895
277.1333	1.888	0.0219	1.782	1.8039
277.1667	1.891	0.0351	1.7846	1.8197
277.2	1.8903	0.0351	1.7873	1.8223
277.2333	1.8956	0	1.782	1.782
277.2667	1.9012	0.0088	1.7781	1.7868
277.3	1.9042	0.0219	1.7833	1.8052
277.3333	1.9078	0	1.7807	1.7807
277.3667	1.9111	0.0219	1.7794	1.8013
277.4	1.9134	0.0219	1.7794	1.8013
277.4333	1.9137	0.0219	1.7781	1.8
277.4667	1.9193	0.0219	1.7728	1.7947
277.5	1.9209	0.0088	1.7675	1.7763
277.5333	1.9256	0.0088	1.7675	1.7763
277.5667	1.9318	0.0088	1.7636	1.7724
277.6	1.9275	0.0219	1.7662	1.7881
277.6333	1.9338	0.0219	1.7675	1.7895
277.6667	1.9348	0.0219	1.7689	1.7908
277.7	1.9361	0.0219	1.7623	1.7842
277.7333	1.9394	0.0088	1.7662	1.775
277.7667	1.941	0.0219	1.7662	1.7881
277.8	1.9433	0.0351	1.7662	1.8013
277.8333	1.9466	0.0219	1.761	1.7829
277.8667	1.946	0.0219	1.7649	1.7868
277.9	1.9473	0.0219	1.7636	1.7855
277.9333	1.9519	0.0219	1.7597	1.7816
277.9667	1.9548	0.0088	1.761	1.7697
278	1.9545	0.0219	1.7557	1.7776
278.0333	1.9565	0.0088	1.7544	1.7632

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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
278.0667	1.9611	0.0219	1.7491	1.771
278.1	1.9598	0.0351	1.7478	1.7829
278.1333	1.9598	0.0351	1.7478	1.7829
278.1667	1.9621	0.0351	1.7478	1.7829
278.2	1.9614	0.0088	1.7439	1.7526
278.2333	1.9631	0.0088	1.7504	1.7592
278.2667	1.966	0.0351	1.7504	1.7855
278.3	1.9664	0.0219	1.7439	1.7658
278.3333	1.967	0.0088	1.7504	1.7592
278.3667	1.9687	0	1.7465	1.7465
278.4	1.9677	0.0219	1.736	1.7579
278.4333	1.973	0.0219	1.7294	1.7513
278.4667	1.9713	0.0219	1.732	1.754
278.5	1.9697	0.0088	1.7268	1.7355
278.5333	1.9776	0.0219	1.7347	1.7566
278.5667	1.9739	0.0219	1.7307	1.7526
278.6	1.9762	0.0219	1.7202	1.7421
278.6333	1.9782	0.0219	1.7294	1.7513
278.6667	1.9776	0.0088	1.7228	1.7316
278.7	1.9802	0.0351	1.7268	1.7618
278.7333	1.9795	0.0351	1.7268	1.7618
278.7667	1.9858	0.0219	1.7215	1.7434
278.8	1.9907	0.0351	1.7268	1.7618
278.8333	1.9904	0.0219	1.7268	1.7487
278.8667	1.9963	0.0351	1.7294	1.7645
278.9	1.998	0.0088	1.7294	1.7382
278.9333	1.9953	0.0219	1.7347	1.7566
278.9667	2.0045	0.0219	1.7294	1.7513
279	2.0059	0.0088	1.7347	1.7434
279.0333	2.0095	0.0219	1.732	1.754
279.0667	2.0108	0.0219	1.7281	1.75
279.1	2.0121	0.0219	1.7334	1.7553
279.1333	2.0174	0.0088	1.7373	1.7461
279.1667	2.0151	0.0219	1.7399	1.7618
279.2	2.021	0.0088	1.7399	1.7487
279.2333	2.0194	0.0219	1.7373	1.7592
279.2667	2.023	0.0351	1.7294	1.7645
279.3	2.0246	0.0219	1.732	1.754
279.3333	2.0286	0.0219	1.7307	1.7526
279.3667	2.0286	0.0219	1.7347	1.7566
279.4	2.0338	0.0219	1.736	1.7579
279.4333	2.0348	0.0219	1.7399	1.7618
279.4667	2.0365	0.0351	1.7386	1.7737

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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
279.5	2.0352	0.0219	1.7255	1.7474
279.5333	2.0388	0	1.7176	1.7176
279.5667	2.0388	0	1.7255	1.7255
279.6	2.0358	0.0219	1.7176	1.7395
279.6333	2.0302	0.0219	1.7136	1.7355
279.6667	2.0319	0.0219	1.7097	1.7316
279.7	2.0263	0.0351	1.6834	1.7185
279.7333	2.0263	0.0088	1.6834	1.6922
279.7667	2.0207	0.0088	1.6742	1.6829
279.8	2.0223	0.0088	1.6742	1.6829
279.8333	2.0171	0.0482	1.6637	1.7119
279.8667	2.0184	0.0351	1.6623	1.6974
279.9	2.0138	0.0088	1.6558	1.6645
279.9333	2.0115	0.0351	1.6466	1.6816
279.9667	2.0098	0.0219	1.6426	1.6645
280	2.0108	0.0351	1.6347	1.6698
280.0333	2.0105	0.0351	1.6466	1.6816
280.0667	2.0108	0.0219	1.6466	1.6685
280.1	2.0105	0	1.636	1.636
280.1333	2.0124	0.0219	1.6413	1.6632
280.1667	2.0144	0.0088	1.6387	1.6474
280.2	2.0171	0.0088	1.6387	1.6474
280.2333	2.018	0.0219	1.6453	1.6672
280.2667	2.0203	0.0088	1.6347	1.6435
280.3	2.0203	0.0219	1.6387	1.6606
280.3333	2.019	0.0351	1.6466	1.6816
280.3667	2.0197	0.0219	1.6466	1.6685
280.4	2.0207	0.0219	1.6479	1.6698
280.4333	2.0227	0.0351	1.6453	1.6803
280.4667	2.0279	0.0088	1.64	1.6488
280.5	2.0266	0.0219	1.6439	1.6659
280.5333	2.023	0.0219	1.6426	1.6645
280.5667	2.0279	0.0219	1.6466	1.6685
280.6	2.0292	0.0088	1.64	1.6488
280.6333	2.0312	0.0219	1.64	1.6619
280.6667	2.0309	0.0219	1.6426	1.6645
280.7	2.0296	0.0219	1.6334	1.6553
280.7333	2.0315	0.0219	1.636	1.658
280.7667	2.0338	0.0088	1.6413	1.6501
280.8	2.0312	0.0088	1.6387	1.6474
280.8333	2.0329	0.0351	1.6334	1.6685
280.8667	2.0355	0.0219	1.6321	1.654
280.9	2.0338	0	1.6334	1.6334

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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
280.9333	2.0375	0.0088	1.6295	1.6382
280.9667	2.0352	0.0219	1.6347	1.6566
281	2.0391	0.0219	1.6387	1.6606
281.0333	2.0375	0.0219	1.6347	1.6566
281.0667	2.0371	0.0351	1.6282	1.6632
281.1	2.0398	0	1.6321	1.6321
281.1333	2.0384	0.0219	1.6229	1.6448
281.1667	2.0434	0.0088	1.6295	1.6382
281.2	2.0408	0.0219	1.636	1.658
281.2333	2.0401	0.0219	1.6268	1.6488
281.2667	2.0424	0.0219	1.6242	1.6461
281.3	2.0437	0.0219	1.6268	1.6488
281.3333	2.0371	0.0219	1.6216	1.6435
281.3667	2.0342	0.0351	1.615	1.6501
281.4	2.0286	0.0219	1.6084	1.6303
281.4333	2.0259	0.0219	1.5992	1.6211
281.4667	2.0223	0.0219	1.5927	1.6146
281.5	2.018	0.0482	1.5861	1.6343
281.5333	2.0161	0.0088	1.5769	1.5856
281.5667	2.0078	0.0219	1.569	1.5909
281.6	2.0095	0.0088	1.569	1.5777
281.6333	2.0042	0.0219	1.5729	1.5948
281.6667	2.0013	0.0088	1.5664	1.5751
281.7	2.0019	0.0088	1.5624	1.5712
281.7333	2.0022	0.0219	1.5571	1.5791
281.7667	2.0032	0.0351	1.5624	1.5975
281.8	2.0042	0.0219	1.569	1.5909
281.8333	2.0049	0.0351	1.5664	1.6014
281.8667	2.0042	0.0088	1.5637	1.5725
281.9	2.0049	0.0088	1.569	1.5777
281.9333	2.0042	0.0088	1.5664	1.5751
281.9667	2.0009	0.0219	1.5664	1.5883
282	2.0045	0.0219	1.5637	1.5856
282.0333	2.0039	0.0351	1.5677	1.6027
282.0667	2.0069	0.0088	1.5637	1.5725
282.1	2.0105	0	1.569	1.569
282.1333	2.0124	0.0351	1.5677	1.6027
282.1667	2.0134	0.0088	1.565	1.5738
282.2	2.0141	0.0219	1.5729	1.5948
282.2333	2.0111	0.0351	1.5729	1.608
282.2667	2.018	0.0351	1.569	1.604
282.3	2.0177	0.0351	1.5637	1.5988
282.3333	2.019	0.0351	1.5664	1.6014

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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
282.3667	2.0184	0.0219	1.5703	1.5922
282.4	2.0194	0.0088	1.5677	1.5764
282.4333	2.0227	0.0088	1.5677	1.5764
282.4667	2.0203	0.0219	1.569	1.5909
282.5	2.024	0.0219	1.569	1.5909
282.5333	2.0259	0.0219	1.5598	1.5817
282.5667	2.0286	0.0219	1.5637	1.5856
282.6	2.0243	0.0088	1.5664	1.5751
282.6333	2.0266	0.0219	1.569	1.5909
282.6667	2.0266	0.0219	1.5729	1.5948
282.7	2.0279	0.0219	1.5677	1.5896
282.7333	2.0312	0.0088	1.5637	1.5725
282.7667	2.0286	0.0088	1.5756	1.5843
282.8	2.0325	0.0482	1.5716	1.6198
282.8333	2.0302	0.0219	1.5756	1.5975
282.8667	2.0309	0.0219	1.569	1.5909
282.9	2.0361	0.0088	1.5729	1.5817
282.9333	2.0325	0.0351	1.5677	1.6027
282.9667	2.0296	0.0088	1.5611	1.5699
283	2.0263	0.0088	1.5637	1.5725
283.0333	2.0246	0.0088	1.5598	1.5685
283.0667	2.0223	0.0219	1.5571	1.5791
283.1	2.018	0.0351	1.5558	1.5909
283.1333	2.0171	0.0219	1.5414	1.5633
283.1667	2.0151	0.0219	1.5374	1.5593
283.2	2.0098	0.0219	1.5361	1.558
283.2333	2.0098	0.0351	1.5387	1.5738
283.2667	2.0049	0.0219	1.5295	1.5514
283.3	2.0042	0.0088	1.5216	1.5304
283.3333	2.0026	0.0219	1.523	1.5449
283.3667	2.0013	0.0088	1.5216	1.5304
283.4	2.0032	0.0482	1.5111	1.5593
283.4333	1.998	0.0088	1.5059	1.5146
283.4667	1.994	0.0088	1.5045	1.5133
283.5	1.993	0.0088	1.4993	1.5081
283.5333	1.996	0.0088	1.5006	1.5094
283.5667	1.9947	0.0088	1.5059	1.5146
283.6	1.9957	0.0219	1.494	1.5159
283.6333	1.992	0.0219	1.498	1.5199
283.6667	1.9973	0.0219	1.5019	1.5238
283.7	1.998	0.0219	1.498	1.5199
283.7333	1.9983	0.0219	1.498	1.5199
283.7667	1.998	0.0219	1.4927	1.5146

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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
283.8	1.999	0.0219	1.4953	1.5173
283.8333	1.9996	0.0351	1.5019	1.537
283.8667	2.0016	0.0219	1.5045	1.5265
283.9	2.0006	0.0351	1.5019	1.537
283.9333	1.9986	0.0219	1.5019	1.5238
283.9667	1.9999	0.0219	1.5006	1.5225
284	2.0003	0.0219	1.4993	1.5212
284.0333	2.0036	0.0219	1.5045	1.5265
284.0667	2.0039	0.0088	1.5085	1.5173
284.1	2.0052	0.0088	1.5059	1.5146
284.1333	2.0032	0.0088	1.4993	1.5081
284.1667	2.0042	0.0351	1.4993	1.5344
284.2	2.0045	0.0219	1.5085	1.5304
284.2333	2.0026	0.0219	1.5032	1.5251
284.2667	2.0036	0.0088	1.5072	1.5159
284.3	2.0065	0.0088	1.5019	1.5107
284.3333	1.9693	0.0351	1.4585	1.4936
284.3667	1.916	0.0219	1.0746	1.0965
284.4	1.8653	0.0219	0.8839	0.9058
284.4333	1.8163	0.0219	0.7116	0.7335
284.4667	1.7659	0.0219	0.5709	0.5928
284.5	1.7198	0.0088	0.446	0.4548
284.5333	1.6734	0.0088	0.3303	0.339
284.5667	1.627	0.0219	0.0002	0.0221
284.6	1.5826	0.0219	0.0015	0.0235
284.6333	1.5372	0.0088	0.0002	0.009
284.6667	1.4954	0.0351	0.0015	0.0366
284.7	1.4503	0.0351	0.0002	0.0353
284.7333	1.4095	0.0088	0.0002	0.009
284.7667	1.3726	0.0219	0.0028	0.0248
284.8	1.3334	0.0351	0.0015	0.0366
284.8333	1.2949	0.0219	0.0015	0.0235
284.8667	1.2551	0.0088	0.0015	0.0103
284.9	1.2209	0.0088	0.0002	0.009
284.9333	1.1876	0	0.0028	0.0028
284.9667	1.1501	0.0351	0.0028	0.0379
285	1.1162	0.0219	0.0015	0.0235
285.0333	1.0823	0.0351	0.0002	0.0353
285.0667	1.0497	0.0351	0.0002	0.0353
285.1	1.0175	0.0088	0.0015	0.0103
285.1333	0.9865	0.0219	0.0002	0.0221
285.1667	0.9569	0.0219	0.0002	0.0221
285.2	0.9306	0.0088	0.0015	0.0103



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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
285.2333	0.9	0.0219	0.0028	0.0248
285.2667	0.8727	0.0219	0.0002	0.0221
285.3	0.8483	0.0219	0.0015	0.0235
285.3333	0.8174	0.0219	0.0015	0.0235
285.3667	0.7947	0.0088	0.0028	0.0116
285.4	0.7706	0.0219	0.0015	0.0235
285.4333	0.745	0.0219	0.0028	0.0248
285.4667	0.7209	0.0351	0.0002	0.0353
285.5	0.6976	0.0219	0.0015	0.0235
285.5333	0.6758	0.0088	0.0002	0.009
285.5667	0.6512	0.0088	0.0028	0.0116
285.6	0.6314	0.0219	0.0002	0.0221
285.6333	0.6077	0.0219	0.0015	0.0235
285.6667	0.5916	0.0219	0.0015	0.0235
285.7	0.5692	0.0219	0.0015	0.0235
285.7333	0.5504	0.0088	0.0002	0.009
285.7667	0.5327	0.0088	0.0015	0.0103
285.8	0.5109	0.0219	0.0015	0.0235
285.8333	0.4951	0.0088	0.0002	0.009
285.8667	0.4757	0.0088	0.0015	0.0103
285.9	0.4586	0.0219	0.0028	0.0248
285.9333	0.4441	0.0219	0.0015	0.0235
285.9667	0.4254	0.0219	0.0015	0.0235
286	0.4115	0.0351	0.0015	0.0366
286.0333	0.3951	0.0351	0.0015	0.0366
286.0667	0.3773	0.0351	0.0015	0.0366
286.1	0.3661	0.0219	0.0015	0.0235
286.1333	0.3539	0.0219	0.0002	0.0221
286.1667	0.3368	0.0219	0.0028	0.0248
286.2	0.3256	0.0351	0.0042	0.0392
286.2333	0.3095	0.0351	0.0002	0.0353
286.2667	0.2957	0.0219	0.0028	0.0248
286.3	0.2861	0.0219	0.0015	0.0235
286.3333	0.2822	0.0219	0.0015	0.0235
286.3667	-0.0167	0.0219	0.0028	0.0248
286.4	-0.02	0.0351	0.0015	0.0366
286.4333	-0.0223	0.0088	0.0015	0.0103
286.4667	-0.019	0.0351	0.0002	0.0353
286.5	-0.3247	0.0351	0.0002	0.0353
286.5333	-0.329	0.0351	0.0015	0.0366
286.5667	-0.3339	0.0351	0.0015	0.0366
286.6	-0.3511	0.0088	0.0002	0.009
286.6333	-0.3399	28.307	8.6843	36.9913

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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
286.6667	-0.3198	26.4792	7.8125	34.2916
286.7	-0.304	24.9144	7.0813	31.9957
286.7333	-0.2885	23.7046	6.5251	30.2297
286.7667	-0.2717	22.5868	6.0609	28.6478
286.8	-0.2592	21.6269	5.6625	27.2894
286.8333	-0.2441	20.7985	5.3377	26.1362
286.8667	-0.2332	19.9832	5.0431	25.0263
286.9	-0.2174	19.2468	4.7709	24.0178
286.9333	-0.2066	18.4841	4.5198	23.0039
286.9667	-0.197	17.774	4.2831	22.0571
287	-0.1852	17.1297	4.0687	21.1985
287.0333	-0.1756	16.5117	3.8544	20.3661
287.0667	-0.1674	15.8147	3.6585	19.4732
287.1	-0.1618	15.1836	3.4639	18.6474
287.1333	-0.1493	14.5918	3.289	17.8808
287.1667	-0.1407	14.0264	3.1193	17.1457
287.2	-0.1345	13.4478	2.951	16.3988
287.2333	-0.1289	12.9086	2.8037	15.7124
287.2667	-0.124	12.4353	2.6565	15.0917
287.3	-0.118	11.9356	2.521	14.4566
287.3333	-0.1121	11.4885	2.3895	13.878
287.3667	-0.1055	10.9756	2.2672	13.2429
287.4	-0.1026	10.5285	2.162	12.6906
287.4333	-0.0953	10.0552	2.0503	12.1054
287.4667	-0.0917	9.687	1.9464	11.6333
287.5	-0.0891	9.3319	1.853	11.1849
287.5333	-0.0848	8.8717	1.7649	10.6366
287.5667	-0.0835	8.5692	1.6715	10.2408
287.6	-0.0762	8.2405	1.5874	9.8279
287.6333	-0.0776	7.9644	1.5085	9.4728
287.6667	-0.072	7.6093	1.4375	9.0468
287.7	-0.069	7.3069	1.3599	8.6668
287.7333	-0.0637	7.0833	1.3007	8.384
287.7667	-0.0657	6.7809	1.2389	8.0198
287.8	-0.0594	6.5705	1.1758	7.7463
287.8333	-0.0581	6.3075	1.1206	7.4281
287.8667	-0.0558	6.0708	1.0653	7.1361
287.9	-0.0571	5.7946	1.0114	6.8061
287.9333	-0.0509	5.5843	0.968	6.5523
287.9667	-0.0529	5.4396	0.926	6.3656
288	-0.0525	5.2292	0.8773	6.1065
288.0333	-0.0483	4.9925	0.8379	5.8304
288.0667	-0.0453	4.8216	0.8024	5.6239

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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
288.1	-0.0463	4.6112	0.7563	5.3675
288.1333	-0.0453	4.506	0.7221	5.2281
288.1667	-0.043	4.3482	0.6906	5.0388
288.2	-0.042	4.2035	0.663	4.8665
288.2333	-0.0413	4.1115	0.6406	4.7521
288.2667	-0.0397	3.9142	0.6012	4.5154
288.3	-0.0417	3.8353	0.5828	4.4181
288.3333	-0.0381	3.6644	0.5591	4.2235
288.3667	-0.04	3.5197	0.5302	4.0499
288.4	-0.0387	3.4803	0.5157	3.996
288.4333	-0.0348	3.3356	0.4973	3.8329
288.4667	-0.0384	3.3093	0.4802	3.7895
288.5	-0.0334	3.1647	0.4565	3.6212
288.5333	-0.0344	3.0595	0.4342	3.4937
288.5667	-0.0334	0.0219	0.4236	0.4456
288.6	-0.0325	0.0351	0.4052	0.4403
288.6333	-0.0334	0.0088	0.3816	0.3903
288.6667	-0.0311	0.0351	0.3763	0.4114
288.7	-0.0305	0.0351	0.3526	0.3877
288.7333	-0.0338	0.0482	0.3461	0.3943
288.7667	-0.0305	0.0088	0.329	0.3377
288.8	-0.0285	0.0088	0.3158	0.3246
288.8333	-0.0288	0.0219	0.3106	0.3325
288.8667	-0.0282	0.0351	0.0002	0.0353
288.9	-0.0285	0.0351	0.0002	0.0353
288.9333	-0.0311	0.0219	0.0002	0.0221
288.9667	-0.0275	0.0088	0.0015	0.0103
289	-0.0272	0.0351	0.0015	0.0366
289.0333	-0.0279	0.0219	0.0028	0.0248
289.0667	-0.0272	0.0351	0.0015	0.0366
289.1	-0.0269	0.0088	0.0028	0.0116
289.1333	-0.0265	0.0351	0.0002	0.0353
289.1667	-0.0259	0.0351	0.0015	0.0366
289.2	-0.0252	0.0219	0.0002	0.0221
289.2333	-0.0239	0.0088	0.0002	0.009
289.2667	-0.0255	0.0351	0	0.0351
289.3	-0.0223	0.0351	0.0015	0.0366
289.3333	-0.0265	0.0219	0.0002	0.0221
289.3667	-0.0265	0.0351	0.0028	0.0379
289.4	-0.0223	0.0219	0.0015	0.0235
289.4333	-0.0232	0.0219	0.0015	0.0235
289.4667	-0.0239	0.0088	0.0002	0.009
289.5	-0.0229	0.0351	0.0002	0.0353

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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
289.5333	-0.0269	0.0482	0.0015	0.0497
289.5667	-0.0239	0.0088	0.0015	0.0103
289.6	-0.0239	0.0088	0.0028	0.0116
289.6333	-0.0242	0.0351	0.0015	0.0366
289.6667	-0.0249	0.0351	0.0002	0.0353
289.7	-0.0279	0.0088	0.0015	0.0103
289.7333	-0.0183	0.0219	0.0002	0.0221
289.7667	0.033	0.0088	0.0002	0.009
289.8	0.0834	0.0351	0.0028	0.0379
289.8333	0.1318	0.0088	0.0002	0.009
289.8667	0.1821	0.0351	0.0002	0.0353
289.9	0.2269	0.0088	0.0002	0.009
289.9333	0.2726	0.0219	0.0002	0.0221
289.9667	0.3158	0.0351	0.0015	0.0366
290	0.3592	0.0219	0.8642	0.8861
290.0333	0.4027	0.0219	0.9181	0.94
290.0667	0.4458	0.0351	0.9878	1.0228
290.1	0.4846	0.0219	1.0443	1.0662
290.1333	0.5231	0.0219	1.089	1.1109
290.1667	0.5606	0.0351	1.1456	1.1806
290.2	0.5988	0.0219	1.1903	1.2122
290.2333	0.636	0.0219	1.2402	1.2622
290.2667	0.6732	0.0351	1.2744	1.3095
290.3	0.7101	0.0351	1.3191	1.3542
290.3333	0.7473	0.0351	1.3586	1.3937
290.3667	0.7772	0.0351	1.3941	1.4292
290.4	0.8091	0.0219	1.4191	1.441
290.4333	0.8453	0.0351	1.448	1.4831
290.4667	0.8783	0.0351	1.4782	1.5133
290.5	0.9066	0.0351	1.5019	1.537
290.5333	0.9388	0.0088	1.5216	1.5304
290.5667	0.9698	0.0219	1.5401	1.562
290.6	0.9967	0.0219	1.5624	1.5843
290.6333	1.028	0.0351	1.5795	1.6146
290.6667	1.0695	0.0351	1.6071	1.6422
290.7	1.1103	0.0219	1.64	1.6619
290.7333	1.1531	0.0088	1.6755	1.6843
290.7667	1.1932	0.0219	1.7005	1.7224
290.8	1.2317	0.0088	1.7241	1.7329
290.8333	1.2703	0.0219	1.7452	1.7671
290.8667	1.3074	0.0219	1.7702	1.7921
290.9	1.3456	0.0088	1.786	1.7947
290.9333	1.3835	0.0351	1.8136	1.8486

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290.9667	1.4177	0.0219	1.8293	1.8513
291	1.45	0.0219	1.8425	1.8644
291.0333	1.4881	0.0219	1.8583	1.8802
291.0667	1.5201	0.0351	1.8741	1.9091
291.1	1.5543	0.0351	1.8872	1.9223
291.1333	1.5872	0.0219	1.9043	1.9262
291.1667	1.6168	0.0351	1.9188	1.9538
291.2	1.6491	0.0482	1.9161	1.9644
291.2333	1.6836	0.0351	1.924	1.9591
291.2667	1.7159	0.0219	1.9319	1.9538
291.3	1.7426	0.0351	1.9372	1.9722
291.3333	1.7728	0.0351	1.9451	1.9801
291.3667	1.8048	0.0088	1.949	1.9578
291.4	1.8324	0.0219	1.9556	1.9775
291.4333	1.8578	0.0482	1.9674	2.0156
291.4667	1.8861	0.0351	1.9661	2.0012
291.5	1.914	0.0351	1.9766	2.0117
291.5333	1.9384	0.0219	1.9845	2.0064
291.5667	1.967	0.0351	1.9871	2.0222
291.6	1.993	0.0219	1.9937	2.0156
291.6333	2.0154	0.0088	1.9911	1.9999
291.6667	2.0444	0.0219	1.9977	2.0196
291.7	2.0654	0.0351	1.9924	2.0275
291.7333	2.0914	0.0351	1.9977	2.0327
291.7667	2.1118	0.0351	2.0029	2.038
291.8	2.1388	0.0088	2.0016	2.0104
291.8333	2.1606	0.0351	2.0069	2.0419
291.8667	2.1813	0.0351	2.0069	2.0419
291.9	2.201	0.0351	2.0095	2.0446
291.9333	2.2218	0.0351	2.0121	2.0472
291.9667	2.2438	0.0351	2.0213	2.0564
292	2.2616	0.0351	2.0226	2.0577
292.0333	2.2767	0.0088	2.0345	2.0432
292.0667	2.2988	0.0351	2.0608	2.0958
292.1	2.3159	0.0088	2.0674	2.0761
292.1333	2.3334	0.0219	2.0739	2.0958
292.1667	2.3468	0.0219	2.0831	2.1051
292.2	2.3439	0.0088	2.0726	2.0814
292.2333	2.3432	0.0351	2.0608	2.0958
292.2667	2.3422	0.0219	2.045	2.0669
292.3	2.3393	0.0351	2.0371	2.0722
292.3333	2.3403	0.0088	2.024	2.0327
292.3667	2.3389	0.0351	2.0161	2.0511



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292.4	2.3432	0.0219	2.0082	2.0301
292.4333	2.3488	0.0351	2.0016	2.0367
292.4667	2.3531	0.0088	2.0016	2.0104
292.5	2.3584	0.0088	1.995	2.0038
292.5333	2.3656	0.0219	1.9924	2.0143
292.5667	2.3712	0.0219	1.9885	2.0104
292.6	2.3758	0.0219	1.9845	2.0064
292.6333	2.3827	0.0219	1.9885	2.0104
292.6667	2.3873	0.0219	1.9779	1.9999
292.7	2.3936	0.0219	1.9806	2.0025
292.7333	2.3989	0.0088	1.9819	1.9906
292.7667	2.4028	0.0351	1.9753	2.0104
292.8	2.4061	0.0219	1.9753	1.9972
292.8333	2.4123	0.0088	1.9793	1.988
292.8667	2.4186	0.0351	1.9806	2.0156
292.9	2.4209	0.0088	1.9832	1.992
292.9333	2.4249	0.0351	1.9779	2.013
292.9667	2.4268	0.0088	1.974	1.9828
293	2.4314	0.0219	1.9753	1.9972
293.0333	2.441	0.0088	1.9727	1.9814
293.0667	2.4374	0.0351	1.9766	2.0117
293.1	2.4403	0.0219	1.9727	1.9946
293.1333	2.4436	0.0088	1.9687	1.9775
293.1667	2.4439	0.0219	1.9727	1.9946
293.2	2.442	0.0351	1.974	2.0091
293.2333	2.4449	0.0351	1.97	2.0051
293.2667	2.4456	0.0351	1.9687	2.0038
293.3	2.4472	0.0088	1.97	1.9788
293.3333	2.4472	0.0219	1.9661	1.988
293.3667	2.4486	0.0219	1.9622	1.9841
293.4	2.4453	0.0219	1.953	1.9749
293.4333	2.4456	0.0088	1.9464	1.9551
293.4667	2.4499	0.0219	1.9424	1.9644
293.5	2.4476	0.0219	1.9424	1.9644
293.5333	2.4495	0.0351	1.9477	1.9828
293.5667	2.4482	0.0088	1.953	1.9617
293.6	2.4479	0.0088	1.9503	1.9591
293.6333	2.4439	0.0351	1.9437	1.9788
293.6667	2.4397	0.0219	1.9345	1.9565
293.7	2.4393	0.0351	1.9319	1.967
293.7333	2.4344	0.0088	1.9293	1.9381
293.7667	2.4351	0.0219	1.9253	1.9473
293.8	2.4341	0.0219	1.9148	1.9367



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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
293.8333	2.4295	0.0351	1.9148	1.9499
293.8667	2.4288	0.0219	1.9056	1.9275
293.9	2.4272	0.0351	1.9082	1.9433
293.9333	2.4249	0.0219	1.8964	1.9183
293.9667	2.4229	0.0088	1.9043	1.9131
294	2.4245	0.0482	1.8859	1.9341
294.0333	2.4189	0.0219	1.8819	1.9039
294.0667	2.4219	0.0351	1.8819	1.917
294.1	2.4193	0.0219	1.8819	1.9039
294.1333	2.4173	0.0219	1.8688	1.8907
294.1667	2.4176	0.0351	1.8767	1.9118
294.2	2.4166	0.0351	1.8727	1.9078
294.2333	2.4166	0.0351	1.8688	1.9039
294.2667	2.416	0.0219	1.8662	1.8881
294.3	2.4123	0.0351	1.8596	1.8947
294.3333	2.4153	0.0219	1.8517	1.8736
294.3667	2.412	0.0219	1.8451	1.867
294.4	2.413	0.0219	1.8464	1.8684
294.4333	2.412	0.0219	1.8412	1.8631
294.4667	2.41	0.0219	1.8438	1.8657
294.5	2.412	0.0088	1.8333	1.8421
294.5333	2.4114	0.0351	1.8386	1.8736
294.5667	2.4094	0.0351	1.8412	1.8762
294.6	2.4097	0.0351	1.832	1.867
294.6333	2.4074	0.0219	1.8386	1.8605
294.6667	2.4061	0.0351	1.8215	1.8565
294.7	2.411	0.0351	1.8267	1.8618
294.7333	2.4068	0.0219	1.8241	1.846
294.7667	2.4068	0.0351	1.8267	1.8618
294.8	2.4081	0	1.8241	1.8241
294.8333	2.41	0.0351	1.8201	1.8552
294.8667	2.4094	0.0219	1.8188	1.8407
294.9	2.41	0.0351	1.8201	1.8552
294.9333	2.41	0.0219	1.8201	1.8421
294.9667	2.4074	0.0219	1.8162	1.8381
295	2.4087	0.0088	1.8162	1.825
295.0333	2.414	0.0219	1.8188	1.8407
295.0667	2.4156	0.0219	1.8228	1.8447
295.1	2.4176	0.0088	1.8215	1.8302
295.1333	2.4239	0.0351	1.8254	1.8605
295.1667	2.4232	0.0219	1.8346	1.8565
295.2	2.4262	0.0351	1.8333	1.8684
295.2333	2.4301	0.0351	1.8346	1.8697

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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
295.2667	2.4308	0.0219	1.8399	1.8618
295.3	2.4331	0.0219	1.8333	1.8552
295.3333	2.4318	0.0482	1.8307	1.8789
295.3667	2.4304	0.0088	1.8307	1.8394
295.4	2.4295	0.0219	1.8307	1.8526
295.4333	2.4295	0.0614	1.8333	1.8947
295.4667	2.4314	0.0482	1.8293	1.8776
295.5	2.4291	0.0219	1.8307	1.8526
295.5333	2.4249	0.0219	1.8254	1.8473
295.5667	2.4275	0.0351	1.8201	1.8552
295.6	2.4285	0.0351	1.8307	1.8657
295.6333	2.4324	0.0351	1.8188	1.8539
295.6667	2.4301	0.0219	1.8175	1.8394
295.7	2.4301	0.0219	1.8175	1.8394
295.7333	2.4304	0.0482	1.8109	1.8592
295.7667	2.4288	0.0219	1.8136	1.8355
295.8	2.4275	0.0482	1.8188	1.867
295.8333	2.4291	0.0351	1.8136	1.8486
295.8667	2.4291	0.0219	1.8149	1.8368
295.9	2.4265	0.0219	1.803	1.825
295.9333	2.4301	0.0088	1.8096	1.8184
295.9667	2.4272	0.0351	1.8004	1.8355
296	2.4258	0.0088	1.807	1.8158
296.0333	2.4298	0.0219	1.807	1.8289
296.0667	2.4258	0	1.803	1.803
296.1	2.4278	0.0219	1.8004	1.8223
296.1333	2.4235	0.0351	1.7925	1.8276
296.1667	2.4258	0.0088	1.7965	1.8052
296.2	2.4249	0.0219	1.7873	1.8092
296.2333	2.4262	0.0219	1.7912	1.8131
296.2667	2.4285	0.0088	1.7873	1.796
296.3	2.4242	0.0088	1.7886	1.7973
296.3333	2.4249	0.0351	1.786	1.821
296.3667	2.4268	0.0351	1.7846	1.8197
296.4	2.4272	0.0088	1.7794	1.7881
296.4333	2.4245	0.0219	1.782	1.8039
296.4667	2.4252	0.0219	1.786	1.8079
296.5	2.4225	0.0482	1.7807	1.8289
296.5333	2.4239	0.0219	1.782	1.8039
296.5667	2.4258	0.0219	1.7754	1.7973
296.6	2.4285	0.0219	1.782	1.8039
296.6333	2.4255	0.0219	1.786	1.8079
296.6667	2.4249	0.0219	1.7886	1.8105

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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
296.7	2.4245	0.0482	1.782	1.8302
296.7333	2.4255	0.0351	1.7781	1.8131
296.7667	2.4252	0.0219	1.7833	1.8052
296.8	2.4272	0.0351	1.7807	1.8158
296.8333	2.4239	0.0351	1.786	1.821
296.8667	2.4232	0.0351	1.7767	1.8118
296.9	2.4239	0.0219	1.7781	1.8
296.9333	2.4249	0.0351	1.7781	1.8131
296.9667	2.4255	0.0351	1.7715	1.8066
297	2.4265	0.0351	1.7702	1.8052
297.0333	2.4262	0.0219	1.7754	1.7973
297.0667	2.4229	0.0351	1.7715	1.8066
297.1	2.4245	0.0088	1.7715	1.7803
297.1333	2.4229	0.0219	1.7715	1.7934
297.1667	2.4262	0.0219	1.7715	1.7934
297.2	2.4245	0	1.7715	1.7715
297.2333	2.4245	0.0219	1.7728	1.7947
297.2667	2.4235	0.0088	1.7702	1.7789
297.3	2.4232	0.0219	1.7781	1.8
297.3333	2.4232	0.0219	1.7715	1.7934
297.3667	2.4232	0.0219	1.7689	1.7908
297.4	2.4232	0.0219	1.7728	1.7947
297.4333	2.4232	0.0088	1.7794	1.7881
297.4667	2.4229	0.0219	1.7715	1.7934
297.5	2.4245	0.0219	1.7807	1.8026
297.5333	2.4265	0.0351	1.7807	1.8158
297.5667	2.4219	0.0219	1.7767	1.7987
297.6	2.4255	0.0219	1.7702	1.7921
297.6333	2.4232	0.0219	1.7702	1.7921
297.6667	2.4258	0.0219	1.7689	1.7908
297.7	2.4235	0.0219	1.7623	1.7842
297.7333	2.4209	0.0088	1.7636	1.7724
297.7667	2.4235	0.0351	1.7597	1.7947
297.8	2.4245	0.0351	1.7636	1.7987
297.8333	2.4232	0.0219	1.7662	1.7881
297.8667	2.4239	0.0351	1.7675	1.8026
297.9	2.4219	0.0088	1.7675	1.7763
297.9333	2.4212	0.0219	1.7623	1.7842
297.9667	2.3692	0.0351	1.5992	1.6343
298	2.305	7.6751	1.2679	8.9429
298.0333	2.2481	6.6099	1.0877	7.6976
298.0667	2.1862	5.6763	0.9194	6.5957
298.1	2.1273	4.9399	0.7761	5.716

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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
298.1333	2.0694	4.2561	0.6446	4.9007
298.1667	2.0151	3.6381	0.5209	4.159
298.2	1.9624	3.0464	0.4184	3.4647
298.2333	1.9098	0.0351	0.3316	0.3667
298.2667	1.8574	0	0.0002	0.0002
298.3	1.8044	0.0351	0.0002	0.0353
298.3333	1.7567	0.0351	0.0015	0.0366
298.3667	1.7119	0.0219	0.0028	0.0248
298.4	1.6609	0.0219	0.0015	0.0235
298.4333	1.6198	0.0351	0.0002	0.0353
298.4667	1.5767	0.0351	0.0002	0.0353
298.5	1.5309	0.0088	0.0028	0.0116
298.5333	1.4895	0.0219	0.0015	0.0235
298.5667	1.4496	0.0219	0.0015	0.0235
298.6	1.4088	0.0219	0.0028	0.0248
298.6333	1.37	0.0219	0.0002	0.0221
298.6667	1.3295	0.0351	0.0015	0.0366
298.7	1.2953	0.0351	0.0002	0.0353
298.7333	1.26	0.0219	0.0002	0.0221
298.7667	1.2252	0.0351	0.0028	0.0379
298.8	1.1883	0.0088	0.0015	0.0103
298.8333	1.1554	0.0219	0.0015	0.0235
298.8667	1.1231	0.0482	0.0015	0.0497
298.9	1.0935	0.0351	0.0015	0.0366
298.9333	1.0609	0.0219	0.0015	0.0235
298.9667	1.0316	0.0219	0.0015	0.0235
299	1.0017	0.0351	0.0015	0.0366
299.0333	0.9711	0.0219	0.0015	0.0235
299.0667	0.9434	0.0351	0.0002	0.0353
299.1	0.9184	0.0219	0.0015	0.0235
299.1333	0.8921	0.0351	0.0015	0.0366
299.1667	0.8644	0.0219	0.0002	0.0221
299.2	0.8391	0.0219	0.0002	0.0221
299.2333	0.8131	0.0219	0.0015	0.0235
299.2667	0.79	0.0351	0.0002	0.0353
299.3	0.766	0.0351	0	0.0351
299.3333	0.7417	0.0351	0.0015	0.0366
299.3667	0.7176	0.0219	0.0028	0.0248
299.4	0.6959	0.0088	0.0028	0.0116
299.4333	0.6729	0.0219	0.0015	0.0235
299.4667	0.6528	0.0219	0.0002	0.0221
299.5	0.633	0.0351	0.0002	0.0353
299.5333	0.6097	0.0351	0.0015	0.0366

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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
299.5667	0.5929	0.0088	0.0002	0.009
299.6	0.5712	0.0219	0.0002	0.0221
299.6333	0.5521	0.0219	0.0015	0.0235
299.6667	0.536	0.0351	0.0015	0.0366
299.7	0.5165	0.0088	0.0015	0.0103
299.7333	0.4978	0.0219	0.0015	0.0235
299.7667	0.48	0.0088	0.0002	0.009
299.8	0.4609	0.0351	0.0015	0.0366
299.8333	0.4448	0.0219	0.0028	0.0248
299.8667	0.4293	0.0219	0.0028	0.0248
299.9	0.4142	0.0219	0.0015	0.0235
299.9333	0.3977	0.0351	0.0002	0.0353
299.9667	0.3832	0.0088	0.0015	0.0103
300	0.3701	0.0351	0.0015	0.0366
300.0333	0.3523	0.0351	0.0015	0.0366
300.0667	0.3381	0.0219	0.0015	0.0235
300.1	0.3253	0.0351	0.0015	0.0366
300.1333	0.3125	0.0219	0.0015	0.0235
300.1667	0.3033	0.0219	0.0015	0.0235
300.2	-0.0147	0.0088	0.0028	0.0116
300.2333	-0.0176	0.0351	0.0015	0.0366
300.2667	-0.0153	0.0088	0.0042	0.0129
300.3	-0.0219	0.0219	0.0028	0.0248
300.3333	-0.0193	0.0351	0.0028	0.0379
300.3667	-0.0186	0.0351	0.0015	0.0366
300.4	0.0149	0.0219	0.0015	0.0235
300.4333	0.1048	0.0088	0.0015	0.0103
300.4667	-0.3859	0.0219	0.0002	0.0221
300.5	-0.3843	25.1247	8.0413	33.166
300.5333	-0.3616	29.1749	9.0354	38.2103
300.5667	-0.3415	27.2024	8.0807	35.2831
300.6	-0.3198	25.6507	7.3365	32.9872
300.6333	-0.3047	24.3884	6.7487	31.137
300.6667	-0.2852	23.2443	6.2924	29.5367
300.7	-0.2684	22.2713	5.8729	28.1441
300.7333	-0.2553	21.3376	5.506	26.8436
300.7667	-0.2418	20.4829	5.1865	25.6694
300.8	-0.2253	19.6019	4.8853	24.4872
300.8333	-0.2145	18.8129	4.6145	23.4273
300.8667	-0.2006	18.0502	4.362	22.4122
300.9	-0.1862	17.327	4.1161	21.443
300.9333	-0.1789	16.6037	3.8886	20.4923
300.9667	-0.172	15.9594	3.6729	19.6323



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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
301	-0.1585	15.1967	3.4625	18.6592
301.0333	-0.1526	14.605	3.2719	17.8768
301.0667	-0.1407	13.908	3.0825	16.9905
301.1	-0.1351	13.29	2.9024	16.1924
301.1333	-0.1266	12.764	2.7459	15.5099
301.1667	-0.1187	12.1591	2.5841	14.7433
301.2	-0.1124	11.6463	2.4408	14.0871
301.2333	-0.1082	11.094	2.3027	13.3967
301.2667	-0.0993	10.6206	2.1752	12.7958
301.3	-0.0966	10.1341	2.0516	12.1856
301.3333	-0.092	9.6607	1.9398	11.6005
301.3667	-0.0881	9.2399	1.8267	11.0666
301.4	-0.0848	8.7928	1.7268	10.5196
301.4333	-0.0808	8.4114	1.6334	10.0449
301.4667	-0.0743	8.0827	1.5453	9.628
301.5	-0.0733	7.754	1.4625	9.2164
301.5333	-0.071	7.3989	1.3915	8.7904
301.5667	-0.0654	7.0965	1.3099	8.4064
301.6	-0.0673	6.8335	1.2416	8.075
301.6333	-0.0624	6.5047	1.1679	7.6726
301.6667	-0.0588	6.3206	1.1166	7.4373
301.7	-0.0578	6.0576	1.0614	7.119
301.7333	-0.0512	5.8209	1.0088	6.8297
301.7667	-0.0515	5.5974	0.9562	6.5536
301.8	-0.0522	5.3213	0.9115	6.2328
301.8333	-0.0463	5.1372	0.8655	6.0026
301.8667	-0.0489	5.0057	0.8181	5.8238
301.9	-0.0433	4.7953	0.7839	5.5792
301.9333	-0.045	4.6112	0.7445	5.3557
301.9667	-0.0456	4.4534	0.7064	5.1597
302	-0.04	4.2561	0.6682	4.9244
302.0333	-0.04	4.0852	0.6367	4.7218
302.0667	-0.04	3.8879	0.6025	4.4904
302.1	-0.0397	3.8353	0.5841	4.4194
302.1333	-0.0404	3.6775	0.5591	4.2366
302.1667	-0.0384	3.5197	0.5315	4.0512
302.2	-0.0344	3.4671	0.5117	3.9789
302.2333	-0.0358	3.3488	0.492	3.8408
302.2667	-0.0348	3.2042	0.467	3.6712
302.3	-0.0334	3.0858	0.4447	3.5305
302.3333	-0.0321	0.0219	0.4328	0.4548
302.3667	-0.0341	0.0088	0.4144	0.4232
302.4	-0.0318	0.0219	0.3947	0.4166



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302.4333	-0.0298	0.0219	0.3802	0.4022
302.4667	-0.0315	0.0219	0.3671	0.389
302.5	-0.0308	0.0351	0.3487	0.3838
302.5333	-0.0308	0.0219	0.3382	0.3601
302.5667	-0.0295	0.0219	0.329	0.3509
302.6	-0.0305	0.0219	0.3198	0.3417
302.6333	-0.0325	0.0219	0.3066	0.3285
302.6667	-0.0288	0.0351	0.0002	0.0353
302.7	-0.0285	0.0219	0.0028	0.0248
302.7333	-0.0302	0.0219	0.0015	0.0235
302.7667	-0.0298	0.0088	0.0015	0.0103
302.8	-0.0288	0.0219	0.0015	0.0235
302.8333	-0.0269	0.0219	0.0028	0.0248
302.8667	-0.0262	0.0351	0.0028	0.0379
302.9	-0.0279	0.0219	0.0015	0.0235
302.9333	-0.0275	0.0219	0.0015	0.0235
302.9667	-0.0242	0.0088	0.0002	0.009
303	-0.0272	0.0219	0.0002	0.0221
303.0333	-0.0269	0.0088	0.0015	0.0103
303.0667	-0.0255	0.0219	0.0002	0.0221
303.1	-0.0269	0.0219	0	0.0219
303.1333	-0.0269	0.0219	0.0028	0.0248
303.1667	-0.0249	0.0351	0.0002	0.0353
303.2	-0.0252	0.0219	0.0002	0.0221
303.2333	-0.0249	0.0219	0.0002	0.0221
303.2667	-0.0249	0.0351	0.0015	0.0366
303.3	-0.0246	0	0.0015	0.0015
303.3333	-0.0242	0.0219	0.0015	0.0235
303.3667	-0.0229	0.0351	0.0015	0.0366
303.4	-0.0236	0.0088	0.0002	0.009
303.4333	-0.0246	0.0219	0.0015	0.0235
303.4667	-0.0252	0.0219	0.0015	0.0235
303.5	-0.0252	0.0351	0.0028	0.0379
303.5333	-0.0229	0.0219	0.0002	0.0221
303.5667	-0.0229	0.0482	0.0002	0.0484
303.6	-0.0246	0.0351	0.0015	0.0366
303.6333	-0.0223	0.0088	0.0015	0.0103
303.6667	-0.0223	0.0219	0.0015	0.0235
303.7	-0.02	0.0219	0.0015	0.0235
303.7333	-0.0216	0.0351	0.0002	0.0353
303.7667	-0.0216	0.0219	0.0015	0.0235
303.8	-0.0239	0.0219	0.0002	0.0221
303.8333	-0.0229	0.0219	0.0015	0.0235

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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
303.8667	-0.0223	0.0219	0.0015	0.0235
303.9	-0.0229	0.0088	0.0015	0.0103
303.9333	-0.0249	0.0219	0.0015	0.0235
303.9667	-0.0229	0.0351	0.0002	0.0353
304	-0.0213	0.0219	0.0028	0.0248
304.0333	-0.0226	0.0219	0.0002	0.0221
304.0667	-0.02	0.0219	0.0028	0.0248
304.1	-0.0239	0.0351	0.0002	0.0353
304.1333	-0.0213	0.0088	0.0015	0.0103
304.1667	-0.0216	0.0219	0.0015	0.0235
304.2	-0.0232	0.0219	0.0015	0.0235
304.2333	-0.0213	0.0219	0.0015	0.0235
304.2667	-0.0236	0.0351	0.0015	0.0366
304.3	-0.0219	0.0219	0.0015	0.0235
304.3333	-0.0223	0.0351	0.0028	0.0379
304.3667	-0.0236	0.0219	0.0002	0.0221
304.4	-0.0219	0.0351	0.0002	0.0353
304.4333	-0.0219	0.0351	0.0015	0.0366
304.4667	-0.0229	0.0219	0.0015	0.0235
304.5	-0.02	0.0219	0.0015	0.0235
304.5333	-0.0219	0.0088	0.0015	0.0103
304.5667	-0.0203	0.0351	0	0.0351
304.6	-0.0226	0.0088	0.0015	0.0103
304.6333	-0.0232	0.0088	0.0028	0.0116
304.6667	-0.0209	0.0219	0.0015	0.0235
304.7	-0.0223	0.0088	0.0002	0.009
304.7333	-0.0203	0.0219	0.0015	0.0235
304.7667	-0.0209	0.0351	0.0015	0.0366
304.8	-0.0219	0	0.0015	0.0015
304.8333	-0.0216	0	0	0
304.8667	-0.019	0.0219	0.0015	0.0235
304.9	-0.0223	0.0219	0.0002	0.0221
304.9333	-0.0229	0.0219	0.0002	0.0221
304.9667	-0.0226	0.0088	0.0028	0.0116
305	-0.0226	0.0219	0.0002	0.0221
305.0333	-0.0196	0.0219	0.0015	0.0235
305.0667	-0.0163	0.0219	0.0015	0.0235
305.1	-0.0203	0.0219	0.0015	0.0235
305.1333	-0.0206	0.0351	0.0015	0.0366
305.1667	-0.0173	0.0219	0.0028	0.0248
305.2	-0.0203	0.0351	0.0002	0.0353
305.2333	-0.0173	0.0219	0.0015	0.0235
305.2667	-0.016	0.0351	0.0015	0.0366

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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
305.3	-0.0219	0.0351	0.0015	0.0366
305.3333	-0.0193	0.0219	0.0002	0.0221
305.3667	-0.0186	0.0351	0.0002	0.0353
305.4	-0.0196	0.0219	0.0015	0.0235
305.4333	-0.0193	0.0219	0.0015	0.0235
305.4667	-0.019	0.0219	0.0015	0.0235
305.5	-0.018	0.0219	0.0028	0.0248
305.5333	-0.02	0.0219	0.0015	0.0235
305.5667	-0.0206	0.0351	0.0002	0.0353
305.6	-0.0183	0.0219	0.0002	0.0221
305.6333	-0.0183	0.0351	0.0002	0.0353
305.6667	-0.0183	0.0219	0.0015	0.0235
305.7	-0.018	0.0219	0.0002	0.0221
305.7333	-0.0213	0.0351	0.0028	0.0379
305.7667	-0.0223	0.0088	0.0002	0.009
305.8	-0.0206	0.0351	0.0002	0.0353
305.8333	-0.0216	0.0088	0.0015	0.0103
305.8667	-0.0196	0.0088	0.0028	0.0116
305.9	-0.0183	0.0088	0.0002	0.009
305.9333	-0.018	0.0219	0.0015	0.0235
305.9667	0.0024	0.0219	0.0028	0.0248
306	0.0469	0.0219	0.0015	0.0235
306.0333	0.0943	0.0219	0.0015	0.0235
306.0667	0.137	0.0351	0.0015	0.0366
306.1	0.1782	0.0219	0.0015	0.0235
306.1333	0.2187	0.0351	0.0002	0.0353
306.1667	0.2615	0.0088	0.0028	0.0116
306.2	0.2973	0.0351	0.0002	0.0353
306.2333	0.3352	0.0351	0.826	0.8611
306.2667	0.373	0.0351	0.8997	0.9347
306.3	0.4129	0.0351	0.9746	1.0097
306.3333	0.4471	0.0219	1.0351	1.057
306.3667	0.4803	0.0482	1.0982	1.1464
306.4	0.5146	0.0219	1.1587	1.1806
306.4333	0.5514	0.0219	1.2166	1.2385
306.4667	0.5847	0.0219	1.2757	1.2977
306.5	0.6159	0.0351	1.331	1.366
306.5333	0.6475	0.0219	1.3849	1.4068
306.5667	0.6791	0	1.4375	1.4375
306.6	0.7087	0.0219	1.5085	1.5304
306.6333	0.7397	0	1.5493	1.5493
306.6667	0.771	0.0351	1.594	1.629
306.7	0.8006	0.0219	1.6242	1.6461

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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
306.7333	0.8266	0.0219	1.6584	1.6803
306.7667	0.8569	0.0351	1.7163	1.7513
306.8	0.8832	0.0219	1.7504	1.7724
306.8333	0.9108	0.0219	1.7728	1.7947
306.8667	0.9382	0.0088	1.8083	1.8171
306.9	0.9655	0.0219	1.8359	1.8578
306.9333	0.9918	0.0088	1.853	1.8618
306.9667	1.0175	0.0219	1.8833	1.9052
307	1.0405	0.0088	1.9056	1.9144
307.0333	1.0675	0.0219	1.9188	1.9407
307.0667	1.0899	0.0219	1.9345	1.9565
307.1	1.1146	0	1.9582	1.9582
307.1333	1.1406	0.0219	1.974	1.9959
307.1667	1.1643	0.0219	1.9806	2.0025
307.2	1.188	0.0219	2.0121	2.034
307.2333	1.2087	0.0351	2.0292	2.0643
307.2667	1.2337	0.0088	2.0397	2.0485
307.3	1.2521	0.0351	2.0503	2.0853
307.3333	1.2768	0.0219	2.0582	2.0801
307.3667	1.2949	0.0088	2.0726	2.0814
307.4	1.3163	0.0088	2.0752	2.084
307.4333	1.34	0.0351	2.091	2.1261
307.4667	1.3608	0.0219	2.0937	2.1156
307.5	1.3825	0.0351	2.1081	2.1432
307.5333	1.3993	0.0088	2.1226	2.1314
307.5667	1.42	0.0219	2.1278	2.1498
307.6	1.4391	0.0219	2.1344	2.1563
307.6333	1.4562	0.0219	2.1463	2.1682
307.6667	1.4773	0.0088	2.1515	2.1603
307.7	1.495	0.0219	2.1581	2.18
307.7333	1.5145	0.0088	2.1647	2.1734
307.7667	1.5283	0.0351	2.1699	2.205
307.8	1.5477	0.0351	2.1818	2.2168
307.8333	1.5638	0.0351	2.1818	2.2168
307.8667	1.58	0.0219	2.1883	2.2103
307.9	1.5984	0.0219	2.1896	2.2116
307.9333	1.6172	0.0219	2.1936	2.2155
307.9667	1.629	0.0219	2.1949	2.2168
308	1.6438	0.0351	2.2041	2.2392
308.0333	1.6622	0.0351	2.2133	2.2484
308.0667	1.6771	0.0219	2.2199	2.2418
308.1	1.6889	0.0351	2.2146	2.2497
308.1333	1.707	0.0219	2.2304	2.2523

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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
308.1667	1.7208	0.0351	2.237	2.2721
308.2	1.735	0.0088	2.2396	2.2484
308.2333	1.7478	0.0219	2.2501	2.2721
308.2667	1.7626	0.0351	2.2475	2.2826
308.3	1.7761	0.0219	2.2528	2.2747
308.3333	1.7876	0.0219	2.262	2.2839
308.3667	1.8015	0.0088	2.2685	2.2773
308.4	1.8123	0.0351	2.2791	2.3141
308.4333	1.8281	0.0351	2.2817	2.3168
308.4667	1.837	0.0219	2.2843	2.3062
308.5	1.8489	0.0219	2.2975	2.3194
308.5333	1.8601	0.0351	2.3041	2.3391
308.5667	1.8719	0.0482	2.3014	2.3496
308.6	1.8857	0.0219	2.3251	2.347
308.6333	1.893	0.0219	2.3185	2.3404
308.6667	1.9048	0.0219	2.329	2.351
308.7	1.917	0.0219	2.333	2.3549
308.7333	1.9265	0.0219	2.3396	2.3615
308.7667	1.9341	0.0219	2.3488	2.3707
308.8	1.9489	0.0088	2.3422	2.351
308.8333	1.9568	0.0351	2.3501	2.3851
308.8667	1.967	0.0219	2.3593	2.3812
308.9	1.9736	0.0219	2.3645	2.3865
308.9333	1.9848	0.0088	2.3632	2.372
308.9667	1.9934	0.0351	2.3711	2.4062
309	2.0029	0.0219	2.379	2.4009
309.0333	2.0095	0.0219	2.3777	2.3996
309.0667	2.0197	0.0219	2.3974	2.4193
309.1	2.0299	0.0219	2.4027	2.4246
309.1333	2.0388	0.0219	2.3974	2.4193
309.1667	2.0477	0.0351	2.4079	2.443
309.2	2.0533	0.0351	2.4132	2.4483
309.2333	2.0595	0.0219	2.4237	2.4456
309.2667	2.0694	0.0219	2.4185	2.4404
309.3	2.075	0.0351	2.4237	2.4588
309.3333	2.0822	0.0219	2.4342	2.4561
309.3667	2.0918	0.0219	2.4395	2.4614
309.4	2.0957	0.0219	2.4408	2.4627
309.4333	2.1069	0.0219	2.4526	2.4746
309.4667	2.1118	0.0351	2.4592	2.4943
309.5	2.1168	0.0351	2.4553	2.4903
309.5333	2.1217	0.0219	2.4618	2.4838
309.5667	2.1306	0.0351	2.4724	2.5074



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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
309.6	2.1349	0.0482	2.4724	2.5206
309.6333	2.1434	0.0219	2.4776	2.4995
309.6667	2.1428	0.0219	2.475	2.4969
309.7	2.152	0.0219	2.4816	2.5035
309.7333	2.1592	0.0219	2.4921	2.514
309.7667	2.1665	0.0219	2.4895	2.5114
309.8	2.1701	0.0482	2.4855	2.5337
309.8333	2.1747	0.0351	2.496	2.5311
309.8667	2.1803	0.0219	2.4921	2.514
309.9	2.1829	0.0351	2.4974	2.5324
309.9333	2.1862	0.0351	2.5039	2.539
309.9667	2.1905	0.0088	2.5105	2.5193
310	2.1981	0.0482	2.5066	2.5548
310.0333	2.201	0.0482	2.5013	2.5495
310.0667	2.206	0.0219	2.5144	2.5364
310.1	2.2119	0.0219	2.5197	2.5416
310.1333	2.2149	0.0351	2.5197	2.5548
310.1667	2.2182	0.0219	2.5263	2.5482
310.2	2.2218	0.0219	2.5263	2.5482
310.2333	2.227	0.0351	2.5302	2.5653
310.2667	2.2284	0.0219	2.5302	2.5521
310.3	2.2349	0.0219	2.5342	2.5561
310.3333	2.2386	0.0088	2.5407	2.5495
310.3667	2.2425	0.0351	2.546	2.5811
310.4	2.2419	0.0219	2.5486	2.5706
310.4333	2.2478	0.0088	2.5552	2.564
310.4667	2.2517	0.0219	2.5578	2.5798
310.5	2.2521	0.0088	2.5605	2.5692
310.5333	2.2544	0.0088	2.5605	2.5692
310.5667	2.256	0.0351	2.5631	2.5982
310.6	2.2616	0.0088	2.5657	2.5745
310.6333	2.2626	0.0088	2.567	2.5758
310.6667	2.2665	0.0351	2.5763	2.6113
310.7	2.2682	0.0219	2.5789	2.6008
310.7333	2.2721	0.0088	2.5815	2.5903
310.7667	2.2754	0.0219	2.5855	2.6074
310.8	2.2771	0.0219	2.5855	2.6074
310.8333	2.28	0.0219	2.5933	2.6153
310.8667	2.2823	0.0088	2.5894	2.5982
310.9	2.2833	0.0351	2.5881	2.6232
310.9333	2.2883	0.0219	2.5868	2.6087
310.9667	2.2896	0.0351	2.596	2.631
311	2.2906	0.0088	2.5999	2.6087



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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
311.0333	2.2942	0.0351	2.596	2.631
311.0667	2.2925	0.0219	2.6078	2.6297
311.1	2.2958	0.0219	2.6131	2.635
311.1333	2.2998	0.0351	2.6065	2.6416
311.1667	2.3008	0.0351	2.6078	2.6429
311.2	2.3047	0.0351	2.6078	2.6429
311.2333	2.3031	0.0219	2.6144	2.6363
311.2667	2.3047	0.0351	2.617	2.6521
311.3	2.309	0.0219	2.6144	2.6363
311.3333	2.308	0.0088	2.6144	2.6232
311.3667	2.309	0.0219	2.6144	2.6363
311.4	2.3093	0.0351	2.6196	2.6547
311.4333	2.3136	0.0219	2.6196	2.6416
311.4667	2.3133	0.0219	2.6157	2.6376
311.5	2.3156	0.0088	2.6196	2.6284
311.5333	2.3146	0.0219	2.6183	2.6402
311.5667	2.3195	0.0219	2.6262	2.6481
311.6	2.3222	0.0088	2.6262	2.635
311.6333	2.3228	0.0219	2.6249	2.6468
311.6667	2.3245	0.0351	2.6288	2.6639
311.7	2.3264	0.0351	2.6315	2.6665
311.7333	2.3268	0.0219	2.6367	2.6587
311.7667	2.3258	0.0482	2.6394	2.6876
311.8	2.3297	0.0482	2.6407	2.6889
311.8333	2.3274	0.0219	2.6367	2.6587
311.8667	2.332	0.0482	2.6367	2.685
311.9	2.3304	0.0219	2.6407	2.6626
311.9333	2.3304	0.0219	2.6407	2.6626
311.9667	2.3324	0.0219	2.6407	2.6626
312	2.3317	0.0351	2.6407	2.6758
312.0333	2.334	0.0088	2.6381	2.6468
312.0667	2.3366	0.0351	2.6473	2.6823
312.1	2.3422	0.0351	2.6473	2.6823
312.1333	2.3429	0.0219	2.6433	2.6652
312.1667	2.3445	0.0351	2.6499	2.685
312.2	2.3501	0.0219	2.6538	2.6758
312.2333	2.3508	0.0351	2.6551	2.6902
312.2667	2.3511	0.0219	2.6565	2.6784
312.3	2.3531	0.0219	2.6565	2.6784
312.3333	2.3561	0.0351	2.6657	2.7007
312.3667	2.36	0.0351	2.6644	2.6994
312.4	2.3636	0.0351	2.6696	2.7047
312.4333	2.3633	0.0219	2.6722	2.6942

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312.4667	2.3699	0.0351	2.6788	2.7139
312.5	2.3699	0.0219	2.6814	2.7034
312.5333	2.3758	0.0351	2.6814	2.7165
312.5667	2.3775	0.0351	2.688	2.7231
312.6	2.3807	0.0219	2.6985	2.7205
312.6333	2.3863	0.0219	2.7038	2.7257
312.6667	2.39	0.0351	2.7064	2.7415
312.7	2.3923	0.0088	2.7064	2.7152
312.7333	2.3975	0.0219	2.717	2.7389
312.7667	2.4008	0.0351	2.7196	2.7546
312.8	2.4035	0.0219	2.7209	2.7428
312.8333	2.4064	0.0219	2.7275	2.7494
312.8667	2.4094	0.0351	2.7275	2.7625
312.9	2.4097	0.0351	2.7327	2.7678
312.9333	2.416	0.0351	2.7354	2.7704
312.9667	2.4199	0.0351	2.7433	2.7783
313	2.4173	0.0351	2.7472	2.7823
313.0333	2.4235	0.0219	2.7459	2.7678
313.0667	2.4245	0.0351	2.7498	2.7849
313.1	2.4275	0.0351	2.7656	2.8007
313.1333	2.4288	0.0219	2.7643	2.7862
313.1667	2.4334	0.0351	2.7709	2.8059
313.2	2.4341	0.0219	2.7735	2.7954
313.2333	2.4337	0.0351	2.7774	2.8125
313.2667	2.4364	0.0219	2.7748	2.7967
313.3	2.4383	0.0219	2.784	2.8059
313.3333	2.4393	0.0219	2.784	2.8059
313.3667	2.4403	0.0219	2.7866	2.8086
313.4	2.443	0.0219	2.7827	2.8046
313.4333	2.4472	0.0219	2.7906	2.8125
313.4667	2.4486	0.0219	2.7945	2.8165
313.5	2.4502	0.0088	2.7985	2.8072
313.5333	2.4518	0.0351	2.8077	2.8428
313.5667	2.4525	0.0351	2.809	2.8441
313.6	2.4522	0.0219	2.8077	2.8296
313.6333	2.4469	0.0088	2.8064	2.8151
313.6667	2.4472	0.0219	2.8037	2.8257
313.7	2.4439	0.0351	2.7959	2.8309
313.7333	2.4446	0.0351	2.7893	2.8243
313.7667	2.441	0.0219	2.7801	2.802
313.8	2.4383	0.0482	2.7761	2.8243
313.8333	2.437	0.0219	2.7735	2.7954
313.8667	2.4344	0.0219	2.7722	2.7941

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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
313.9	2.4341	0.0219	2.7603	2.7823
313.9333	2.4324	0.0219	2.7682	2.7902
313.9667	2.4301	0.0351	2.7669	2.802
314	2.4308	0.0219	2.7643	2.7862
314.0333	2.4278	0.0219	2.7669	2.7888
314.0667	2.4278	0.0351	2.7643	2.7994
314.1	2.4278	0.0088	2.7656	2.7744
314.1333	2.4272	0.0351	2.7525	2.7875
314.1667	2.4232	0.0219	2.7498	2.7717
314.2	2.4239	0.0219	2.7472	2.7691
314.2333	2.4242	0.0088	2.7472	2.756
314.2667	2.4193	0.0351	2.7525	2.7875
314.3	2.4189	0.0219	2.7538	2.7757
314.3333	2.4189	0.0351	2.7459	2.7809
314.3667	2.4173	0.0219	2.7433	2.7652
314.4	2.4183	0.0219	2.7459	2.7678
314.4333	2.4176	0.0088	2.7459	2.7546
314.4667	2.4166	0.0219	2.7367	2.7586
314.5	2.4166	0.0219	2.7459	2.7678
314.5333	2.415	0.0088	2.7459	2.7546
314.5667	2.417	0.0219	2.7406	2.7625
314.6	2.4143	0.0219	2.7433	2.7652
314.6333	2.4163	0.0088	2.7393	2.7481
314.6667	2.4156	0.0219	2.7367	2.7586
314.7	2.4143	0.0219	2.7433	2.7652
314.7333	2.4133	0.0219	2.7354	2.7573
314.7667	2.4114	0.0219	2.7367	2.7586
314.8	2.4153	0.0219	2.7354	2.7573
314.8333	2.4143	0.0351	2.734	2.7691
314.8667	2.4156	0.0219	2.7406	2.7625
314.9	2.4143	0.0351	2.7419	2.777
314.9333	2.416	0.0219	2.7406	2.7625
314.9667	2.4166	0.0351	2.734	2.7691
315	2.4176	0.0351	2.7314	2.7665
315.0333	2.4179	0.0351	2.7327	2.7678
315.0667	2.4193	0.0482	2.7288	2.777
315.1	2.415	0.0219	2.7327	2.7546
315.1333	2.416	0.0219	2.7393	2.7612
315.1667	2.4166	0.0088	2.7354	2.7441
315.2	2.4156	0.0351	2.7275	2.7625
315.2333	2.4199	0.0219	2.7288	2.7507
315.2667	2.4206	0.0088	2.7301	2.7389
315.3	2.4196	0.0351	2.7314	2.7665

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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
315.3333	2.4176	0.0482	2.7275	2.7757
315.3667	2.4176	0.0219	2.734	2.756
315.4	2.4209	0.0088	2.7354	2.7441
315.4333	2.4193	0.0219	2.7393	2.7612
315.4667	2.4176	0	2.7393	2.7393
315.5	2.4199	0.0482	2.7354	2.7836
315.5333	2.4225	0.0351	2.7393	2.7744
315.5667	2.4232	0.0219	2.7354	2.7573
315.6	2.4216	0	2.7327	2.7327
315.6333	2.4225	0.0351	2.7393	2.7744
315.6667	2.4239	0.0219	2.7406	2.7625
315.7	2.4229	0.0088	2.7301	2.7389
315.7333	2.4252	0.0219	2.7367	2.7586
315.7667	2.4235	0.0351	2.734	2.7691
315.8	2.4245	0.0351	2.738	2.7731
315.8333	2.4249	0.0219	2.7406	2.7625
315.8667	2.4229	0.0351	2.7393	2.7744
315.9	2.4249	0.0351	2.7367	2.7717
315.9333	2.4258	0.0219	2.738	2.7599
315.9667	2.4252	0.0219	2.7354	2.7573
316	2.4252	0.0351	2.734	2.7691
316.0333	2.4232	0.0351	2.7327	2.7678
316.0667	2.4262	0.0219	2.7354	2.7573
316.1	2.4239	0.0351	2.7327	2.7678
316.1333	2.4265	0.0351	2.734	2.7691
316.1667	2.4252	0.0351	2.738	2.7731
316.2	2.4281	0.0219	2.734	2.756
316.2333	2.4245	0.0219	2.7433	2.7652
316.2667	2.4245	0.0219	2.7354	2.7573
316.3	2.4281	0.0219	2.734	2.756
316.3333	2.4272	0.0219	2.7419	2.7639
316.3667	2.4245	0.0351	2.7406	2.7757
316.4	2.4235	0.0351	2.734	2.7691
316.4333	2.4258	0.0088	2.7367	2.7454
316.4667	2.4281	0.0351	2.738	2.7731
316.5	2.4272	0.0351	2.7314	2.7665
316.5333	2.4252	0.0351	2.7314	2.7665
316.5667	2.4288	0.0219	2.7327	2.7546
316.6	2.4278	0.0219	2.7327	2.7546
316.6333	2.4288	0.0088	2.7262	2.7349
316.6667	2.4265	0.0219	2.7262	2.7481
316.7	2.4298	0.0219	2.7275	2.7494
316.7333	2.4275	0.0482	2.7354	2.7836

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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
316.7667	2.4281	0.0219	2.7327	2.7546
316.8	2.4258	0.0088	2.738	2.7468
316.8333	2.4278	0.0351	2.7301	2.7652
316.8667	2.4258	0.0219	2.7222	2.7441
316.9	2.4295	0.0219	2.7262	2.7481
316.9333	2.4285	0.0482	2.7235	2.7717
316.9667	2.4278	0.0219	2.734	2.756
317	2.4308	0.0482	2.7327	2.7809
317.0333	2.4268	0.0351	2.7248	2.7599
317.0667	2.4298	0.0219	2.7262	2.7481
317.1	2.4291	0.0219	2.738	2.7599
317.1333	2.4288	0.0219	2.7354	2.7573
317.1667	2.4272	0.0219	2.7275	2.7494
317.2	2.4275	0.0219	2.7327	2.7546
317.2333	2.4298	0.0351	2.7314	2.7665
317.2667	2.4268	0.0219	2.7288	2.7507
317.3	2.4278	0.0351	2.7288	2.7639
317.3333	2.4295	0.0351	2.7288	2.7639
317.3667	2.4278	0.0351	2.7314	2.7665
317.4	2.4318	0.0351	2.734	2.7691
317.4333	2.4288	0.0219	2.7367	2.7586
317.4667	2.4311	0.0088	2.7301	2.7389
317.5	2.4308	0.0482	2.7314	2.7796
317.5333	2.4298	0.0219	2.734	2.756
317.5667	2.4278	0.0219	2.7354	2.7573
317.6	2.4308	0.0219	2.7327	2.7546
317.6333	2.4318	0.0219	2.7327	2.7546
317.6667	2.4295	0.0219	2.734	2.756
317.7	2.4308	0.0219	2.7354	2.7573
317.7333	2.4328	0.0219	2.7314	2.7533
317.7667	2.4298	0.0219	2.7354	2.7573
317.8	2.4321	0.0351	2.734	2.7691
317.8333	2.4288	0.0088	2.7327	2.7415
317.8667	2.4354	0.0088	2.7367	2.7454
317.9	2.4311	0.0088	2.7327	2.7415
317.9333	2.4281	0.0219	2.7367	2.7586
317.9667	2.4298	0.0088	2.734	2.7428
318	2.4321	0.0351	2.7301	2.7652
318.0333	2.4331	0.0351	2.7327	2.7678
318.0667	2.4304	0.0219	2.7314	2.7533
318.1	2.4308	0.0219	2.734	2.756
318.1333	2.4038	0.0219	2.6972	2.7191
318.1667	2.3455	11.6989	2.1489	13.8478



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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
318.2	2.2902	10.213	1.8806	12.0936
318.2333	2.2376	8.9243	1.6479	10.5722
318.2667	2.1829	7.9118	1.4309	9.3427
318.3	2.1296	6.9913	1.2455	8.2368
318.3333	2.0802	6.2154	1.068	7.2834
318.3667	2.0282	5.5185	0.9115	6.43
318.4	1.973	4.8347	0.7642	5.5989
318.4333	1.9292	4.2298	0.6406	4.8704
318.4667	1.8828	3.6644	0.5367	4.2011
318.5	1.8334	3.1516	0.4328	3.5844
318.5333	1.7857	0.0088	0.3618	0.3706
318.5667	1.7429	0.0219	0.0015	0.0235
318.6	1.6991	0.0219	0.0002	0.0221
318.6333	1.6547	0.0219	0.0015	0.0235
318.6667	1.6102	0.0219	0.0028	0.0248
318.7	1.5688	0.0088	0.0002	0.009
318.7333	1.5283	0.0088	0.0028	0.0116
318.7667	1.4852	0.0351	0.0015	0.0366
318.8	1.4473	0.0088	0.0015	0.0103
318.8333	1.4095	0.0351	0.0028	0.0379
318.8667	1.3726	0.0351	0.0015	0.0366
318.9	1.3318	0.0351	0.0002	0.0353
318.9333	1.2989	0.0088	0.0002	0.009
318.9667	1.2624	0.0351	0.0028	0.0379
319	1.2275	0.0088	0.0015	0.0103
319.0333	1.1939	0.0219	0.0015	0.0235
319.0667	1.1606	0.0088	0.0015	0.0103
319.1	1.13	0.0351	0.0002	0.0353
319.1333	1.0945	0.0351	0.0002	0.0353
319.1667	1.0668	0.0088	0.0015	0.0103
319.2	1.0369	0.0482	0.0002	0.0484
319.2333	1.0073	0.0088	0.0002	0.009
319.2667	0.9786	0.0351	0.0015	0.0366
319.3	0.947	0.0219	0.0028	0.0248
319.3333	0.9227	0.0088	0.0028	0.0116
319.3667	0.8957	0.0219	0.0028	0.0248
319.4	0.8657	0.0219	0.0015	0.0235
319.4333	0.8378	0.0351	0.0015	0.0366
319.4667	0.8154	0.0482	0.0015	0.0497
319.5	0.7917	0.0219	0.0002	0.0221
319.5333	0.7693	0.0219	0.0028	0.0248
319.5667	0.742	0.0219	0.0002	0.0221
319.6	0.7203	0.0219	0.0002	0.0221



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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
319.6333	0.6976	0.0351	0.0015	0.0366
319.6667	0.6752	0.0351	0.0015	0.0366
319.7	0.6541	0.0351	0.0015	0.0366
319.7333	0.6327	0.0351	0.0028	0.0379
319.7667	0.6107	0.0219	0.0028	0.0248
319.8	0.5919	0.0351	0.0015	0.0366
319.8333	0.5738	0.0219	0.0015	0.0235
319.8667	0.5544	0.0088	0.0002	0.009
319.9	0.536	0.0219	0.0015	0.0235
319.9333	0.5165	0.0088	0.0015	0.0103
319.9667	0.4974	0.0351	0.0028	0.0379
320	0.481	0.0219	0.0002	0.0221
320.0333	0.4639	0.0351	0.0002	0.0353
320.0667	0.4484	0	0.0015	0.0015
320.1	0.4287	0.0351	0.0002	0.0353
320.1333	0.4135	0.0088	0.0002	0.009
320.1667	0.399	0.0219	0.0002	0.0221
320.2	0.3852	0.0351	0.0015	0.0366
320.2333	0.3674	0.0088	0.0028	0.0116
320.2667	0.3483	0.0088	0.0015	0.0103
320.3	0.3339	0.0088	0.0002	0.009
320.3333	0.3256	0.0219	0.0028	0.0248
320.3667	0.3125	0.0088	0	0.0088
320.4	0.2983	0.0219	0.0015	0.0235
320.4333	-0.0186	0.0219	0.0028	0.0248
320.4667	-0.0183	0.0219	0.0002	0.0221
320.5	-0.017	0.0482	0.0015	0.0497
320.5333	-0.357	0.0351	0	0.0351
320.5667	-0.3626	0.0088	0.0028	0.0116
320.6	-0.3458	28.662	8.7829	37.4449
320.6333	-0.3316	26.8737	7.9203	34.794
320.6667	-0.3132	25.2957	7.1931	32.4888
320.7	-0.3004	24.0991	6.654	30.753
320.7333	-0.2816	23.0471	6.2174	29.2645
320.7667	-0.2698	22.2055	5.8334	28.0389
320.8	-0.254	21.3902	5.5178	26.9081
320.8333	-0.2411	20.5881	5.2325	25.8206
320.8667	-0.2299	19.8517	4.9669	24.8186
320.9	-0.2197	19.1679	4.7275	23.8955
320.9333	-0.2076	18.5104	4.4935	23.0039
320.9667	-0.1997	17.8529	4.2831	22.136
321	-0.1865	17.1823	4.0727	21.255
321.0333	-0.1769	16.5906	3.8702	20.4608

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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
321.0667	-0.1694	15.9988	3.6821	19.681
321.1	-0.1635	15.4202	3.5099	18.9301
321.1333	-0.1533	14.8417	3.335	18.1766
321.1667	-0.1496	14.3157	3.1759	17.4915
321.2	-0.1398	13.7371	3.0273	16.7644
321.2333	-0.1296	13.2505	2.8787	16.1292
321.2667	-0.1266	12.7114	2.7393	15.4507
321.3	-0.121	12.2512	2.6091	14.8603
321.3333	-0.1164	11.7778	2.4868	14.2646
321.3667	-0.1101	11.3175	2.3672	13.6847
321.4	-0.1042	10.923	2.2554	13.1784
321.4333	-0.1003	10.5022	2.1489	12.6511
321.4667	-0.0976	10.1341	2.0437	12.1777
321.5	-0.095	9.779	1.9595	11.7385
321.5333	-0.0884	9.3845	1.8622	11.2467
321.5667	-0.0838	8.99	1.7754	10.7655
321.6	-0.0799	8.7007	1.6913	10.392
321.6333	-0.0759	8.3588	1.6242	9.9831
321.6667	-0.0733	8.0827	1.544	9.6267
321.7	-0.0749	7.8066	1.473	9.2795
321.7333	-0.071	7.5173	1.4033	8.9206
321.7667	-0.07	7.2411	1.3375	8.5787
321.8	-0.0664	7.0176	1.2797	8.2973
321.8333	-0.0618	6.7414	1.2218	7.9633
321.8667	-0.0608	6.5047	1.1627	7.6674
321.9	-0.0621	6.2812	1.1127	7.3939
321.9333	-0.0585	6.0576	1.0667	7.1243
321.9667	-0.0558	5.8209	1.0141	6.835
322	-0.0532	5.6369	0.9615	6.5983
322.0333	-0.0532	5.4528	0.926	6.3787
322.0667	-0.0506	5.2687	0.8891	6.1578
322.1	-0.0473	5.0977	0.8418	5.9395
322.1333	-0.0463	4.8742	0.8116	5.6857
322.1667	-0.0473	4.769	0.7747	5.5437
322.2	-0.0469	4.598	0.7392	5.3373
322.2333	-0.0407	4.4271	0.7077	5.1347
322.2667	-0.0423	4.2693	0.6669	4.9362
322.3	-0.0394	4.0983	0.638	4.7363
322.3333	-0.042	3.9668	0.6143	4.5811
322.3667	-0.0407	3.8353	0.5906	4.426
322.4	-0.0374	3.7038	0.5657	4.2695
322.4333	-0.039	3.6381	0.5328	4.1709
322.4667	-0.04	3.5066	0.5183	4.0249

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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
322.5	-0.0371	3.3488	0.496	3.8448
322.5333	-0.0348	3.283	0.4723	3.7553
322.5667	-0.0361	3.191	0.4618	3.6528
322.6	-0.0348	3.0332	0.4368	3.47
322.6333	-0.0331	0.0219	0.4223	0.4442
322.6667	-0.0338	0.0351	0.4079	0.4429
322.7	-0.0318	0.0351	0.3908	0.4258
322.7333	-0.0318	0.0351	0.3737	0.4087
322.7667	-0.0279	0.0219	0.3645	0.3864
322.8	-0.0315	0.0351	0.3461	0.3811
322.8333	-0.0334	0.0219	0.3342	0.3561
322.8667	-0.0315	0.0219	0.3263	0.3482
322.9	-0.0311	0.0351	0.3066	0.3417
322.9333	-0.0288	0.0219	0.0015	0.0235
322.9667	-0.0279	0.0351	0	0.0351
323	-0.0288	0.0219	0.0002	0.0221
323.0333	-0.0275	0.0351	0.0028	0.0379
323.0667	-0.0282	0.0219	0.0015	0.0235
323.1	-0.0279	0.0088	0.0015	0.0103
323.1333	-0.0265	0.0219	0.0028	0.0248
323.1667	-0.0259	0.0219	0.0002	0.0221
323.2	-0.0246	0.0351	0.0002	0.0353
323.2333	-0.0292	0.0351	0.0015	0.0366
323.2667	-0.0255	0.0219	0.0015	0.0235
323.3	-0.0252	0.0088	0.0028	0.0116
323.3333	-0.0288	0.0088	0.0015	0.0103
323.3667	0.0225	0.0351	0.0015	0.0366
323.4	0.0762	0.0088	0.0002	0.009
323.4333	0.1291	0.0088	0.0028	0.0116
323.4667	0.1818	0.0351	0.0015	0.0366
323.5	0.2325	0.0351	0.8352	0.8703
323.5333	0.2832	0.0351	0.922	0.9571
323.5667	0.3322	0.0219	1.0049	1.0268
323.6	0.3796	0.0351	1.0864	1.1215
323.6333	0.427	0.0219	1.1613	1.1833
323.6667	0.4734	0.0219	1.2323	1.2543
323.7	0.5146	0.0351	1.302	1.3371
323.7333	0.559	0.0088	1.3665	1.3752
323.7667	0.6031	0.0219	1.4322	1.4541
323.8	0.6423	0.0088	1.4861	1.4949
323.8333	0.6864	0.0219	1.544	1.5659
323.8667	0.7259	0.0351	1.6032	1.6382
323.9	0.7687	0.0088	1.6545	1.6632

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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
323.9333	0.8045	0.0351	1.6992	1.7342
323.9667	0.8417	0.0351	1.7478	1.7829
324	0.8783	0.0351	1.7912	1.8263
324.0333	0.9145	0.0088	1.8201	1.8289
324.0667	0.9533	0.0088	1.8556	1.8644
324.1	0.9869	0.0219	1.8912	1.9131
324.1333	1.0224	0.0351	1.9174	1.9525
324.1667	1.0576	0.0351	1.9503	1.9854
324.2	1.0909	0.0219	1.9819	2.0038
324.2333	1.1248	0.0351	2.0056	2.0406
324.2667	1.158	0.0219	2.0266	2.0485
324.3	1.187	0.0088	2.0411	2.0498
324.3333	1.2202	0.0219	2.0582	2.0801
324.3667	1.2512	0	2.07	2.07
324.4	1.2837	0.0088	2.091	2.0998
324.4333	1.3121	0.0219	2.0989	2.1208
324.4667	1.3417	0.0351	2.1121	2.1471
324.5	1.3723	0.0219	2.1173	2.1392
324.5333	1.3993	0.0088	2.1239	2.1327
324.5667	1.4286	0.0219	2.1384	2.1603
324.6	1.4532	0.0219	2.1423	2.1642
324.6333	1.4822	0.0219	2.1515	2.1734
324.6667	1.5066	0.0219	2.1528	2.1747
324.7	1.5336	0.0351	2.1594	2.1945
324.7333	1.5582	0.0219	2.162	2.184
324.7667	1.5862	0.0219	2.1699	2.1918
324.8	1.6096	0.0219	2.1673	2.1892
324.8333	1.6353	0	2.1778	2.1778
324.8667	1.6576	0.0088	2.1778	2.1866
324.9	1.6794	0.0219	2.1791	2.201
324.9333	1.7001	0.0088	2.1778	2.1866
324.9667	1.7238	0.0219	2.1778	2.1997
325	1.7491	0.0219	2.1739	2.1958
325.0333	1.7676	0.0219	2.1712	2.1932
325.0667	1.7886	0.0219	2.166	2.1879
325.1	1.8081	0.0088	2.1673	2.1761
325.1333	1.8278	0.0219	2.1607	2.1826
325.1667	1.8489	0.0219	2.1489	2.1708
325.2	1.8666	0.0219	2.1436	2.1655
325.2333	1.8841	0.0088	2.1397	2.1484
325.2667	1.9012	0.0088	2.1305	2.1392
325.3	1.9233	0.0219	2.1265	2.1484
325.3333	1.9404	0.0351	2.1186	2.1537

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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
325.3667	1.9545	0.0219	2.1121	2.134
325.4	1.9716	0.0219	2.1055	2.1274
325.4333	1.9901	0.0219	2.1015	2.1235
325.4667	2.0039	0.0351	2.091	2.1261
325.5	2.0167	0.0351	2.0845	2.1195
325.5333	2.0342	0.0088	2.0805	2.0893
325.5667	2.0473	0.0219	2.0726	2.0945
325.6	2.0615	0.0219	2.0621	2.084
325.6333	2.0763	0.0351	2.0516	2.0866
325.6667	2.0898	0.0219	2.0489	2.0709
325.7	2.1039	0.0219	2.045	2.0669
325.7333	2.1138	0.0219	2.0332	2.0551
325.7667	2.1299	0.0482	2.0253	2.0735
325.8	2.1402	0.0219	2.0174	2.0393
325.8333	2.1556	0.0088	2.0082	2.0169
325.8667	2.1632	0.0219	1.9937	2.0156
325.9	2.1747	0.0351	1.9819	2.0169
325.9333	2.1866	0.0351	1.974	2.0091
325.9667	2.1964	0.0351	1.9687	2.0038
326	2.2063	0.0351	1.953	1.988
326.0333	2.2175	0.0088	1.9451	1.9538
326.0667	2.2274	0.0088	1.9385	1.9473
326.1	2.2376	0.0351	1.9319	1.967
326.1333	2.2481	0.0219	1.9253	1.9473
326.1667	2.2547	0.0219	1.9201	1.942
326.2	2.2649	0.0351	1.9069	1.942
326.2333	2.2731	0.0088	1.9043	1.9131
326.2667	2.2817	0.0351	1.8951	1.9302
326.3	2.2939	0.0351	1.8872	1.9223
326.3333	2.2971	0.0219	1.8806	1.9025
326.3667	2.3031	0.0088	1.8741	1.8828
326.4	2.3129	0.0351	1.8649	1.8999
326.4333	2.3199	0.0219	1.8688	1.8907
326.4667	2.3248	0.0219	1.8649	1.8868
326.5	2.3347	0.0219	1.853	1.8749
326.5333	2.3409	0.0088	1.8451	1.8539
326.5667	2.3459	0.0219	1.8359	1.8578
326.6	2.3511	0.0351	1.8346	1.8697
326.6333	2.3567	0.0351	1.828	1.8631
326.6667	2.365	0.0219	1.8228	1.8447
326.7	2.3709	0.0219	1.8215	1.8434
326.7333	2.3771	0.0351	1.8149	1.8499
326.7667	2.3824	0.0219	1.8096	1.8315



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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
326.8	2.3877	0.0482	1.8017	1.8499
326.8333	2.39	0.0219	1.8004	1.8223
326.8667	2.3939	0.0219	1.7952	1.8171
326.9	2.3995	0.0219	1.7767	1.7987
326.9333	2.4028	0.0219	1.7675	1.7895
326.9667	2.4064	0.0219	1.7623	1.7842
327	2.4104	0.0351	1.7426	1.7776
327.0333	2.416	0.0219	1.732	1.754
327.0667	2.4189	0.0219	1.7255	1.7474
327.1	2.4249	0.0351	1.7255	1.7605
327.1333	2.4298	0.0088	1.7255	1.7342
327.1667	2.4318	0.0351	1.7136	1.7487
327.2	2.4328	0.0088	1.7057	1.7145
327.2333	2.4331	0.0219	1.7071	1.729
327.2667	2.4413	0.0351	1.7057	1.7408
327.3	2.442	0.0219	1.7018	1.7237
327.3333	2.4433	0.0351	1.6978	1.7329
327.3667	2.4469	0.0219	1.6913	1.7132
327.4	2.4489	0.0088	1.6952	1.704
327.4333	2.4499	0.0351	1.6939	1.729
327.4667	2.4499	0.0482	1.6834	1.7316
327.5	2.4555	0.0088	1.6847	1.6935
327.5333	2.4597	0.0219	1.6742	1.6961
327.5667	2.4601	0.0219	1.6623	1.6843
327.6	2.4601	0.0351	1.665	1.7
327.6333	2.4634	0.0219	1.6689	1.6908
327.6667	2.4647	0	1.6663	1.6663
327.7	2.4614	0.0219	1.6545	1.6764
327.7333	2.4528	0.0088	1.6374	1.6461
327.7667	2.4397	0.0088	1.615	1.6238
327.8	2.4291	0.0088	1.6097	1.6185
327.8333	2.4193	0.0219	1.5861	1.608
327.8667	2.4061	0.0482	1.5703	1.6185
327.9	2.4005	0.0351	1.5532	1.5883
327.9333	2.3913	0.0482	1.544	1.5922
327.9667	2.3814	0.0219	1.5322	1.5541
328	2.3699	0.0219	1.5111	1.533
328.0333	2.3617	0.0351	1.498	1.533
328.0667	2.3511	0.0088	1.4822	1.491
328.1	2.3436	0.0219	1.4704	1.4923
328.1333	2.3383	0.0219	1.4519	1.4739
328.1667	2.3297	0.0219	1.4362	1.4581
328.2	2.3238	0.0088	1.427	1.4357



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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
328.2333	2.3268	0.0219	1.4191	1.441
328.2667	2.3261	0.0219	1.4099	1.4318
328.3	2.3251	0.0088	1.4099	1.4186
328.3333	2.3297	0.0088	1.4033	1.4121
328.3667	2.3287	0.0351	1.3928	1.4278
328.4	2.3291	0.0088	1.3994	1.4081
328.4333	2.331	0.0219	1.4033	1.4252
328.4667	2.337	0.0219	1.4072	1.4292
328.5	2.3376	0.0219	1.402	1.4239
328.5333	2.3416	0.0088	1.4033	1.4121
328.5667	2.3432	0.0219	1.4125	1.4344
328.6	2.3449	0.0088	1.3994	1.4081
328.6333	2.3478	0.0219	1.3928	1.4147
328.6667	2.3531	0.0351	1.3849	1.42
328.7	2.3551	0.0482	1.3809	1.4292
328.7333	2.361	0.0219	1.377	1.3989
328.7667	2.363	0.0088	1.3783	1.3871
328.8	2.3669	0.0219	1.3731	1.395
328.8333	2.3702	0.0219	1.3757	1.3976
328.8667	2.3745	0.0219	1.3757	1.3976
328.9	2.3752	0.0351	1.3809	1.416
328.9333	2.3824	0.0351	1.3783	1.4134
328.9667	2.386	0.0088	1.3836	1.3923
329	2.3893	0.0219	1.3823	1.4042
329.0333	2.391	0.0482	1.3875	1.4357
329.0667	2.3929	0.0219	1.3862	1.4081
329.1	2.3975	0.0351	1.3954	1.4305
329.1333	2.4008	0.0219	1.3915	1.4134
329.1667	2.4035	0.0088	1.3875	1.3963
329.2	2.4054	0.0219	1.3888	1.4107
329.2333	2.4094	0.0219	1.3875	1.4094
329.2667	2.4114	0.0219	1.3901	1.4121
329.3	2.41	0.0219	1.3941	1.416
329.3333	2.4127	0.0219	1.3994	1.4213
329.3667	2.4156	0.0088	1.398	1.4068
329.4	2.4166	0.0351	1.3915	1.4265
329.4333	2.417	0.0351	1.3901	1.4252
329.4667	2.4202	0.0219	1.3836	1.4055
329.5	2.4245	0.0219	1.3888	1.4107
329.5333	2.4229	0.0351	1.3901	1.4252
329.5667	2.4258	0.0219	1.3915	1.4134
329.6	2.4252	0.0219	1.3901	1.4121
329.6333	2.4275	0.0351	1.3823	1.4173

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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
329.6667	2.4295	0.0219	1.3888	1.4107
329.7	2.4321	0.0351	1.3915	1.4265
329.7333	2.4308	0.0351	1.3875	1.4226
329.7667	2.4334	0.0219	1.3888	1.4107
329.8	2.4311	0.0219	1.3809	1.4029
329.8333	2.4374	0.0219	1.3849	1.4068
329.8667	2.438	0.0088	1.3862	1.395
329.9	2.4383	0.0219	1.3849	1.4068
329.9333	2.4354	0.0219	1.3875	1.4094
329.9667	2.438	0.0219	1.3796	1.4015
330	2.4397	0.0351	1.3744	1.4094
330.0333	2.4423	0.0219	1.3744	1.3963
330.0667	2.4403	0.0219	1.377	1.3989
330.1	2.4407	0.0219	1.377	1.3989
330.1333	2.4387	0.0351	1.3744	1.4094
330.1667	2.4324	0.0088	1.3691	1.3779
330.2	2.4298	0.0351	1.3625	1.3976
330.2333	2.4245	0.0219	1.3612	1.3831
330.2667	2.4206	0.0351	1.3573	1.3923
330.3	2.416	0.0219	1.3481	1.37
330.3333	2.416	0.0351	1.3468	1.3818
330.3667	2.4133	0.0351	1.3389	1.3739
330.4	2.4133	0.0219	1.3375	1.3595
330.4333	2.4087	0.0351	1.3336	1.3687
330.4667	2.4038	0.0482	1.3231	1.3713
330.5	2.4035	0.0219	1.3231	1.345
330.5333	2.4018	0.0219	1.331	1.3529
330.5667	2.4002	0.0219	1.3244	1.3463
330.6	2.3956	0.0351	1.3205	1.3555
330.6333	2.3929	0.0219	1.3139	1.3358
330.6667	2.389	0.0351	1.3034	1.3384
330.7	2.3923	0.0219	1.3165	1.3384
330.7333	2.3952	0.0351	1.3073	1.3424
330.7667	2.3972	0.0219	1.3165	1.3384
330.8	2.3982	0.0219	1.3112	1.3332
330.8333	2.3995	0.0351	1.3152	1.3503
330.8667	2.3995	0.0219	1.3139	1.3358
330.9	2.4015	0.0088	1.3178	1.3266
330.9333	2.4048	0.0219	1.3205	1.3424
330.9667	2.4054	0.0219	1.3257	1.3476
331	2.4068	0.0351	1.3165	1.3516
331.0333	2.4077	0.0219	1.3205	1.3424
331.0667	2.4068	0.0219	1.327	1.3489

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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
331.1	2.411	0.0351	1.3323	1.3674
331.1333	2.4117	0.0351	1.331	1.366
331.1667	2.414	0.0219	1.3283	1.3503
331.2	2.4114	0.0219	1.3336	1.3555
331.2333	2.4143	0.0351	1.3349	1.37
331.2667	2.4137	0.0219	1.3415	1.3634
331.3	2.4137	0.0219	1.3389	1.3608
331.3333	2.415	0.0219	1.331	1.3529
331.3667	2.4143	0.0351	1.331	1.366
331.4	2.4196	0.0482	1.3349	1.3831
331.4333	2.4183	0.0351	1.3349	1.37
331.4667	2.417	0.0351	1.327	1.3621
331.5	2.4202	0.0351	1.327	1.3621
331.5333	2.4212	0.0351	1.3231	1.3581
331.5667	2.4173	0.0219	1.3257	1.3476
331.6	2.4212	0.0219	1.3191	1.3411
331.6333	2.4216	0.0088	1.3244	1.3332
331.6667	2.4229	0.0219	1.3231	1.345
331.7	2.4232	0.0088	1.3231	1.3318
331.7333	2.4229	0.0219	1.3218	1.3437
331.7667	2.4245	0.0219	1.3152	1.3371
331.8	2.4199	0.0351	1.3205	1.3555
331.8333	2.4252	0.0219	1.3178	1.3397
331.8667	2.4225	0	1.3205	1.3205
331.9	2.4239	0.0219	1.3205	1.3424
331.9333	2.4225	0.0219	1.3112	1.3332
331.9667	2.4245	0.0088	1.3218	1.3305
332	2.4262	0.0482	1.3178	1.366
332.0333	2.4255	0.0351	1.3139	1.3489
332.0667	2.4232	0.0219	1.3099	1.3318
332.1	2.4285	0.0219	1.3152	1.3371
332.1333	2.4245	0.0219	1.3178	1.3397
332.1667	2.4212	0.0219	1.3112	1.3332
332.2	2.384	0.0219	1.1653	1.1872
332.2333	2.3156	0.0351	0.9181	0.9531
332.2667	2.2498	0.0351	0.7576	0.7927
332.3	2.1931	0.0088	0.6222	0.631
332.3333	2.1286	0.0219	0.4946	0.5166
332.3667	2.0724	0.0351	0.396	0.4311
332.4	2.0128	0.0219	0.0015	0.0235
332.4333	1.9591	0.0088	0.0015	0.0103
332.4667	1.9061	0.0219	0.0015	0.0235
332.5	1.8505	0.0219	0.0015	0.0235

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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
332.5333	1.7995	0.0351	0.0028	0.0379
332.5667	1.7491	0.0088	0.0015	0.0103
332.6	1.6991	0.0219	0.0028	0.0248
332.6333	1.6537	0.0088	0.0028	0.0116
332.6667	1.6073	0.0219	0.0002	0.0221
332.7	1.5629	0.0482	0.0015	0.0497
332.7333	1.5168	0.0088	0.0002	0.009
332.7667	1.4743	0.0482	0.0015	0.0497
332.8	1.4332	0.0219	0.0015	0.0235
332.8333	1.3891	0.0351	0.0015	0.0366
332.8667	1.3542	0.0219	0.0028	0.0248
332.9	1.317	0.0351	0.0028	0.0379
332.9333	1.2782	0.0351	0.0028	0.0379
332.9667	1.2449	0.0088	0.0015	0.0103
333	1.2097	0.0351	0.0028	0.0379
333.0333	1.1705	0.0351	0.0002	0.0353
333.0667	1.1412	0	0.0002	0.0002
333.1	1.109	0.0351	0.0002	0.0353
333.1333	1.0724	0.0351	0.0002	0.0353
333.1667	1.0438	0.0351	0.0015	0.0366
333.2	1.0142	0.0088	0.0015	0.0103
333.2333	0.9852	0.0219	0.0028	0.0248
333.2667	0.9563	0.0219	0.0015	0.0235
333.3	0.9293	0.0219	0.0015	0.0235
333.3333	0.9023	0.0219	0.0002	0.0221
333.3667	0.872	0.0351	0.0015	0.0366
333.4	0.8506	0.0219	0.0028	0.0248
333.4333	0.8249	0.0351	0.0015	0.0366
333.4667	0.8016	0.0351	0.0028	0.0379
333.5	0.7756	0.0219	0.0028	0.0248
333.5333	0.7492	0.0219	0.0015	0.0235
333.5667	0.7315	0.0219	0.0015	0.0235
333.6	0.7064	0.0351	0.0015	0.0366
333.6333	0.6851	0.0351	0.0015	0.0366
333.6667	0.6623	0.0219	0.0002	0.0221
333.7	0.6416	0.0219	0.0028	0.0248
333.7333	0.6225	0.0219	0.0028	0.0248
333.7667	0.6008	0.0482	0.0015	0.0497
333.8	0.582	0.0219	0.0015	0.0235
333.8333	0.5616	0.0351	0.0015	0.0366
333.8667	0.5392	0.0219	0.0015	0.0235
333.9	0.5231	0.0351	0.0015	0.0366
333.9333	0.506	0.0219	0.0015	0.0235

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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
333.9667	0.4886	0.0219	0.0002	0.0221
334	0.4675	0.0219	0.0028	0.0248
334.0333	0.4491	0.0088	0.0015	0.0103
334.0667	0.4375	0.0351	0.0002	0.0353
334.1	0.4181	0.0219	0.0002	0.0221
334.1333	0.4036	0.0219	0.0015	0.0235
334.1667	0.3885	0.0219	0.0015	0.0235
334.2	0.376	0.0351	0.0028	0.0379
334.2333	0.3602	0.0219	0.0015	0.0235
334.2667	0.3447	0.0219	0.0028	0.0248
334.3	0.3325	0.0219	0.0028	0.0248
334.3333	0.3171	0.0088	0.0002	0.009
334.3667	0.3046	0.0351	0.0015	0.0366
334.4	0.2904	0.0482	0.0015	0.0497
334.4333	0.2786	0.0219	0.0015	0.0235
334.4667	0.2661	0.0351	0.0002	0.0353
334.5	0.2562	0.0219	0.0015	0.0235
334.5333	0.2457	0.0351	0.0015	0.0366
334.5667	0.2345	0.0351	0.0002	0.0353
334.6	0.2223	0.0219	0.0042	0.0261
334.6333	0.2114	0.0219	0.0015	0.0235
334.6667	0.2025	0.0351	0.0002	0.0353
334.7	0.1904	0.0219	0.0002	0.0221
334.7333	0.1828	0.0482	0.0015	0.0497
334.7667	0.1693	0.0219	0.0028	0.0248
334.8	0.167	0.0088	0.0015	0.0103
334.8333	0.1568	0.0088	0.0028	0.0116
334.8667	0.1469	0.0219	0.0002	0.0221
334.9	0.1361	0.0351	0.0015	0.0366
334.9333	0.1311	0.0088	0.0015	0.0103
334.9667	0.1249	0.0482	0.0002	0.0484
335	0.1147	0.0351	0	0.0351
335.0333	0.1081	0.0351	0.0015	0.0366
335.0667	0.1015	0.0088	0.0015	0.0103
335.1	0.0939	0.0088	0.0028	0.0116
335.1333	0.088	0.0219	0.0002	0.0221
335.1667	0.0801	0.0088	0.0028	0.0116
335.2	0.0785	0.0351	0.0002	0.0353
335.2333	0.0715	0.0219	0.0028	0.0248
335.2667	0.0673	0.0219	0.0015	0.0235
335.3	0.0646	0.0351	0.0015	0.0366
335.3333	0.0597	0.0088	0.0015	0.0103
335.3667	0.0521	0.0088	0.0002	0.009



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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
335.4	0.0482	0.0219	0.0028	0.0248
335.4333	0.0426	0.0351	0.0002	0.0353
335.4667	0.0413	0.0351	0.0015	0.0366
335.5	0.0376	0.0219	0.0028	0.0248
335.5333	0.0363	0.0088	0.0028	0.0116
335.5667	0.0314	0.0088	0.0028	0.0116
335.6	0.0294	0.0088	0.0002	0.009
335.6333	0.0271	0.0219	0.0028	0.0248
335.6667	0.0235	0.0219	0.0015	0.0235
335.7	0.0212	0.0351	0.0028	0.0379
335.7333	0.0172	0.0351	0.0002	0.0353
335.7667	0.0149	0.0351	0.0028	0.0379
335.8	0.0136	0.0482	0.0002	0.0484
335.8333	0.0097	0.0088	0	0.0088
335.8667	0.008	0.0219	0.0015	0.0235
335.9	0.0067	0.0088	0.0028	0.0116
335.9333	0.0054	0.0351	0.0028	0.0379
335.9667	0.0054	0.0088	0.0002	0.009
336	-0.0005	0.0219	0.0015	0.0235
336.0333	0.0005	0.0219	0.0002	0.0221
336.0667	0.0011	0.0219	0.0002	0.0221
336.1	0.0008	0.0351	0.0002	0.0353
336.1333	-0.0005	0.0088	0.0015	0.0103
336.1667	-0.0032	0.0219	0.0015	0.0235
336.2	-0.0015	0.0219	0.0028	0.0248
336.2333	-0.0055	0.0219	0.0028	0.0248
336.2667	-0.0078	0.0219	0.0015	0.0235
336.3	-0.0084	0.0482	0.0015	0.0497
336.3333	-0.0088	0.0219	0.0015	0.0235
336.3667	-0.0074	0.0351	0.0002	0.0353
336.4	-0.0071	0.0219	0.0015	0.0235
336.4333	-0.0101	0.0351	0.0015	0.0366
336.4667	-0.0084	0.0219	0.0015	0.0235
336.5	-0.0094	0.0351	0.0002	0.0353
336.5333	-0.0111	0.0219	0.0015	0.0235
336.5667	-0.0104	0.0088	0.0015	0.0103
336.6	-0.0091	0.0088	0.0028	0.0116
336.6333	-0.0101	0.0219	0.0002	0.0221
336.6667	-0.0107	0.0219	0.0002	0.0221
336.7	-0.0101	0.0351	0.0015	0.0366
336.7333	-0.0121	0.0219	0.0028	0.0248
336.7667	-0.0127	0.0219	0.0015	0.0235
336.8	-0.013	0.0219	0.0015	0.0235



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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
336.8333	-0.0097	0.0219	0.0002	0.0221
336.8667	-0.0121	0.0219	0.0002	0.0221
336.9	-0.0137	0.0351	0.0015	0.0366
336.9333	-0.0124	0.0351	0.0028	0.0379
336.9667	-0.0137	0.0088	0.0015	0.0103
337	-0.0134	0.0351	0.0028	0.0379
337.0333	-0.0127	0.0351	0.0002	0.0353
337.0667	-0.0137	0.0351	0.0015	0.0366
337.1	-0.0127	0.0219	0.0028	0.0248
337.1333	-0.014	0.0351	0.0028	0.0379
337.1667	-0.017	0.0351	0.0015	0.0366
337.2	-0.019	0.0088	0.0015	0.0103
337.2333	-0.0196	0.0351	0.0002	0.0353
337.2667	-0.0193	0.0219	0.0015	0.0235
337.3	-0.0259	0.0482	0.0028	0.0511
337.3333	-0.0051	0.0351	0.0028	0.0379
337.3667	-0.0186	0.0351	0.0015	0.0366
337.4	-0.0144	0.0351	0.0015	0.0366
337.4333	-0.0282	0.0219	0.0002	0.0221
337.4667	-0.0272	0.0351	0.0015	0.0366
337.5	-0.0282	0.0088	0.0015	0.0103
337.5333	-0.0292	0.0088	0.0015	0.0103
337.5667	-0.0298	0.0219	0.0015	0.0235
337.6	-0.0315	0.0351	0.0002	0.0353
337.6333	-0.0331	0.0482	0.0028	0.0511
337.6667	-0.0292	0.0088	0.0015	0.0103
337.7	-0.0321	0.0219	0.0015	0.0235
337.7333	-0.0269	0.0351	0.0015	0.0366
337.7667	-0.0259	0.0219	0	0.0219
337.8	-0.0282	0.0219	0.0015	0.0235
337.8333	-0.0236	0.0482	0.0015	0.0497
337.8667	-0.0246	0.0351	0.0028	0.0379
337.9	-0.0242	0.0351	0.0028	0.0379
337.9333	-0.0255	0.0351	0	0.0351
337.9667	-0.0219	0.0219	0.0015	0.0235
338	-0.0213	0.0219	0.0028	0.0248
338.0333	-0.0226	0.0219	0.0015	0.0235
338.0667	-0.0232	0.0219	0.0015	0.0235
338.1	-0.0242	0.0088	0.0028	0.0116
338.1333	-0.0229	0.0219	0.0015	0.0235
338.1667	-0.0183	0.0351	0.0015	0.0366
338.2	-0.0236	0.0219	0.0015	0.0235
338.2333	-0.0209	0.0219	0.0015	0.0235

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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
338.2667	-0.0209	0.0351	0.0015	0.0366
338.3	-0.02	0.0351	0.0015	0.0366
338.3333	-0.02	0.0088	0.0015	0.0103
338.3667	0.0028	0.0219	0.0002	0.0221
338.4	0.0452	0.0219	0.0015	0.0235
338.4333	0.0903	0	0.0028	0.0028
338.4667	0.137	0.0219	0.0042	0.0261
338.5	0.1775	0.0351	0.0028	0.0379
338.5333	0.2203	0.0219	0.0015	0.0235
338.5667	0.2615	0.0219	0.0028	0.0248
338.6	0.299	0.0219	0.8905	0.9124
338.6333	0.3339	0	0.9772	0.9772
338.6667	0.3724	0.0351	1.0601	1.0952
338.7	0.4089	0.0351	1.1364	1.1714
338.7333	0.4445	0.0351	1.2074	1.2424
338.7667	0.4807	0.0219	1.2744	1.2963
338.8	0.5185	0.0088	1.3375	1.3463
338.8333	0.5458	0.0351	1.4046	1.4397
338.8667	0.5781	0.0351	1.4585	1.4936
338.9	0.6103	0.0219	1.523	1.5449
338.9333	0.6449	0.0351	1.5795	1.6146
338.9667	0.6762	0.0351	1.6453	1.6803
339	0.7055	0.0219	1.6978	1.7198
339.0333	0.7341	0.0219	1.7452	1.7671
339.0667	0.7644	0.0219	1.7873	1.8092
339.1	0.7947	0.0219	1.8333	1.8552
339.1333	0.8236	0.0219	1.8688	1.8907
339.1667	0.8483	0.0219	1.903	1.9249
339.2	0.8753	0.0614	1.953	2.0143
339.2333	0.9016	0.0219	1.9845	2.0064
339.2667	0.9276	0.0482	2.0121	2.0603
339.3	0.9559	0.0351	2.0397	2.0748
339.3333	0.9803	0.0219	2.0608	2.0827
339.3667	1.0043	0.0219	2.0884	2.1103
339.4	1.03	0.0219	2.1121	2.134
339.4333	1.0566	0.0088	2.1344	2.1432
339.4667	1.079	0.0219	2.1555	2.1774
339.5	1.1027	0.0219	2.1844	2.2063
339.5333	1.1284	0.0219	2.2094	2.2313
339.5667	1.1495	0.0219	2.2199	2.2418
339.6	1.1718	0.0219	2.2396	2.2615
339.6333	1.1955	0.0219	2.258	2.2799
339.6667	1.2179	0.0088	2.2725	2.2813

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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
339.7	1.2396	0.0351	2.2948	2.3299
339.7333	1.2587	0.0351	2.3106	2.3457
339.7667	1.2811	0.0219	2.3343	2.3562
339.8	1.3028	0.0219	2.3488	2.3707
339.8333	1.3232	0.0088	2.3606	2.3694
339.8667	1.3427	0.0219	2.379	2.4009
339.9	1.3604	0.0482	2.3908	2.4391
339.9333	1.3799	0.0351	2.4092	2.4443
339.9667	1.4019	0.0219	2.4185	2.4404
340	1.4197	0.0219	2.4158	2.4377
340.0333	1.4371	0.0351	2.4211	2.4561
340.0667	1.4542	0.0088	2.4277	2.4364
340.1	1.475	0.0351	2.4395	2.4746
340.1333	1.4918	0.0219	2.4421	2.464
340.1667	1.5125	0.0219	2.45	2.4719
340.2	1.5266	0.0351	2.4579	2.493
340.2333	1.5408	0.0219	2.4618	2.4838
340.2667	1.5642	0.0219	2.4711	2.493
340.3	1.575	0.0482	2.4789	2.5272
340.3333	1.5915	0.0219	2.4855	2.5074
340.3667	1.6056	0.0219	2.4789	2.5009
340.4	1.6267	0.0088	2.4921	2.5009
340.4333	1.6382	0.0219	2.5026	2.5245
340.4667	1.6547	0.0351	2.5079	2.5429
340.5	1.6688	0.0482	2.5184	2.5666
340.5333	1.6846	0.0219	2.5237	2.5456
340.5667	1.6991	0.0351	2.5237	2.5587
340.6	1.7139	0.0088	2.5355	2.5443
340.6333	1.7281	0.0088	2.5368	2.5456
340.6667	1.7416	0.0219	2.5486	2.5706
340.7	1.7544	0.0219	2.546	2.5679
340.7333	1.7643	0.0482	2.5513	2.5995
340.7667	1.7817	0.0219	2.5749	2.5969
340.8	1.7916	0.0351	2.5763	2.6113
340.8333	1.8051	0.0351	2.5868	2.6218
340.8667	1.8173	0.0088	2.5947	2.6034
340.9	1.8294	0.0351	2.5999	2.635
340.9333	1.8436	0.0219	2.6144	2.6363
340.9667	1.8541	0.0219	2.6118	2.6337
341	1.864	0.0219	2.621	2.6429
341.0333	1.8732	0.0088	2.6262	2.635
341.0667	1.8877	0.0351	2.6381	2.6731
341.1	1.9002	0.0351	2.6459	2.681

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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
341.1333	1.9065	0.0351	2.6551	2.6902
341.1667	1.918	0.0351	2.6578	2.6928
341.2	1.9279	0.0219	2.6578	2.6797
341.2333	1.9374	0.0219	2.6775	2.6994
341.2667	1.9483	0.0351	2.6775	2.7126
341.3	1.9591	0.0351	2.6788	2.7139
341.3333	1.9687	0.0482	2.6893	2.7376
341.3667	1.9782	0.0219	2.6946	2.7165
341.4	1.9848	0.0219	2.7117	2.7336
341.4333	1.9973	0.0482	2.7143	2.7625
341.4667	2.0052	0.0351	2.7209	2.756
341.5	2.0128	0.0219	2.7248	2.7468
341.5333	2.0203	0.0088	2.7288	2.7376
341.5667	2.0302	0.0088	2.7275	2.7362
341.6	2.0411	0.0219	2.7327	2.7546
341.6333	2.0434	0.0219	2.7498	2.7717
341.6667	2.0542	0.0219	2.759	2.7809
341.7	2.0602	0.0219	2.7511	2.7731
341.7333	2.071	0.0219	2.7617	2.7836
341.7667	2.075	0.0351	2.7669	2.802
341.8	2.0839	0.0088	2.7669	2.7757
341.8333	2.0928	0.0351	2.7774	2.8125
341.8667	2.099	0	2.7801	2.7801
341.9	2.1023	0.0219	2.7774	2.7994
341.9333	2.1115	0.0351	2.7893	2.8243
341.9667	2.1207	0.0482	2.8011	2.8493
342	2.1267	0.0219	2.8037	2.8257
342.0333	2.1303	0.0219	2.809	2.8309
342.0667	2.1365	0.0351	2.8156	2.8506
342.1	2.1434	0.0219	2.8208	2.8428
342.1333	2.15	0.0219	2.8287	2.8506
342.1667	2.1569	0.0219	2.8392	2.8612
342.2	2.1602	0.0351	2.8432	2.8783
342.2333	2.1655	0.0088	2.8432	2.852
342.2667	2.1678	0.0219	2.8406	2.8625
342.3	2.177	0.0219	2.8498	2.8717
342.3333	2.1823	0.0219	2.8537	2.8756
342.3667	2.1839	0.0219	2.859	2.8809
342.4	2.1889	0.0351	2.8669	2.9019
342.4333	2.1945	0.0219	2.8708	2.8927
342.4667	2.201	0.0219	2.8721	2.894
342.5	2.207	0.0219	2.8708	2.8927
342.5333	2.2112	0.0219	2.8721	2.894

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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
342.5667	2.2122	0.0219	2.8813	2.9032
342.6	2.2195	0.0351	2.8853	2.9203
342.6333	2.2247	0.0219	2.8905	2.9124
342.6667	2.231	0.0351	2.8945	2.9295
342.7	2.234	0.0219	2.8958	2.9177
342.7333	2.2389	0.0219	2.8905	2.9124
342.7667	2.2389	0.0219	2.8958	2.9177
342.8	2.2432	0.0351	2.8971	2.9322
342.8333	2.2478	0.0088	2.8971	2.9059
342.8667	2.2488	0.0219	2.9024	2.9243
342.9	2.2544	0.0219	2.905	2.9269
342.9333	2.2577	0.0351	2.905	2.9401
342.9667	2.26	0.0088	2.9076	2.9164
343	2.2632	0.0219	2.9129	2.9348
343.0333	2.2685	0.0351	2.9076	2.9427
343.0667	2.2692	0.0219	2.9155	2.9374
343.1	2.2754	0.0219	2.9168	2.9387
343.1333	2.2754	0.0219	2.9234	2.9453
343.1667	2.2771	0.0219	2.9208	2.9427
343.2	2.2804	0.0351	2.93	2.965
343.2333	2.281	0.0351	2.93	2.965
343.2667	2.2883	0.0351	2.9273	2.9624
343.3	2.2886	0.0219	2.9366	2.9585
343.3333	2.2912	0.0351	2.9366	2.9716
343.3667	2.2929	0.0088	2.9352	2.944
343.4	2.2952	0.0219	2.9366	2.9585
343.4333	2.2991	0.0351	2.9326	2.9677
343.4667	2.3024	0.0219	2.9339	2.9558
343.5	2.306	0.0219	2.9392	2.9611
343.5333	2.3087	0.0219	2.9444	2.9664
343.5667	2.3126	0.0351	2.9523	2.9874
343.6	2.3126	0.0219	2.951	2.9729
343.6333	2.3205	0.0482	2.9629	3.0111
343.6667	2.3218	0.0351	2.9629	2.9979
343.7	2.3271	0.0219	2.9655	2.9874
343.7333	2.3255	0.0219	2.9681	2.99
343.7667	2.3324	0.0219	2.9734	2.9953
343.8	2.3327	0.0219	2.9734	2.9953
343.8333	2.3357	0.0482	2.976	3.0242
343.8667	2.338	0.0088	2.9813	2.99
343.9	2.3436	0.0219	2.9852	3.0071
343.9333	2.3459	0.0482	2.9878	3.0361
343.9667	2.3452	0.0219	2.9892	3.0111



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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
344	2.3508	0.0351	2.9918	3.0268
344.0333	2.3508	0.0219	2.9905	3.0124
344.0667	2.3538	0.0088	2.9997	3.0084
344.1	2.3577	0.0219	3.0062	3.0282
344.1333	2.3557	0.0088	3.0049	3.0137
344.1667	2.358	0.0219	3.0102	3.0321
344.2	2.3636	0.0088	3.0102	3.019
344.2333	2.3633	0.0088	3.0115	3.0203
344.2667	2.365	0.0219	3.0155	3.0374
344.3	2.3692	0.0088	3.022	3.0308
344.3333	2.3719	0.0088	3.0181	3.0268
344.3667	2.3722	0.0351	3.0194	3.0545
344.4	2.3715	0.0219	3.0247	3.0466
344.4333	2.3735	0.0219	3.0286	3.0505
344.4667	2.3768	0.0351	3.0286	3.0637
344.5	2.3824	0.0219	3.0391	3.061
344.5333	2.3821	0.0219	3.0352	3.0571
344.5667	2.3873	0.0219	3.0523	3.0742
344.6	2.3956	0.0351	3.0523	3.0873
344.6333	2.3965	0.0219	3.0562	3.0781
344.6667	2.4018	0.0219	3.0588	3.0808
344.7	2.4044	0.0351	3.0628	3.0979
344.7333	2.4054	0.0351	3.072	3.1071
344.7667	2.4114	0.0219	3.0773	3.0992
344.8	2.412	0.0351	3.0759	3.111
344.8333	2.4146	0.0219	3.0838	3.1057
344.8667	2.4166	0.0351	3.0786	3.1136
344.9	2.4196	0.0219	3.0917	3.1136
344.9333	2.4252	0.0219	3.0917	3.1136
344.9667	2.4249	0.0351	3.0983	3.1334
345	2.4288	0.0351	3.1062	3.1413
345.0333	2.4298	0.0219	3.1101	3.132
345.0667	2.4334	0.0088	3.1114	3.1202
345.1	2.4367	0.0219	3.1101	3.132
345.1333	2.4393	0.0219	3.1114	3.1334
345.1667	2.4403	0.0219	3.1141	3.136
345.2	2.4383	0.0219	3.1141	3.136
345.2333	2.4407	0.0219	3.1154	3.1373
345.2667	2.4377	0.0219	3.1141	3.136
345.3	2.441	0.0219	3.1101	3.132
345.3333	2.44	0.0351	3.1114	3.1465
345.3667	2.438	0	3.1088	3.1088
345.4	2.4364	0.0219	3.1075	3.1294



AREVA NP, Inc.

Project No. G101276459SAT-003

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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
345.4333	2.439	0.0482	3.1075	3.1557
345.4667	2.4354	0.0219	3.1088	3.1307
345.5	2.4351	0.0088	3.1075	3.1163
345.5333	2.4374	0.0351	3.1075	3.1426
345.5667	2.4337	0.0351	3.1075	3.1426
345.6	2.437	0.0219	3.1036	3.1255
345.6333	2.4324	0.0351	3.097	3.132
345.6667	2.4324	0.0088	3.1009	3.1097
345.7	2.4298	0.0219	3.097	3.1189
345.7333	2.4334	0.0219	3.0996	3.1215
345.7667	2.4314	0.0219	3.0996	3.1215
345.8	2.4314	0.0482	3.0983	3.1465
345.8333	2.4301	0.0351	3.0996	3.1347
345.8667	2.4301	0.0219	3.0944	3.1163
345.9	2.4301	0.0088	3.0996	3.1084
345.9333	2.4291	0.0482	3.0957	3.1439
345.9667	2.4304	0.0219	3.0983	3.1202
346	2.4298	0	3.0983	3.0983
346.0333	2.4347	0.0351	3.0983	3.1334
346.0667	2.4324	0.0219	3.097	3.1189
346.1	2.4291	0.0351	3.0983	3.1334
346.1333	2.4298	0.0351	3.0944	3.1294
346.1667	2.4291	0.0088	3.0904	3.0992
346.2	2.4272	0.0351	3.093	3.1281
346.2333	2.4314	0.0219	3.093	3.115
346.2667	2.4318	0.0351	3.097	3.132
346.3	2.4308	0.0219	3.0891	3.111
346.3333	2.4298	0.0219	3.0917	3.1136
346.3667	2.4304	0.0482	3.0983	3.1465
346.4	2.4314	0.0351	3.0983	3.1334
346.4333	2.4291	0.0088	3.0891	3.0979
346.4667	2.4331	0.0219	3.0917	3.1136
346.5	2.4304	0.0219	3.0983	3.1202
346.5333	2.4311	0.0088	3.0904	3.0992
346.5667	2.4298	0.0351	3.0944	3.1294
346.6	2.4318	0.0219	3.0891	3.111
346.6333	2.4278	0.0351	3.0878	3.1228
346.6667	2.4308	0.0482	3.0917	3.1399
346.7	2.4278	0.0614	3.0891	3.1505
346.7333	2.4304	0.0219	3.0891	3.111
346.7667	2.4311	0.0088	3.0944	3.1031
346.8	2.4288	0.0482	3.0878	3.136
346.8333	2.4288	0.0351	3.0865	3.1215

AREVA NP, Inc.

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July 30, 2013

Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
346.8667	2.4301	0.0482	3.0878	3.136
346.9	2.4298	0.0219	3.0851	3.1071
346.9333	2.4275	0.0219	3.0878	3.1097
346.9667	2.4281	0.0351	3.0838	3.1189
347	2.4304	0.0351	3.0851	3.1202
347.0333	2.4291	0.0088	3.0878	3.0965
347.0667	2.4321	0.0351	3.0878	3.1228
347.1	2.4288	0.0351	3.0878	3.1228
347.1333	2.4318	0.0088	3.0891	3.0979
347.1667	2.4295	0.0351	3.0904	3.1255
347.2	2.4301	0.0219	3.0917	3.1136
347.2333	2.4311	0.0219	3.093	3.115
347.2667	2.4301	0.0219	3.0891	3.111
347.3	2.4301	0.0219	3.0851	3.1071
347.3333	2.4295	0.0219	3.0917	3.1136
347.3667	2.4291	0.0088	3.0904	3.0992
347.4	2.4318	0.0088	3.0891	3.0979
347.4333	2.4318	0.0219	3.0917	3.1136
347.4667	2.4301	0.0219	3.0878	3.1097
347.5	2.4291	0.0351	3.0865	3.1215
347.5333	2.4318	0.0088	3.0851	3.0939
347.5667	2.4295	0.0219	3.0904	3.1123
347.6	2.4258	0.0219	3.0917	3.1136
347.6333	2.4311	0.0351	3.0904	3.1255
347.6667	2.4311	0.0219	3.093	3.115
347.7	2.4275	0.0219	3.0944	3.1163
347.7333	2.4291	0.0219	3.0944	3.1163
347.7667	2.4318	0.0351	3.0917	3.1268
347.8	2.4324	0.0219	3.0891	3.111
347.8333	2.4304	0.0219	3.0917	3.1136
347.8667	2.4308	0.0088	3.093	3.1018
347.9	2.4318	0.0219	3.0904	3.1123
347.9333	2.4321	0.0219	3.0917	3.1136
347.9667	2.4308	0.0088	3.0917	3.1005
348	2.4318	0.0088	3.0891	3.0979
348.0333	2.4331	0.0219	3.0865	3.1084
348.0667	2.4328	0.0088	3.0865	3.0952
348.1	2.4334	0.0219	3.0838	3.1057
348.1333	2.4341	0.0219	3.0865	3.1084
348.1667	2.4324	0.0219	3.0904	3.1123
348.2	2.4311	0.0351	3.0851	3.1202
348.2333	2.4331	0.0088	3.0917	3.1005
348.2667	2.4341	0.0351	3.0878	3.1228

AREVA NP, Inc.

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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
348.3	2.4304	0.0351	3.0865	3.1215
348.3333	2.4331	0.0351	3.0904	3.1255
348.3667	2.4334	0.0351	3.0891	3.1242
348.4	2.4318	0.0219	3.0838	3.1057
348.4333	2.4328	0.0219	3.0812	3.1031
348.4667	2.4337	0.0088	3.0825	3.0913
348.5	2.4311	0.0219	3.0904	3.1123
348.5333	2.4344	0.0219	3.0838	3.1057
348.5667	2.4318	0.0219	3.0838	3.1057
348.6	2.4334	0.0219	3.0891	3.111
348.6333	2.4304	0.0219	3.0878	3.1097
348.6667	2.4337	0.0219	3.0865	3.1084
348.7	2.4334	0.0351	3.0891	3.1242
348.7333	2.4347	0.0351	3.0904	3.1255
348.7667	2.4354	0.0219	3.0838	3.1057
348.8	2.4304	0.0351	3.0825	3.1176
348.8333	2.4324	0.0351	3.0865	3.1215
348.8667	2.4341	0.0482	3.0825	3.1307
348.9	2.4331	0.0219	3.0799	3.1018
348.9333	2.4314	0.0219	3.0825	3.1044
348.9667	2.4347	0.0351	3.0825	3.1176
349	2.4334	0.0219	3.0746	3.0965
349.0333	2.4347	0.0088	3.0707	3.0794
349.0667	2.4341	0.0351	3.0825	3.1176
349.1	2.4347	0.0088	3.0773	3.086
349.1333	2.4341	0.0351	3.0773	3.1123
349.1667	2.4337	0.0351	3.0759	3.111
349.2	2.4344	0.0351	3.0681	3.1031
349.2333	2.4337	0.0219	3.072	3.0939
349.2667	2.4347	0.0219	3.0746	3.0965
349.3	2.4364	0.0482	3.0786	3.1268
349.3333	2.4314	0.0351	3.0799	3.115
349.3667	2.4357	0.0219	3.0733	3.0952
349.4	2.436	0.0219	3.0707	3.0926
349.4333	2.4347	0.0088	3.0812	3.09
349.4667	2.4334	0.0351	3.0773	3.1123
349.5	2.4377	0.0088	3.0786	3.0873
349.5333	2.4374	0.0219	3.0733	3.0952
349.5667	2.4377	0.0351	3.0746	3.1097
349.6	2.4344	0.0219	3.0773	3.0992
349.6333	2.4347	0.0219	3.0812	3.1031
349.6667	2.4347	0.0219	3.0825	3.1044
349.7	2.4341	0.0482	3.0799	3.1281

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Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
349.7333	2.4364	0.0351	3.0786	3.1136
349.7667	2.436	0.0219	3.0786	3.1005
349.8	2.4334	0.0219	3.0681	3.09
349.8333	2.4377	0.0351	3.0759	3.111
349.8667	2.4328	0.0219	3.0773	3.0992
349.9	2.4357	0.0351	3.072	3.1071
349.9333	2.4351	0.0351	3.0733	3.1084
349.9667	2.4331	0.0482	3.0681	3.1163
350	2.4278	0.0351	2.7354	2.7704
350.0333	2.4054	12.4484	2.3803	14.8287
350.0667	2.3482	10.9099	2.1002	13.0101
350.1	2.2892	9.7396	1.8596	11.5992
350.1333	2.2382	8.7402	1.6413	10.3815
350.1667	2.182	7.7803	1.4427	9.223
350.2	2.127	6.9913	1.2508	8.242
350.2333	2.0793	6.2943	1.0969	7.3912
350.2667	2.0266	5.6894	0.9523	6.6417
350.3	1.9769	5.032	0.8221	5.854
350.3333	1.9269	4.4928	0.6998	5.1926
350.3667	1.8768	3.8748	0.5946	4.4694
350.4	1.8304	3.5066	0.496	4.0026
350.4333	1.7824	3.0201	0.4105	3.4305
350.4667	1.7373	0.0219	0.3447	0.3667
350.5	1.6938	0.0351	0.0002	0.0353
350.5333	1.6511	0.0351	0.0015	0.0366
350.5667	1.607	0.0219	0.0015	0.0235
350.6	1.5622	0.0219	0.0015	0.0235
350.6333	1.523	0.0351	0.0002	0.0353
350.6667	1.4832	0.0219	0.0015	0.0235
350.7	1.4424	0.0351	0.0015	0.0366
350.7333	1.4012	0.0088	0.0015	0.0103
350.7667	1.3687	0.0088	0.0015	0.0103
350.8	1.3285	0.0219	0.0028	0.0248
350.8333	1.2907	0.0219	0.0015	0.0235
350.8667	1.2581	0.0351	0.0015	0.0366
350.9	1.2225	0.0351	0.0028	0.0379
350.9333	1.189	0.0219	0.0015	0.0235
350.9667	1.1544	0.0088	0.0002	0.009
351	1.1241	0.0219	0.0015	0.0235
351.0333	1.0915	0.0351	0.0015	0.0366
351.0667	1.0586	0.0351	0.0028	0.0379
351.1	1.0267	0.0219	0.0015	0.0235
351.1333	0.999	0.0088	0.0028	0.0116

AREVA NP, Inc.

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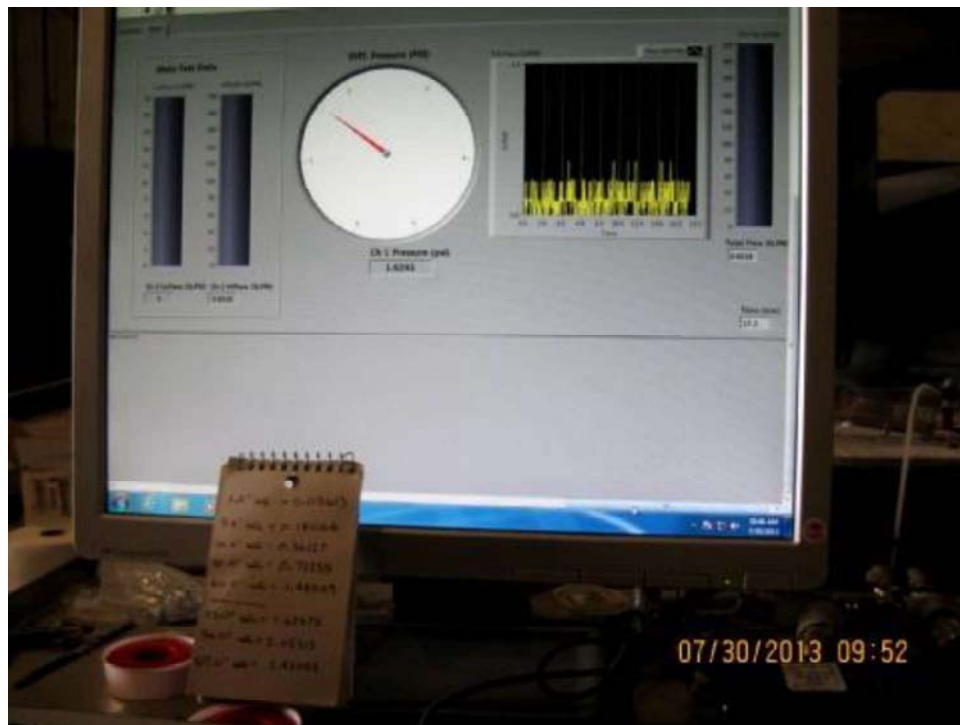
July 30, 2013

Time (min)	Ch 1 dP (psi)	Ch 2 High Flow (LPM)	Ch 3 Low Flow (LPM)	Total Flow (LPM)
351.1667	0.9711	0.0088	0.0028	0.0116
351.2	0.9447	0.0088	0	0.0088
351.2333	0.9135	0.0351	0.0002	0.0353
351.2667	0.8878	0.0088	0.0028	0.0116
351.3	0.8578	0.0351	0.0002	0.0353
351.3333	0.8338	0.0351	0.0028	0.0379
351.3667	0.8088	0.0088	0.0015	0.0103
351.4	0.7851	0.0219	0	0.0219
351.4333	0.7624	0.0219	0.0015	0.0235
351.4667	0.7338	0.0351	0.0015	0.0366
351.5	0.7137	0.0219	0.0015	0.0235
351.5333	0.692	0.0088	0.0002	0.009
351.5667	0.6699	0.0482	0.0002	0.0484
351.6	0.6459	0.0219	0.0002	0.0221
351.6333	0.6265	0.0351	0.0028	0.0379
351.6667	0.6018	0.0088	0.0015	0.0103
351.7	0.583	0.0351	0.0028	0.0379
351.7333	0.5626	0.0351	0.0015	0.0366
351.7667	0.5462	0.0088	0.0002	0.009
351.8	0.5248	0.0219	0.0002	0.0221
351.8333	0.51	0.0351	0.0002	0.0353
351.8667	0.4919	0.0351	0.0015	0.0366
351.9	0.4731	0.0351	0.0028	0.0379
351.9333	0.4576	0.0219	0.0015	0.0235
351.9667	0.4395	0.0219	0.0015	0.0235
352	0.4224	0.0351	0.0015	0.0366
352.0333	0.4059	0.0482	0.0002	0.0484
352.0667	0.3905	0.0482	0.0042	0.0524
352.1	0.3786	0.0351	0.0015	0.0366
352.1333	0.3595	0.0219	0.0015	0.0235
352.1667	0.3497	0.0351	0.0028	0.0379

## APPENDIX C

### Photographs



















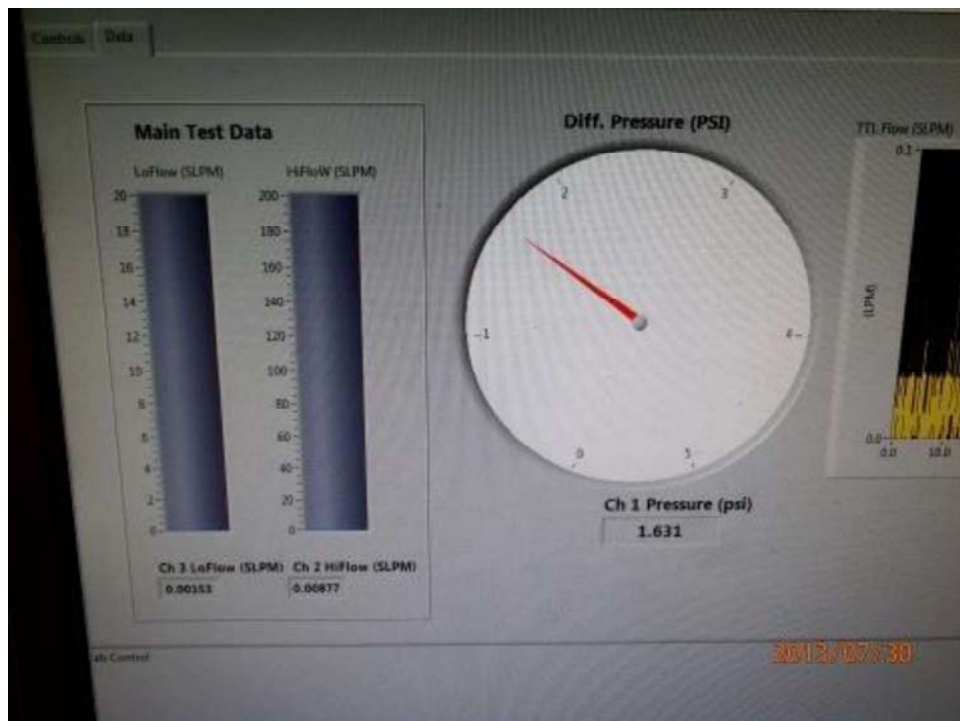


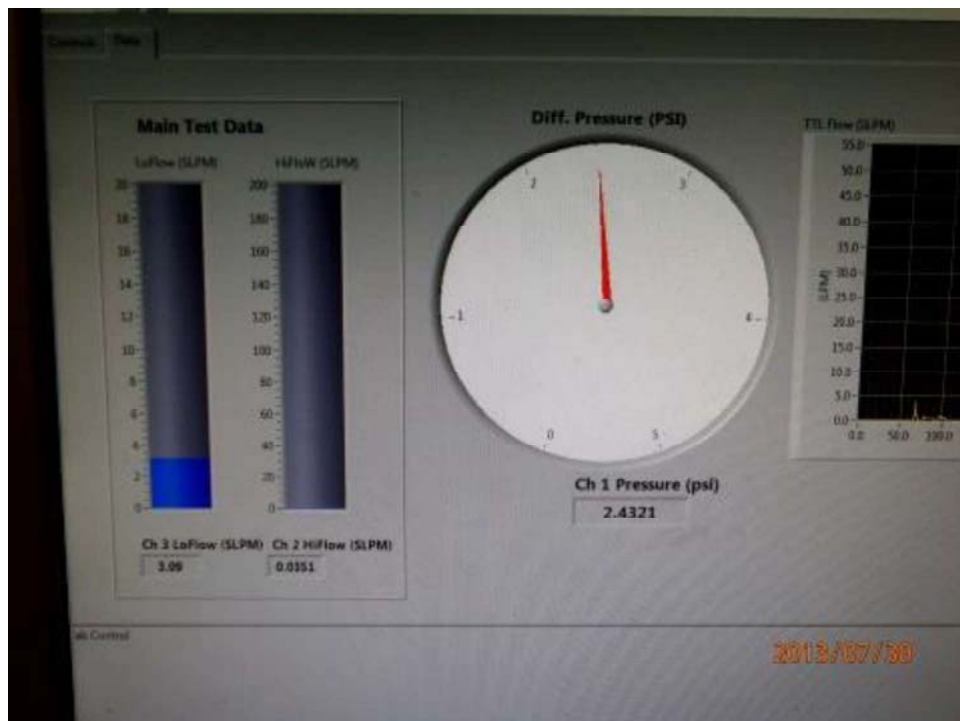
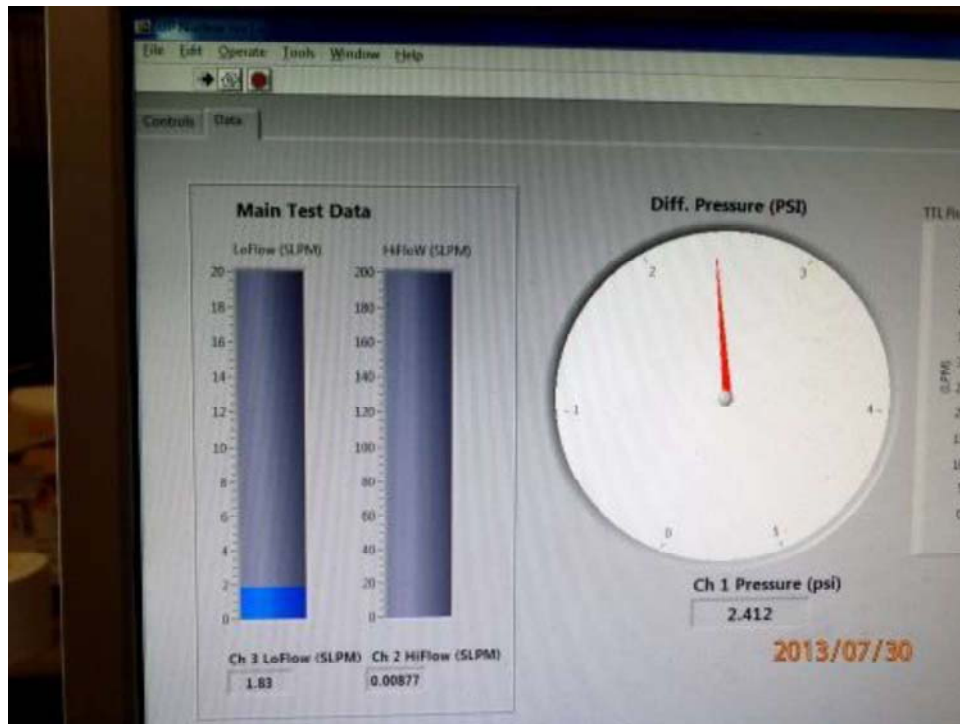




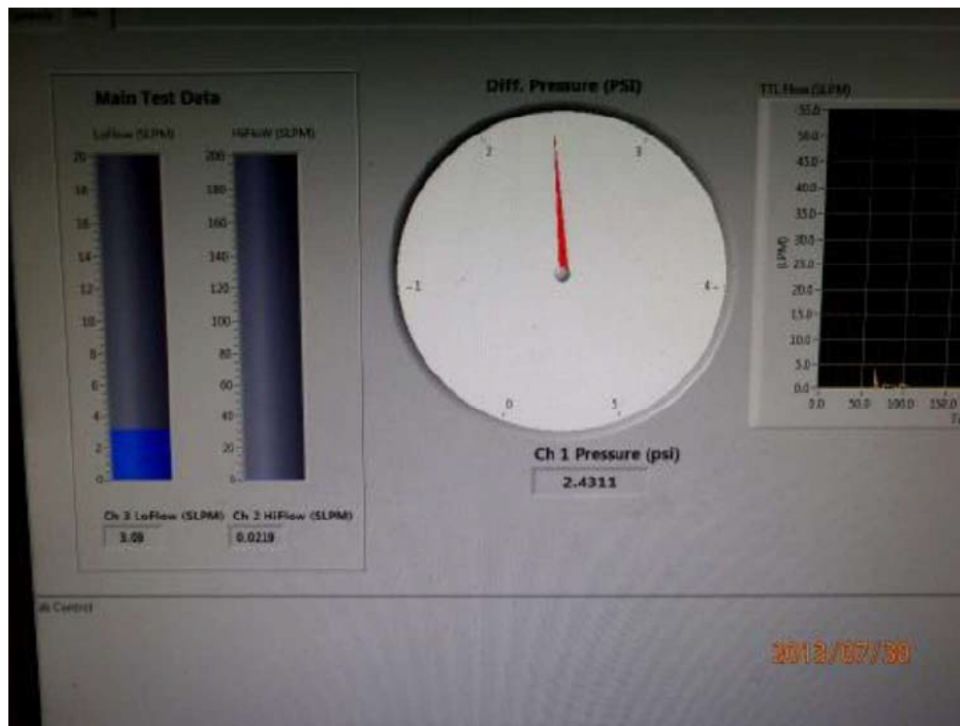






















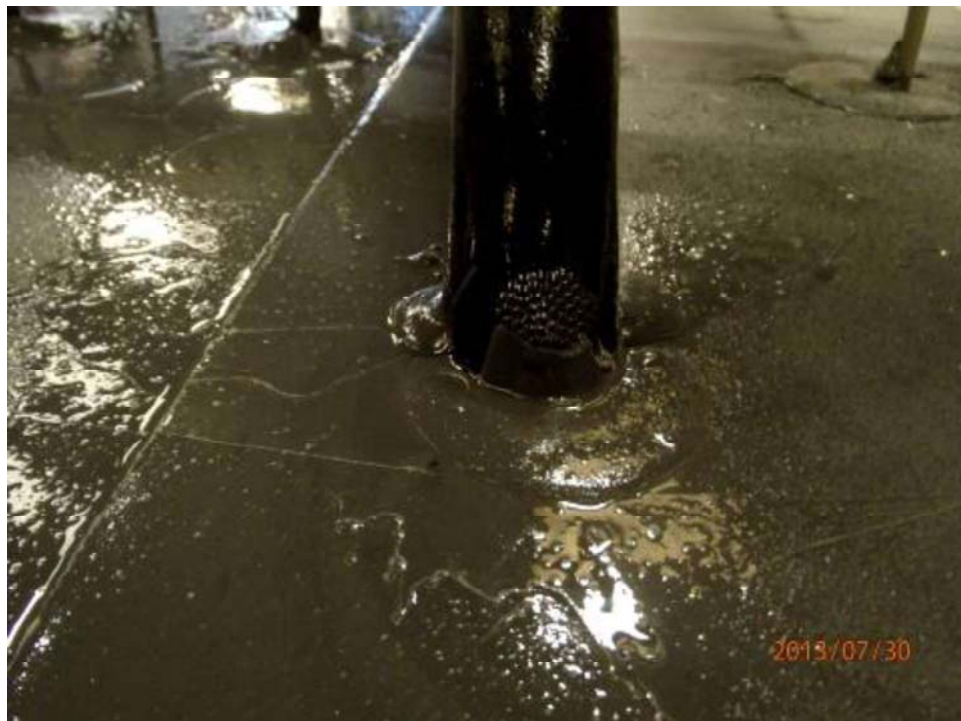












## APPENDIX D

### Test Plan



20004-019 (11/20/2012)

## AREVA NP Inc.

### Engineering Information Record

Document No.: 51 - 9207912 - 000

#### Detailed Test Plan for Conducting Seismic Pressure Test 2



Mike Dey  
Staff Engineer, Intertek



Michael A. Brown  
Quality Supervisor

Page 1 of 27





20004-019 (11/20/2012)  
Document No.: 51-9207912-000

Detailed Test Plan for Conducting Seismic Pressure Test 2

Safety Related? ☒ YES ☐ NO

Does this document establish design or technical requirements? ☐ YES ☒ NO

Does this document contain assumptions requiring verification? ☐ YES ☒ NO

Does this document contain Customer Required Format? ☐ YES ☒ NO

Signature Block

Name and Title/Discipline	Signature	P/LP, R/LR, A-CRF, A	Date	Pages/Sections Prepared/Reviewed/ Approved or Comments
Andrew Ochsankahl Engineer III / PEYF1-A		P	7/11/13	All
Donald Meyer Engineer II / PEYF1-A		R	7/11/13	All
Scott Groesbeck Manager Tech Ops / PEYF1-A		A	7/11/13	All
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Note: P/LP designates Preparer (P), Lead Preparer (LP)  
R/LR designates Reviewer (R), Lead Reviewer (LR)  
A-CRF designates Project Manager Approver of Customer Required Format (A-CRF)  
A designates Approver/RTM – Verification of Reviewer Independence

MOX Services concurrence: Richard Warren - Sr. Fire Protection Engineer	11Jul13
Name / Title	Date



20004-019 (11/20/2012)  
Document No.: 51-9207912-000

Detailed Test Plan for Conducting Seismic Pressure Test 2

**Record of Revision**

Revision No.	Pages/Sections/ Paragraphs Changed	Brief Description / Change Authorization
000	All	Initial Issue. This document contains the main body of the report (pages 1-19), Appendix A (1 page), Appendix B (1 page), Appendix C (4 pages), and Appendix D (2 pages) for a total of 27 pages.



Document No.: 51-9207912-000

Detailed Test Plan for Conducting Seismic Pressure Test 2

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**ACRONYMS**

CGD	Commercial Grade Dedication
CGI	Commercial Grade Item
IROFS	Items Relied On For Safety
MOX	Mixed Oxide
MFFF	Mixed Oxide Fuel Fabrication Facility
QL	Quality Level
pcf	pounds per cubic foot
psf	pounds per square foot
SSC	Structures, Systems and Components
w.g.	Water Gauge

**Penetration Seal Materials**

DC 170	Dow Corning Sylgard® 170 Silioone Elastomer
QSil 5558MC	Quantum Silicones QSil 5558MC Silicone Elastomer
SF-60-IR	Promatec SF-60-IR Inhibition Resistant Silicone Elastomer





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## BACKGROUND

AREVA NP (AREVA) is assisting Shaw AREVA MOX Services (MOX Services) in the development and implementation of a penetration seal program for the Mixed Oxide Fuel Fabrication Facility (MFFF). One aspect of the MOX penetration seal program includes conducting various types of qualification tests of penetration seal assemblies to substantiate the performance capabilities of specific penetration seal designs. Seismic pressure testing is one type of qualification testing that needs to be performed in order to demonstrate the capability of MOX penetration seal designs to survive a seismic event. Other types of qualification testing, such as fire testing and pressure testing of penetration seal assemblies, are addressed by other test plans.

### 1.0 PURPOSE

The purpose of this test plan is to define the test assemblies, test methods and acceptance criteria for conducting seismic pressure tests in support of the MOX penetration seal program.

This test plan defines the test methods, acceptance criteria and test report documentation requirements for penetration seal Seismic Pressure Test 2. Additionally, this detailed test plan defines the roles and responsibilities of MOX Services, AREVA, the selected testing laboratory, and any other subcontracted entity engaged in support of seismic pressure testing efforts.

This detailed test plan also describes the procurement plan for materials associated with penetration seal Seismic Pressure Test 2 and identifies the entities responsible for procuring the various components of the test assembly based on the quality level assigned to each component.

This test plan also establishes minimum quality requirements for the penetration seal materials used in the test assembly and links quality requirements in the AREVA QA program to customer/project quality requirements.

The configuration being tested by Seismic Pressure Test 2 is the same assembly that was tested under Pressure Test 5 (51-9201447, latest revision). This configuration is a 48" x 34" empty penetration sealed with an 8" depth of 3 different silicone elastomer materials (SF-60-IR, Qsil 5558MC and DC-170).

### 2.0 OBJECTIVE

The primary objective of this test plan is to evaluate the seismic resistance capabilities of the test assembly using alternating pressures at the air pressure increments above atmospheric pressure provided in Section 9.2.

The specific configuration to be tested is described below. Critical characteristics and the associated limiting parameters that will be substantiated by a successful test are also provided.

#### 2.1 Test Deck Description

The test deck will consist of a 12" thick concrete slab measuring approximately 96" x 96" (8' x 8') [Note: Final test slab size to be determined by Intertek and documented in the final test report]. Within this slab will be one (1) precast 48" x 34" opening sized to replicate penetrations found in the MOX facility. The test deck will be horizontally oriented with a hemispherical 72" diameter steel pressure vessel mounted above and below the precast opening in the slab.

Note: It is anticipated that the slab with the silicone elastomer seal material used for Pressure Test 5 will not be damaged during Pressure Test 5 and will be available for reuse in this pressure test. For the purpose of Seismic Pressure Test 2, no changes will be made to the silicone elastomer seal installed for Pressure Test 5 (51-9201447, latest revision).



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Additionally, most of the openings (penetrations) in the MOX facility have been cast with a  $\frac{3}{4}$ " bevel on both sides of the opening. For testing and qualification purposes, this feature is considered aesthetic, and it has no adverse effect on the functional performance of the penetration seal installation. In fact for some applications, such as in the case of seismically qualified penetrations seals, the bevel provides a benefit over non-beveled openings. Therefore, for the purposes of the penetration seal test program, the bevel feature will not be included for the seismic pressure test covered in this test plan.

Drawings showing the general layout of the test deck (test slab) for this seismic pressure test can be found in Appendix A.

Note: If the slab from Pressure Test 5 was damaged during testing or is otherwise not available, this test plan will require revision.
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## 2.2 Test Description

Seismic Pressure Test #2 is a 48" x 34" empty blackout (i.e., contains no penetrating items). All sides of the opening will be unlined, bare concrete (i.e., no liners, coatings or sleeve materials).

The penetrating items for this blackout will include the following items found in Shaw AREVA MOX Services Drawings DCS01-ZMJ-DS-NTE-N-65107-2 Sheets 84-116, "Technical Engineering Information" [Reference 12.9]:

- (1) 0.32" diameter cable with 15 mil CSPE jacket, product mark no. wfb-7
- (1) 0.50" diameter cable with 45 mil CSPE jacket, product mark no. wfa-1
- (1) 1.54" diameter cable with 80 mil CSPE jacket, product mark no. wfa-13
- (1) 0.248" diameter cable with 15 mil XLPE jacket, product mark no. whe-2
- (1) 0.33" diameter cable with 60 mil XLPE jacket, product mark no. wbe-1
- (1) 0.25" diameter cable with 7 mil Modified XLPO jacket, product mark no. whe-8
- (1) 0.44" diameter cable with 9 mil Modified XLPO jacket, product mark no. wbh-1
- (1) 0.53" diameter cable with 35 mil LSZH - XLPO jacket, product mark no. wfa-26
- (1) 1.02" diameter cable with 65 mil LSZH - XLPO jacket, product mark no. wfe-6

The cables will penetrate through the opening, make a "u" shaped bend on the pressurized side of the seal and penetrate through the opening again. In effect the cables will be looped with both ends of each cable terminating on the top side of the opening and forming a "u" shape on the bottom side of the opening.

Using alternating pressure, this test will evaluate seismic resistance capabilities of an eight (8) inch thick Dow Corning Sylgard® 170 Silicone Elastomer (DC-170), Quantum Silicones QSi 5558MC Silicone Elastomer (QSi 5558MC) and Promatec SF-60-IR Inhibition Resistant Silicone Elastomer (SF-60-IR) unlined penetration seal with no permanent damming. The division of penetration seal materials will be located within the opening as shown in Appendix A. The positions of penetrating commodities will be located within the opening as shown in Appendix B.



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### 2.3 Critical Characteristics and Limiting Parameters Being Tested

Each of the materials (DC-170, QSil 5558MC and SF-60-IR) will be tested against an unlined opening to ensure their bonding characteristics along the "bond area".

The specific critical characteristics and associated limiting parameters being tested for Seismic Pressure Test 2 are as follows:

- Unlined openings with cable penetrants.
- Penetration seal to concrete surface interface of 164 lineal inches, which equates to a total bond area of 1,312 sq. in. for the 8" thick seal.
- Penetration seal to cable surface interface of 16 lineal inches which equates to a total bond area of 130 sq. in. for the 8" thick seal. The cable decreases the surface area (pressurized area) of the seal by 3.5 sq. in. (when pressurized from the bottom of the slab).
- A relationship of "pressurized area" to "bond area" of 1,632:1,312 (or 1.24:1) when pressurized from above.

Note: The penetrating cables are to be looped beneath the slab. When the top of the slab is pressurized the total pressurized area on top of the slab (area of seal material plus area of cables) is the same as that of an opening without penetrations since the pressure is also applied to the cables. The bond between the seal and the cables does not provide any additional support for the seal material during the test when the top of the slab is pressurized so the total bond area is the area between the seal material and the slab.

- A relationship of "pressurized area" to "bond area" of 1,628.5:1,442 (or 1.13:1) when pressurized from below.

Note: When the bottom of the slab is pressurized, the total pressurized area on the bottom of the slab (area of seal material minus area of cables) is decreased by the area of the cables since pressure applied to the cables is transferred to the cable support. The bond between the seal and the cables does provide additional support to the seal during the test when the bottom of the slab is pressurized so the total bond area is the area between the seal material and the slab plus the area between the seal material and the cables.

### 3.0 ACCEPTANCE CRITERIA

Seismically qualified penetration seals at the MOX facility are required to remain in the opening (penetration) during and after a Design Earthquake seismic event. In order demonstrate that a penetration seal will remain in place, the seal will have to be evaluated for two conditions: 1) The seismic inertia of the self-weight of the seal will have to be evaluated; and 2) The seismic deflection of the commodities penetrating the seal will have to be considered.

Seismic pressure testing will be used to evaluate the seismic inertia of the self-weight of the seal assembly. This will be accomplished by applying a pressure to alternating sides of the penetration seal to demonstrate that the seal will not become dislodged from the opening due to the seismic inertia of the self-weight of the seal. The seismic deflection of commodities that penetrate the seal will be addressed by a separate analysis.

Ultimately, the overall seismic qualification of MOX penetration seal assemblies will be captured in a penetration seal seismic qualification report that will tie together the results of seismic pressure testing with other analyses performed to address seismic deflection of commodities that penetrate the seal.

The acceptance criterion for evaluating the seismic inertia of the seal self-weight is calculated in MOX Services Calculation "Penetration Seal Seismic Requirements" [Reference 12.1] and expressed as an equivalent pressure. Testing at this equivalent pressure will qualify that a penetration seal assembly will remain in place (i.e., the





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penetration seal cannot become dislodged from the opening or otherwise catastrophically fail such that a substantial leakage path is created) during the design earthquake seismic event.

The relative movement of the items penetrating a seal and the movement of the wall / seal during a seismic event are not considered as a part of this test. A separate engineering evaluation is required to evaluate the effect of movement on a seal with penetrating items during a seismic event.

No pressure inducing events are required to be considered concurrently with a seismic event.

Table 9-1 identifies the differential pressure levels (stages) for conducting seismic pressures tests, as well as, the acceptance criteria in order for the penetration seal assemblies to meet the seismic pressure testing requirements.

#### **4.0 RESPONSIBILITIES**

The following roles and responsibilities apply to this generic test plan.

##### **4.1 MOX Services**

- 4.1.1 Provide review and concurrence of detailed seismic pressure test plans.
- 4.1.2 Provide concurrence for any revisions made to detailed seismic pressure test plans during test specimen construction activities.
- 4.1.3 Provide some of the materials for test assembly construction from MOX Services surplus or scrap (if available).
- 4.1.4 Reserves the right to witness seismic pressure tests.

##### **4.2 AREVA**

- 4.2.1 Develop detailed seismic pressure test plans.
- 4.2.2 Provide management and oversight of all aspects of the MOX penetration seal test program.
- 4.2.3 Select the seismic pressure testing facility and establish sub-contract agreements.
- 4.2.4 Provide engineering instructions to the testing laboratory for performance of the test including test parameters, acceptance criteria, requirements for documenting the test results in a final test report, etc.
- 4.2.5 Procure any penetration seal materials, devices or components required to be Safety Related (QL-1) as designated in the procurement plan section of the test plan.
- 4.2.6 Notify MOX Services at least 10 days prior to test date to facilitate MOX Services decision to witness the seismic pressure test.
- 4.2.7 Witness seismic pressure tests.
- 4.2.8 Perform post-test examinations.
- 4.2.9 Review, approve and issue final test reports.



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#### **4.3 Testing Laboratory**

- 4.3.1 Notify AREVA at least 5 days prior to the start of test assembly construction activities.
- 4.3.2 Construct test deck in accordance with the detailed test plan and AREVA direction.
- 4.3.3 Procure test deck materials and any other test assembly components identified under the Testing Laboratory scope in the procurement plan section of the detailed test plan.
- 4.3.4 Procure testing equipment necessary for seismic pressure testing services in accordance with the detailed seismic pressure test plans and verify that the testing equipment is properly calibrated.
- 4.3.5 Provide seismic pressure testing services in accordance with the approved detailed seismic pressure test plan.
- 4.3.6 Assist AREVA, as necessary, in conducting detailed post-test destructive examinations of the test assemblies.
- 4.3.7 Dispose of test assemblies upon completion of the seismic pressure test.
- 4.3.8 Generate final test reports in accordance with test plan requirements.

#### **4.4 Other Subcontracted Entities**

There are no other Subcontractors for this seismic pressure test plan.

#### **5.0 PROCUREMENT PLAN**

Penetration seal seismic pressure testing involves many elements beyond the penetration seal material being qualified. Some of these elements include the test deck or test slab, several different types of penetrating items, supports for penetrating items, various fasteners for securing test articles and laboratory instrumentation to the test assembly, etc. Not all elements of the test program are required to be procured to the same quality level as the penetration seal material to satisfy the quality requirements of the end product (e.g., QL-1 qualified penetration seals). The following procurement plan takes into consideration the required quality level of the various materials envisioned to be required for a typical penetration seal seismic pressure test and prescribes an approach for material procurement which considers cost, schedule and quality requirements.

#### **5.1 Penetration Seal Materials**

The vast majority of penetration seals that will be installed throughout the MFFF are designated QL-1. MOX Services defines QL-1 in PP9-1, "SSC Quality Levels & Marking Design Documents" [Reference 12.2] as follows:

*QL-1 SSCs are typically IROFS (all IROFS are QL-1 and may be either SSCs or Administrative Controls) credited in the Integrated Safety Analysis with a required function to prevent or mitigate design basis events such that high-consequence events are made highly unlikely; intermediate-consequence events are made unlikely; or to prevent criticality. For example, the failure of an IROFS item could cause:*

1. *Loss of a primary confinement feature leading to release of material resulting in exceeding 10CFR70.61 performance requirements;*



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2. *Failure to satisfy the double contingency principle for the prevention of a criticality accident; or*
3. *Loss of other safety function required to meet 10CFR70.61 performance requirements.*

This definition correlates with the following definition of "Nuclear Safety Related" in AREVA Administrative Procedure (AP) 1702-25, "Assignment of Nuclear Safety Classification to Products and Services" [Reference 12.3]:

*Definition of "Nuclear Safety Related"*

*Company products and services are considered to be nuclear safety related if they involve the evaluation, specification, design or change in design, operation, or performance of structures, systems, and components which must function directly, or must support other systems which function, to ensure any of the following:*

- *The integrity of the reactor coolant pressure boundary*
- *The capability to shut down the reactor and maintain it in a safe shutdown condition*
- *The capability to prevent or mitigate the consequences of accidents which could result in potential offsite radiation exposures greater than accepted limits.*

On this basis, permanent penetration seal materials used in this test program shall be procured by AREVA or supplied by MOX Services and suitably base-lined so that future procurements of the same commercial materials can undergo the commercial grade dedication process in support Nuclear Safety Related (i.e., MOX QL-1) plant installations. Only the primary seal material specified as a part of the final seal design and which are left in place during testing become an integral part of the seal assembly and need to be base-lined for future dedication of similarly procured materials.

The quality level of the penetration seal materials procured for this test plan is **Non-Safety**.

Note: Commercial Grade Dedication (CGD) must be performed for Commercial Grade Items (CGIs) used in Safety Related applications when procured from suppliers where specific quality controls for nuclear applications cannot be imposed in a practical manner in accordance with 56-9141754-001, "AREVA NP Inc. Quality Assurance Program" [Reference 12.4]. However, none of the seal materials to be procured and used in the test program are intended or approved for installation in the MOX facility. Therefore, CGD of penetration seal materials used for test purposes is not required.

For these seismic pressure tests, the following materials shall be procured by AREVA and base-lined for future dedication activities.

1. Dow Corning Sylgard 170 Silicone Elastomer
2. Quantum Silicones QSil 5558MC Silicone Elastomer
3. Promatec SF-60-IR Inhibition Resistant Silicone Elastomer

## 5.2 Test Deck/Test Slab

The test deck/test slab will be used to simulate a boundary in which the penetration seal assemblies may be installed. The test deck/test slab is not considered an integral part of the penetration seal assembly being tested and therefore is not intended to replicate MOX-specific plant conditions and not considered





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integral in bounding the performance of the penetration seal assemblies (e.g., concrete blend, compressive strength, rebar size and spacing). The test deck/test slab will be comprised of normal weight reinforced concrete, unless otherwise stipulated in the detailed test plan.

Openings cast into the test deck/test slab will simulate certain features consistent with MOX penetrations (e.g., painted or coated interior finishes, etc.) as defined by detailed test plan drawings contained in Appendix A.

The testing laboratory shall be responsible for procuring all materials and components associated with the construction of the test deck/test slab, unless otherwise specified in the detailed test plan. The test deck shall comply with the requirements of the approved detailed test plan drawings contained in Appendix A, and shall be constructed in accordance with the testing facility's Quality Assurance Program.

The quality level of the test deck is **Non-safety**.

### 5.3 Penetrating Items

Penetrating items (e.g., cables) will be used in this pressure test to simulate MOX-specific plant commodities during the pressure test but are not considered an integral part of the penetration seal assembly being tested. Therefore, the quality level of the penetrating items is **Non-safety**.

Penetrating items for this pressure test will come from MOX Services. MOX Services supplied items are identified on the MOX Services Bill of Materials in Section C.2 of Appendix C.

## 6.0 SPECIAL PRECAUTIONS

### 6.1 Precautions for Construction of Test Assemblies

Observe testing facilities safe work practices for construction, lifting, and moving of test assemblies.

### 6.2 Precautions for Installation of Seal Assemblies

Observe specific precautions recommended by seal material manufacturer as noted on product literature and material safety data sheets contained in AREVA NP Inc. Document 01-9198306, *Installation Instruction Manual for MOX Penetration Seal Test Program* [Reference 12.5].

### 6.3 Precautions for Conducting Seismic Pressure Tests

Proper safety precautions shall be exercised to preclude personnel from direct exposure to loss of pressure events, unexpected disengaging of testing equipment from the test deck, and all other related hazards.

## 7.0 PREREQUISITES

### 7.1 General Test Configuration Requirements

The test assembly, including slab layout and penetration seal configurations shall be as specified by AREVA and in accordance with the drawings and information contained in Appendix A of this test plan.



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and AREVA NP Inc. Document 01-9198306, *Installation Instruction Manual for MOX Penetration Seal Test Program* [Reference 12.5].

## **7.2 Safety Related Materials**

Penetration seal materials that are purchased **Non-Safety** for this test program but are to be base-lined for future Nuclear Safety Related via the Commercial Grade Dedication process are indicated on the AREVA Bill of Materials (Appendix C.1).

## **7.3 Dimensioned Drawings**

All test articles shall conform to the dimensioned drawings supplied by AREVA and contained in Appendix A of this test plan. Any differences between designed and constructed/tested assemblies shall be noted in final drawings contained within the test report.

## **7.4 Test Configuration**

All test articles shall be securely fastened to the test apparatus by the laboratory. All openings shall be sealed in accordance with test plan instructions, drawings (Appendix A and Appendix B) and AREVA Document 01-9198306 [Reference 12.5].

## **8.0 TEST ASSEMBLY CONSTRUCTION**

### **8.1 Test Slab Construction**

The Testing Laboratory shall construct the test slab, including location and size of openings and placement of penetrating items, in accordance with the drawings contained in Appendix A of this Test Plan.

AREVA QC (or approved designee) shall conduct an inspection of the test slab for compliance with the approved Test Plan drawings prior to installation of individual penetration seal test assemblies. Any differences between the approved Test Plan drawings and the as-built test slab configuration shall be corrected (if deemed necessary by the AREVA Test Engineer) or noted by the QC Inspector (if correction is not required). Completion of this verification shall be documented as required by AREVA Document 01-9198306, *Installation Instruction Manual for MOX Penetration Seal Test Program* [Reference 12.5].

### **8.2 Penetration Seal Installation**

AREVA (or approved designee) shall install the penetration seal test assemblies in accordance with the drawings contained in Appendix A of this detailed test plan and in accordance with AREVA Document 01-9198306, *Installation Instruction Manual for MOX Penetration Seal Test Program* [Reference 12.5].

QA/QC verification of penetration seal installations shall be documented as required by AREVA Document 01-9198306, *Installation Instruction Manual for MOX Penetration Seal Test Program* [Reference 12.5].

### **8.3 Pre-Test Verifications**

Prior to conducting the seismic pressure test for each test assembly, the AREVA Test Engineer shall sign-off indicating that the test article (test penetration) is complete and ready for testing as required by AREVA Document 01-9198306, *Installation Instruction Manual for MOX Penetration Seal Test Program* [Reference 12.5].



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## 9.0 PROCEDURE

### 9.1 Seismic Pressure Test Apparatus

The seismic pressure test apparatus to be used for these seismic pressure tests shall be constructed and maintained by the testing laboratory. Two hemispherical 72" diameter steel pressure vessels shall be used to construct the assembly. One side shall be used to induce the testing pressures above atmospheric pressure based on Table 9-1, while the other side shall measure the pressure increase or "leakage" through the penetration. The test apparatus shall be "leak-tight" and substantial enough to withstand the pressures created for test purposes. Attachment shall be sufficient to withstand the forces imposed on the pressure vessels during the test.

### 9.2 Process

The differential pressures calculated for seismic pressure testing purposes, as they apply to MFFF penetration seal designs, are discussed in Calculation DCS01-ZEQ-EQ-CAL-M-10118-0 [Reference 12.1]. The seismic pressure testing will be performed using the requirements for the seal material being tested based upon the seal weight per square foot found in Calculation DCS01-ZEQ-EQ-CAL-M-10118-0 [Reference 12.1].

The pressure levels to be used for the seismic pressure will be specified in Table 9-1 in the detailed seismic pressure test plans. The pressure used in each seismic pressure test is intended to bound a calculated differential pressure based on the penetration seal material's weight per square foot as detailed in the referenced calculation, with additional margin. The penetration seal seismic requirements in the referenced calculation are based upon the seal system type and the seal material. The bounding differential pressure to be used for each penetration seal seismic pressure test, the test hold time at each pressure, the acceptance criteria to meet the seismic pressure testing requirements, and the basis for each pressure are identified in Table 9-1.

A hold time of 5 minutes has been established for each test stage to ensure that sufficient time at pressure is maintained to confirm that the penetration seal will not catastrophically fail (i.e., will not become dislodged from the opening). This hold time provides reasonable assurance that the penetration seal meets the requirements stated in Calculation DCS01-ZEQ-EQ-CAL-M-10118-0 [Reference 12.1].

**Table 9-1: Differential Seismic Pressure Test Levels**

Test Stage	Differential Pressure (inch w.g.)	Required Hold Time (minutes)	Acceptance Criteria	Basis for the Selected Differential Pressure
1-4	45 (Note 1)	5	Penetration Seal Remains in Opening (Does not become dislodged)	Testing at this differential pressure meets the seismic demand expressed as a pressure [Reference 12.1]

Note 1: For Seismic Pressure Test 2, a nominal density of 85 pcf was used for each of the 3 silicone elastomer seal materials installed for the purposes of determining the test penetration seal's weight per square foot. 85 pcf bounds the installed seal material with margin. 85 pcf times a seal depth of 8", yields a seal weight of approximately 56.7 psf. Based on Figure B-2.1 of Reference 12.1, the corresponding seismic pressure for a seal weight of 56.7 psf is approximately 44.7 inches w.g. Therefore, for Seismic Pressure Test 1 an equivalent seismic pressure of 45 inches w.g. shall be used.





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Each test assembly shall be attached to the seismic pressure test apparatus and subjected to the pressures identified in Table 9-1 as described below.

- 9.2.1 For Stage 1, each test assembly shall be attached to the pressure test apparatus and subjected to air pressure test at the select pressure level identified in Table 9-1. Once this pressure has been obtained, the pressure shall be maintained for the hold time specified in Table 9-1. If the penetration seal catastrophically fails during this time, the time of failure shall be noted and the test shall be stopped.
- 9.2.2 Once the designated hold time for Stage 1 has been achieved, the pressure shall be vented from the test chamber. Next, the pressure identified in Table 9-1 for Stage 2 shall be applied to the opposite side of the penetration seal and held for the designated hold time. If the penetration seal catastrophically fails during this time, the time of failure shall be noted and the test shall be stopped.
- 9.2.3 Once the designated hold time for Stage 2 has been achieved, the pressure shall be vented from the test chamber. Next, the pressure identified in Table 9-1 for Stage 3 shall be applied to the original side of the penetration seal and held for the designated hold time. If the penetration seal catastrophically fails during this time, the time of failure shall be noted and the test shall be stopped.
- 9.2.4 Once the designated hold time for Stage 3 has been achieved, the pressure shall be vented from the test chamber. Finally, the pressure identified in Table 9-1 for Stage 4 shall be applied to the opposite side of the penetration seal and held for the designated hold time. If the penetration seal catastrophically fails during this time, the time of failure shall be noted and the test shall be stopped.
- 9.2.5 Following completion of Stage 4 pressure testing, the pressure shall be vented from the test chamber. At this point, the test may continue at the discretion of the AREVA test engineer and the testing laboratory manager in charge. Subsequent pressures, and hold times shall be recorded as directed by the AREVA test engineer.

<p>NOTE: The pressure used for the testing performed above is based on a seal material depth of 8 inches and a seal material density of 85 pcf. Should the test be successful, possible subsequent testing pressures may include those for a 10 inch depth of material (56 inches w.g.) and a 12 inch depth of material (67 inches w.g.).</p>
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- 9.2.6 If at any pressure level (or test stage) the penetration seal becomes dislodged from the opening or otherwise catastrophically fails, the pressure test shall be terminated and the time to failure and pressure at which the failure occurred shall be recorded.

### 9.3 Post Test Examination

Following completion of the seismic pressure test, visual and destructive (if deemed necessary) post-test examinations shall be performed. These examinations shall include, but not necessarily be limited to, the following:

Visual observations of penetration seal condition including:

- Integrity of seal and conditions on both sides of the penetration
- Location of greatest degradation
- Condition of seal to barrier interface
- Condition of seal to penetrating item interfaces



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- Condition of any permanent damming materials
- Condition of penetrating items

Once visual observations are complete, destructive examinations may be used to obtain additional information or gain extra insights into penetration seal performance during the seismic pressure tests.

## 10.0 DATA SYSTEMS

During the seismic pressure test, the various data systems connected to the test apparatus (blowers, anemometers, manometers, etc.) shall be controlled and monitored by the testing laboratory. Data recorded for these components shall be compiled and contained in the pressure test report.

## 11.0 TEST REPORT

The testing laboratory shall submit a report on the results of the test. The test report shall contain the collected data and required quality control documentation. The final test report shall be prepared in sufficient detail to summarize the total testing activity. The final report shall include as a minimum:

- Date of test
- Location of test
- Description of test apparatus and test articles
- Calibration documentation for all data systems connected to the test apparatus
- Test procedures used
- Acceptance criteria
- Provide quality control records
- Color digital photographs of the test project
- A chronological log (Event Log) of all activities from receipt of materials through final test report]

## 12.0 REFERENCES

- 12.1 Shaw AREVA MOX Services Calculation DCS01-ZEQ-EQ-CAL-M-10118-0, "*Penetration Seal Seismic Requirements*"
- 12.2 Shaw AREVA MOX Services Procedure PP9-1, Revision 13, "*SSC Quality Levels & Marking Design Documents*"
- 12.3 AREVA NP Inc. Procedure 1702-25, Revision 018, "*Assignment of Nuclear Safety Classification to Products and Services*"
- 12.4 AREVA NP Inc. Document 56-9141754-001, "*AREVA NP Inc. Quality Assurance Program*"
- 12.5 AREVA NP Inc. Document 01-9198306, latest revision, "*Installation Instruction Manual for MOX Penetration Seal Test Program*"
- 12.6 Shaw AREVA MOX Services Document DCS01-BRA-DS-TRD-B-01365-0, "*Technical Requirements Document for MFFF Penetration Seals*"



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- 12.7 Shaw AREVA MOX Services Specification DCS01-ZMJ-DS-SPE-M-21402-2, *"Equipment Seismic Qualification Specification"*
- 12.8 AREVA NP Inc. Document 51-9201447, latest revision, *"Detailed Test Plan for Conducting Pressure Test 5"*
- 12.9 Shaw AREVA MOX Services Drawings DCS01-ZMJ-DS-NTE-N-65107-2 Sheets 84-116, *"Technical Engineering Information"*

### Retrieval of Reference Documents

References 12.1, 12.2, 12.6, 12.7 and 12.9 of this document were not entered into the AREVA NP Records Management system because they can be retrieved using the Shaw AREVA MOX Services Records Management system. These documents have been authorized for use as design information in this document with the AREVA NP Project Manager's written authorization as indicated by the PM's signature on Page 2.





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**APPENDIX A: TEST DECK/TEST SLAB DRAWINGS**

It is anticipated that the slab with the silicone elastomer seal material used for Pressure Test 5 will not be damaged during Pressure Test 5 and will be available for reuse in this pressure test. For the purpose of Seismic Pressure Test 2, no changes will be made to the silicone elastomer seal installed for Pressure Test 5. For test slab drawings see Pressure Test 5 drawings in Appendix A of Document 51-9201447, latest revision, "Detailed Test Plan for Conducting Pressure Test 5" [Reference 12.8].



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**APPENDIX B: TEST PENETRATION DRAWINGS**

It is anticipated that the slab with the silicone elastomer seal material and cable penetrations used for Pressure Test 5 will not be damaged during Pressure Test 5 and will be available for reuse in this pressure test. For the purpose of Seismic Pressure Test 2, no changes will be made to the silicone elastomer seal or the cable penetrations installed for Pressure Test 5. For penetration drawings see Pressure Test 5 drawings in Appendix B of Document 51-9201447, latest revision, *"Detailed Test Plan for Conducting Pressure Test 5"* [Reference 12.8].



Document No.: 51-9207912-000

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Detailed Test Plan for Conducting Seismic Pressure Test 2

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**APPENDIX C: BILL OF MATERIALS**

This appendix contains the Bill of Materials for this fire test. The Bill of Materials in Section C.1 identifies materials to be provided by AREVA. The Bill of Materials in Section C.2 identifies materials to be provided by MOX Services. The Bill of Materials in Section C.3 identifies materials to be provided by Intertek.

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Page C-1



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Detailed Test Plan for Conducting Seismic Pressure Test 2

C.1 Table Bill of Materials for AREVA Supplied Items

Bill of Material for AREVA Supplied Items					
Item	Description	Part Number	Quantity	Units	Total
	None*				

None\* - Assuming a successful Pressure Test 5, the seal will already be in place, no additional materials will be necessary.



Document No.: 51-9207912-000

Detailed Test Plan for Conducting Seismic Pressure Test 2

**C.2 Bill of Materials for MOX Services Supplied Items**

Bill of Material for MOX Services Supplied Items					
Item	Description	Part Number	Quantity	Units	Total
	None*				

None\* - Assuming a successful Pressure Test 5, the cables will already be in place, no additional materials will be necessary.





Document No.: 51-9207912-000

Detailed Test Plan for Conducting Seismic Pressure Test 2

C.3 Bill of Materials for Intertek Supplied Items

Bill of Material for Intertek Supplied Items*					
Item	Description	Part Number	Quantity	Units	Total
	None				

\* This BOM applies to Intertek Supplied Items other than materials required to construct the test slab. Construction of the test slab, including procurement of any materials required for the test slab, is the responsibility of Intertek.



Document No.: 51-9207912-000

Detailed Test Plan for Conducting Seismic Pressure Test 2

**APPENDIX D: DESIGN VERIFICATION CHECKLIST**

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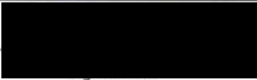
<b>DESIGN VERIFICATION CHECKLIST</b>	
Document Identifier    51    -    9207912    -    000 Title <u>Detailed Test Plan for Conducting Seismic Pressure Test 2</u>	
1.	Were the inputs correctly selected and incorporated into design or analysis? <input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> N/A
2.	Are assumptions necessary to perform the design or analysis activity adequately described and reasonable? Where necessary, are the assumptions identified for subsequent re-verifications when the detailed design activities are completed?  Note: If there are no assumptions (of any type), then N/A shall be checked. <input type="checkbox"/> Y <input type="checkbox"/> N <input checked="" type="checkbox"/> N/A
3.	Are the appropriate quality and quality assurance requirements specified? Or, for documents prepared per AREVA NP Inc. procedures, have the procedural requirements been met? <input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> N/A
4.	If the design or analysis cites or is required to cite requirements or criteria based upon applicable codes, standards, specific regulatory requirements, including issue and addenda, are these properly identified, and are the requirements/criteria for design or analysis met? <input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> N/A
5.	Have applicable construction and operating experience been considered? <input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> N/A
6.	Have the design interface requirements been satisfied? <input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> N/A
7.	Was an appropriate design or analytical method used? <input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> N/A
8.	Is the output reasonable compared to inputs? <input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> N/A
9.	Are the specified parts, equipment and processes suitable for the required application? <input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> N/A
10.	Are the specified materials compatible with each other and the design environmental conditions to which the material will be exposed? <input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> N/A
11.	Have adequate maintenance features and requirements been specified? <input type="checkbox"/> Y <input type="checkbox"/> N <input checked="" type="checkbox"/> N/A
12.	Are accessibility and other design provisions adequate for performance of needed maintenance and repair? <input type="checkbox"/> Y <input type="checkbox"/> N <input checked="" type="checkbox"/> N/A
13.	Has adequate accessibility been provided to perform the in-service inspection expected to be required during the plant life? <input type="checkbox"/> Y <input type="checkbox"/> N <input checked="" type="checkbox"/> N/A
14.	Has the design properly considered radiation exposure to the public and plant personnel? <input type="checkbox"/> Y <input type="checkbox"/> N <input checked="" type="checkbox"/> N/A
15.	Are the acceptance criteria incorporated in the design documents sufficient to allow verification that design requirements have been satisfactorily accomplished? <input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> N/A
16.	Have adequate preoperational and subsequent periodic test requirements been appropriately specified? <input type="checkbox"/> Y <input type="checkbox"/> N <input checked="" type="checkbox"/> N/A
17.	Are adequate handling, storage, cleaning and shipping requirements specified? <input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> N/A
18.	Are adequate identification requirements specified? <input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> N/A
19.	Is the document prepared and being released under the AREVA NP Inc. Quality Assurance Program? If not, are requirements for record preparation review, approval, retention, etc., adequately specified? <input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> N/A



Document No.: 51-9207912-000

Detailed Test Plan for Conducting Seismic Pressure Test 2

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<b>DESIGN VERIFICATION CHECKLIST</b>		
Document Identifier <u>51</u> - <u>9207912</u> - <u>000</u>		
Comments on the preceding responses: None		
Verified By: (First, MI, Last)	<u>D. T. Meyer</u> Printed / Typed Name	 Date

## APPENDIX E

### Commercial Grade Dedication-Related Documents

The vast majority of penetration seals that will be installed throughout the MFFF will be designated as quality level QL-1. For this reason, permanent penetration seal materials used in this test program were procured by AREVA or supplied by MOX Services and suitably base-lined so that future procurements of the same commercial materials can undergo the Commercial Grade Dedication process in support Nuclear Safety Related (i.e., MOX QL-1) plant installations.

Only the primary seal material(s) that were specified as a part of the final penetration seal design and left in place during the test needed to be base-lined for future dedication of similarly procured materials. For this test, the following AREVA documents contain information associated with materials that underwent the base-lining process. These documents establish material critical characteristics as a baseline for future Commercial Grade Dedication.

- AREVA Document 51-9212659-000, "Dow Corning Sylgard 170 Silicone Elastomer Critical Characteristics"
- AREVA Document 51-9212660-000, "PCI Promatec SF-60-IR Silicone Elastomer Critical Characteristics"
- AREVA Document 51-9212663-000, "Quantum Silicones QSil 5558MC Silicone Elastomer Critical Characteristics"

These documents are available from the AREVA Records Management System or the MOX Records Management System.

## APPENDIX F

### Quality Documents

The test assembly used in Seismic Pressure Test 2 was the same assembly tested in Pressure Test 5. For Quality Records of installation, Certificates of Conformance of the sealant materials, and QA Receiving Documents of the penetration materials for this assembly, please see the Appendices in Intertek Report No. 101276459SAT-001A (Pressure Test 5) [AREVA document 58-9224197-000].



## LIST OF CALIBRATED EQUIPMENT

Description	Serial No.	Calibration Due Date
Thermo-Hygrometer	111901142	11/2/2013
Data Acquisition System	18041FE	1/16/2014*
Pressure Transducer	406707	7/16/2014*
Mass Flowmeter	4270050001001	2/1/2014*
Mass Flowmeter	4270050003001	2/1/2014*
Stop watch	122601005	10/23/2014

\* See Intertek Corrective Action Request (CAR) 51-AMER-SAT-2014-INT and AREVA Contract Variation Approval Request (CVAR) 87-9224669-000



Calibration complies with ISO/IEC  
17025, ANSI/NCSL Z540-1, and 9001

Cert. No.: 4094-3993529

**Traceable® Certificate of Calibration for Digital Humidity/Temp. Meter**

Manufactured for and distributed by: Fisher Scientific, 300 Industry Drive, Pittsburgh, PA 15275-1001

**Instrument Identification:**

Model Numbers: 11-661-11, FB61252, 255TB S/N: 111901142 Manufacturer: Control Company

**Standards/Equipment:**

Description	Serial Number	Due Date	NIST Traceable Reference
Chilled Mirror Hygrometer	31674/H2048MCR	5/12/12	9193
Digital Thermometer	90969500	9/14/12	4000-3893285

**Certificate Information:**

Technician: 104 Procedure: CAL-17 Cal Date: 11/02/11 Cal Due: 11/02/13  
Test Conditions: 22.5°C 45.0 %RH 1017 mBar

**Calibration Data: (New Instrument)**

Unit(s)	Nominal	As Found	In Tol	Nominal	As Left	In Tol	Min	Max	±U	TUR
°C		N.A.		23.667	23	Y	23	25	0.590	1.7:1
%RH		N.A.		41.450	41	Y	37	45	0.000	0.0:1

**This Instrument was calibrated using Instruments Traceable to National Institute of Standards and Technology.**

A Test Uncertainty Ratio of at least 4:1 is maintained unless otherwise stated and is calculated using the expanded measurement uncertainty. Uncertainty evaluation includes the instrument under test and is calculated in accordance with the ISO "Guide to the Expression of Uncertainty in Measurement" (GUM). The uncertainty represents an expanded uncertainty using a coverage factor k=2 to approximate a 95% confidence level. In tolerance conditions are based on test results falling within specified limits with no reduction by the uncertainty of the measurement. The results contained herein relate only to the item calibrated. This certificate shall not be reproduced except in full, without written approval of Control Company.

Nominal=Standard's Reading; As Left=Instrument's Reading; In Tol=In Tolerance; Min/Max=Acceptance Range; ±U=Expanded Measurement Uncertainty; TUR=Test Uncertainty Ratio; Accuracy=(Max-Min)/2; Min = Nominal(Rounded) - Tolerance; Max = Nominal(Rounded) + Tolerance; Date=MM/DD/YY

Nicol Rodriguez, Quality Manager

Harold Berry, Test Room Manager

**Maintaining Accuracy:**

In our opinion once calibrated your Digital Humidity/Temp. Meter should maintain its accuracy. There is no exact way to determine how long calibration will be maintained. Digital Humidity/Temp. Meters change little, if any at all, but can be affected by aging, temperature, shock, and contamination.

**Recalibration:**

For factory calibration and re-certification traceable to National Institute of Standards and Technology contact Control Company.

CONTROL COMPANY 4455 Rex Road Friendswood, TX 77546 USA  
Phone 281 482-1714 Fax 281 482-9448 service@control3.com www.control3.com

Control Company is an ISO 17025:2005 Calibration Laboratory Accredited by (A2LA) American Association for Laboratory Accreditation, Certificate No. 1750.01.  
Control Company is ISO 9001:2008 Quality Certified by (DNV) Det Norske Veritas, Certificate No. CERT-01805-2008-AQ-HOU-ANAS.  
International Laboratory Accreditation Cooperation (ILAC) - Multilateral Recognition Arrangement (MRA).

## Certificate of Calibration

Certificate Number:	2994344	Date:	28-MAY-2014
Serial Number:	18041FE	Part Number:	194710E-04L
Description:	CCA,USB-6210		
Calibration Date:	06-DEC-2012	Shelf Life:	0 Days
Calibration Due Date*:	-	Recommended Calibration Interval:	12 Months
Temperature:	22.26 °C	Humidity:	40.7% RH

### Standards Used

Manufacturer	Model	Tracking Number	Calibration Date	Calibration Due
NATIONAL INSTRUMENTS	PXI-4070	6712	26-JUN-12	26-JUN-13
NATIONAL INSTRUMENTS	PXI-6259	6871	27-JUN-12	27-JUN-13
NATIONAL INSTRUMENTS	PXI-5421	7591	25-JUN-12	25-JUN-13
VAISALA	HMT331	7885	24-MAY-12	24-MAY-13

National Instruments certifies that at the time of test, the above product was calibrated in accordance with applicable National Instruments procedures. The procedures are designed to ensure that the product listed above meets or exceeds National Instruments specifications.

We further certify that the environment in which this product was calibrated is maintained within the operating specifications of the instrument(s) standards. The measurement standards used during calibration are traceable to NIST and/or other International Measurement Institutes (NMI's) that are signatories of the International Committee of Weights and Measure (CIPM) Mutual Recognition Agreement (MRA).

The information shown on this certificate applies only to the instrument identified above and this certificate may not be reproduced, except in full, without prior written consent of National Instruments.

\*Optional field, **Calibration Due Date**, may be established by combining the **Recommended Calibration Interval**, **Calibration Date** and, when applicable, accounting for **Shelf Life**. Shelf life defines how long an instrument may be stored, after calibration, without impact to its specifications.

The instrument's Calibration Due Date can be calculated using the following methods:

- If date placed in service is within **Calibration Date + Shelf Life**: **Calibration Due Date** = date placed in service + **Recommended Calibration Interval**
- If date placed in service is outside **Calibration Date + Shelf Life**: **Calibration Due Date** = **Calibration Date + Shelf Life + Recommended Calibration Interval**

For questions or comments, please contact National Instruments Technical Support.



Andrew Krupp  
Vice President, Quality and Continuous Improvement

## OMEGADYNE INC. CERTIFICATE OF CALIBRATION

**Model Number:** PX409-005DWUV  
**Serial Number:** 406707  
**Date:** 7/15/2011  
**Job:** R3274

**Capacity:** 5.00 PSID  
**Excitation:** 10.00 Vdc  
**Technician:** KAPOME

**Pressure Connection:** 1/4-18 NPT Male

### WIRING CODE

**Electrical Connection:** Integral Cable 4-Cond  
BLACK = - EXCITATION  
WHITE = + SIGNAL  
GREEN = - SIGNAL  
RED = + EXCITATION

### CALIBRATION WORKSHEET

### NOTES

Pressure PSID	OUTPUT mVdc
0.00	0.007
2.50	50.008
5.00	100.016
2.50	50.007
0.00	0.007

### NIST Traceable Number(s): C-1954, C-1289

Omegadyne Inc. certifies that the above instrumentation has been calibrated and tested to meet or to exceed the published specifications. This calibration was performed using instrumentation and standards that are traceable to the National Institute of Standards and Technology. This document also ensures that all testing performed complies with MIL-STD 45662-A, ISO 10012-1, and ANSI/NCSL Z540-1-1994 requirements. After Final Calibration our products are stored in an environmentally controlled stock room and are considered in bonded storage. Depending on environmental conditions and severity of use, factory calibration is recommended every one to three years after the initial service installation date.

\_\_\_\_\_  
Accepted and Certified By

7/15/2011  
Date



CERTIFICATE OF ACCURACY

This is to certify that meter serial number 4270050001001 is certified to an accuracy of +/- 1 % of 20 GPM of N2 and has been calibrated using standards whose accuracies are traceable to the National Institute of Standards and Technology (N.I.S.T.) according to our procedures.

All traceable certifications and related procedures for the equipment used are on file.

Barometer Number: N/A  
Vol-U-Meter Number: Base 1920  
cell 1898  
Type of Gas: N2  
Gas Used for Calibration: N2  
Pressure Gauge Number: 1122  
Timer Number: N/A  
Thermometer Number: N/A  
Voltmeter: NA  
Calibrated By: [REDACTED]  
Date Calibrated: 2-1-13

Uncertainty of measurements: +/- 0.3 % of reading

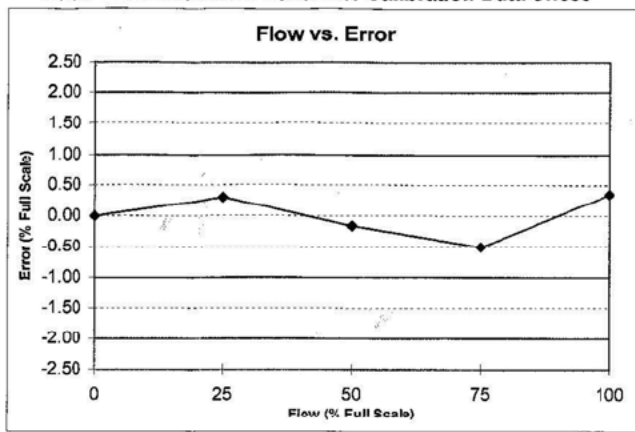
Calibrations were performed under a controlled Quality System Manual, which incorporates the requirements of ISO Guide 25, ISO 10012-1, ISO 9001 (1994) and ISO 13485. The released ISO 13485 registration (Medical Devices – Quality Management Systems – System Requirements for Regulatory Purposes) includes Design Controls and Metrology Systems.

0122220B

FM-1011 REV B



**Mass Flowmeter/Flow Controller Calibration Data Sheet**



**Calibration Data**

Setpoint (SLPM)	Flow Signal (Volts)	Device Flow (SLPM)	Actual Flow (SLPM)	% FS Error *
00.00	0.000	00.00	00.00	0.00
05.00	1.253	05.01	05.07	0.30
10.00	2.502	10.01	09.98	-0.16
15.00	3.752	15.01	14.91	-0.50
20.00	5.000	20.00	20.07	0.35

\* % Full Scale (FS) Error = (100)(Actual Flow - Device Flow) / Full Scale Flow

DATE 2/1/2013  
TIME 7:59:59 AM  
Shop Order No. 427005  
Serial No. 4270050001001

**GAS**  
Nameplate (Actual) Nitrogen  
Surrogate (Calibration) Nitrogen (N2)

**STANDARD CONDITIONS**  
Std. Pressure 101.32 kPa (760 Torr)  
Std. Temperature 21.1 °C

**PRESSURE**  
Inlet (P<sub>1</sub>) 20 PSIG  
Outlet (P<sub>2</sub>) N/A

**TEMPERATURE**  
Calib. Temperature 21.9 °C  
Oper. Temperature 70 °F

Max. Flow Rate 20 SLPM  
Gas Factor 1

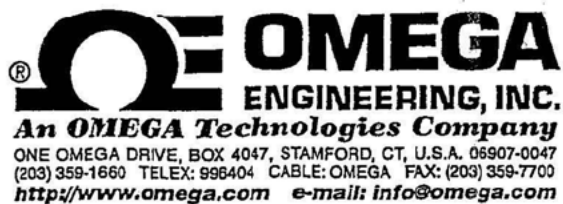
Calibrator MT  
Flow Standard PICO 1898-1  
Unit Accuracy 1.0 FS & 0.0 Rate  
Calib. Attitude Horizontal (base down)

**LEAK TEST DATA**  
Inboard (Externally Pressurized) Helium Leak Rate: < 1 x 10<sup>-8</sup> atm cc/sec  
Vacuum Pressure: < 5 milliTorr

Tested By: [Redacted] Date: 2-1-13

FM-1119 Rev. K





CERTIFICATE OF ACCURACY

This is to certify that meter serial number 4270050003001 is certified to an accuracy of +/- 1 % of 200 slpm of N<sub>2</sub> and has been calibrated using standards whose accuracies are traceable to the National Institute of Standards and Technology (N.I.S.T.) according to our procedures.

All traceable certifications and related procedures for the equipment used are on file.

Barometer Number:	<u>1667</u>
Vol-U-Meter Number:	<u>613</u>
Type of Gas:	<u>N<sub>2</sub></u>
Gas Used for Calibration:	<u>N<sub>2</sub></u>
Pressure Gauge Number:	<u>1950</u>
Timer Number:	<u>1876</u>
Thermometer Number:	<u>985</u>
Voltmeter:	<u>NA</u>
Calibrated By:	<u>[REDACTED]</u>
Date Calibrated:	<u>2-7-13</u>

Uncertainty of measurements: +/- 0.3 % of reading

Calibrations were performed under a controlled Quality System: Manual, which incorporates the requirements of ISO Guide 25, ISO 10012-1, ISO 9001 (1994) and ISO 13485. The released ISO 13485 registration (Medical Devices – Quality Management Systems – System Requirements for Regulatory Purposes) includes Design Controls and Metrology Systems.

0122220B

FM-1011 REV B



## MASS FLOWMETER/FLOW CONTROLLER CALIBRATION DATA SHEET

### SPECIFICATIONS

MODEL #: FMA-875A-V-NIST SERIAL #: 4270050003001  
FLOW RANGE: 200 SLPM OPERATING TEMPERATURE: 70 F  
NAMEPLATE (PROCESS) GAS: N2 SURROGATE (CALIBRATION) GAS: N2  
STANDARD TEMPERATURE: 21.1 C STANDARD PRESSURE: 101.32 kPa (760 Torr)  
P1 (INLET PRESSURE): 20 PSIG P2 (OUTLET PRESSURE): N/A  
CALIBRATION TEMPERATURE: 18.7°C  
CALIBRATION ATTITUDE (calibration attitude checked):  
☒ Horizontal (base down) ☐ Horizontal (upside down)  
☐ Horizontal (front down) ☐ Horizontal (back down)  
☐ Vertical (inlet up) ☐ Vertical (inlet down)  
CALIBRATION ACCURACY:  $\pm$  1 % OF FULL SCALE FLOW

### CALIBRATION DATA

% FULL SCALE (Nominal)	FLOW SIGNAL OUTPUT (signal type checked) <input checked="" type="checkbox"/> Vdc <input type="checkbox"/> mAdc	STANDARD VOLUMETRIC FLOW (Units: SLPM)		ERROR * (% Full Scale)
		DEVICE	MEASURED	
100	5.000	200.000	200.079	.5395
75	3.750	150.000	149.317	-.3415
50	2.500	100.000	100.488	.2440
25	1.250	50.000	50.852	.4260
0	0.00	0.000	0.000	-----

\* % FULL SCALE ERROR =  $(100) \frac{(\text{MEASURED FLOW} - \text{DEVICE FLOW})}{\text{FULL SCALE FLOW}}$

CALIBRATED BY: [REDACTED] DATE: 2-7-13

### LEAK TEST DATA

INBOARD (EXTERNALLY-PRESSURIZED) HELIUM LEAK RATE:  $<1 \times 10^{-8}$  atm cc/sec

VACUUM PRESSURE: <5 millitorr

TESTED BY: [REDACTED] DATE: 2-1-13

FM-355-OE Rev. 0



Calibration complies with ISO 9001  
ISO/IEC 17025 AND ANSI/NCSL Z540-1

Cert. No.: 1042-4689088

Calibration  
Certificate No. 1750.01

**Traceable® Certificate of Calibration for Waterproof Stopwatch**

Manufactured for and distributed by: Fisher Scientific, 300 Industry Drive, Pittsburgh, PA 15275-1001

**Instrument Identification:**

Model Numbers: 0666256, FB70240 S/N: 122601005 Manufacturer: Control Company

**Standards/Equipment:**

Description	Serial Number	Due Date	NIST Traceable Reference
Non-contact Frequency Counter	26.6 2025	3/06/13	1000313632

**Certificate Information:**

Technician: 67 Procedure: CAL-01 Cal Date: 10/23/12 Cal Due: 10/23/14  
Test Conditions: 22.5°C 45.0 %RH 1015 mBar

**Calibration Data: (New Instrument)**

Unit(s)	Nominal	As Found	In Tol	Nominal	As Left	In Tol	Min	Max	±U	TUR
Sec/24hr		N.A.		0.000	-0.600	Y	-8.640	8.640	0.130	>4:1

**This Instrument was calibrated using Instruments Traceable to National Institute of Standards and Technology.**

A Test Uncertainty Ratio of at least 4:1 is maintained unless otherwise stated and is calculated using the expanded measurement uncertainty. Uncertainty evaluation includes the instrument under test and is calculated in accordance with the ISO "Guide to the Expression of Uncertainty in Measurement" (GUM). The uncertainty represents an expanded uncertainty using a coverage factor  $k=2$  to approximate a 95% confidence level. In tolerance conditions are based on test results falling within specified limits with no reduction by the uncertainty of the measurement. The results contained herein relate only to the item calibrated. This certificate shall not be reproduced except in full, without written approval of Control Company.

Nominal=Standard's Reading; As Left=Instrument's Reading; In Tol=In Tolerance; Min/Max=Acceptance Range; ±U=Expanded Measurement Uncertainty; TUR=Test Uncertainty Ratio; Accuracy=±(Max-Min)/2; Min = Nominal(Rounded) - Tolerance; Max = Nominal(Rounded) + Tolerance; Date=MM/DD/YY

**Maintaining Accuracy:**

In our opinion once calibrated your Waterproof Stopwatch should maintain its accuracy. There is no exact way to determine how long calibration will be maintained. Waterproof Stopwatches change little, if any at all, but can be affected by aging, temperature, shock, and contamination.

**Recalibration:**

For factory calibration and re-certification traceable to National Institute of Standards and Technology contact Control Company.

CONTROL COMPANY 4455 Rex Road Friendswood, TX 77546 USA  
Phone 281 482-1714 Fax 281 482-9448 service@control3.com www.control3.com

Control Company is an ISO 17025:2005 Calibration Laboratory Accredited by (A2LA) American Association for Laboratory Accreditation, Certificate No. 1750.01.  
Control Company is ISO 9001:2008 Quality Certified by (DNV) Det Norske Veritas, Certificate No. CERT-01805-2008-AQ-HOU-ANAB.  
International Laboratory Accreditation Cooperation (ILAC) - Multilateral Recognition Arrangement (MRA).

### TEST ARTICLE ATTRIBUTE CHECKLIST

PROJECT NO: G101276459SAT-003 CLIENT: AREVA

Project Description SEISMIC PRESSURE #2

**I. ASSEMBLY**

SAT UNSAT

Proper materials used .....  
Material documentation complete.....  
Configuration/dimensions in accordance w/ approved drawings....  
Description of assembly: SEISMIC #2 per TEST PLAN

X  
X  
X

**II. ELECTRICAL CABLE**

Correct material used .....  
Material documentation complete .....  
Correct cable lay-in and fill requirements .....  
Description of electrical cable: per TEST PLAN

X  
X  
X

**III. THERMOCOUPLES**

Correct thermocouple type, certs received .....  
Thermocouples positioned in accordance with test plan .....  
Adequately labeled and secured .....  
Quality Assurance verification done .....  
Description of thermocouples: \_\_\_\_\_

N/A

**IV. FIRE BARRIER**

Name or type of material DC 170, QSIL5558MC, SF 60 IR  
INTERTEK received material documentation provided by Client.....  
Materials provided by INTERTEK properly documented .....  
Materials installed by INTERTEK in accordance with test plan .....  
INTERTEK Quality Assurance responsibilities determined .....  
QA responsibilities of Client installation determined .....  
Moisture check required ..... Yes \_\_\_\_\_ No X  
Special requirements \_\_\_\_\_

X  
X  
X  
X  
X

**V. FINAL PREBURN VERIFICATION**

Final visual inspection & approval (Initials) INTERTEK \_\_\_\_\_ Client \_\_\_\_\_

CALIBRATION DOCUMENTATION (S/N and calibration due date)

Data Acquisition Equipment: \_\_\_\_\_  
Other Measurement Devices: SEE TEST DATA PACKAGE

Temperature 88 Humidity 88 Date 7.30.13 Time of Test start 10:24A

INTERTEK pre-burn checklist performed by \_\_\_\_\_

Client representative present to witness test \_\_\_\_\_

Note: Verification to be made using initials by INTERTEK Quality Assurance or test personnel.

**Intertek**

## TEST ACTIVITIES EVENT LOG

**Note:**

This Log is used to document the date and note the significant events during the completion of Test Project # G101276459SAT-003 (Seismic Pressure Test #2) for AREVA NP Inc.

[illegible]



### Certificate of Conformance

Client Name: AREVA NP Inc.

Date: August 7, 2014

Project No: G101276459SAT-003

Intertek Testing Services NA (Intertek) has conducted testing for AREVA NP Inc., on the seismic pressure resistance capabilities of PCI-Promatec SF-60-IR Inhibition Resistant Silicone Elastomer (SF-60-IR), Quantum Silicones QSil 5558MC Silicone Elastomer (QSil 5558MC) and Dow Corning<sup>®</sup> Sylgard 170 Silicone Elastomer (DC-170) in a penetration seal assembly through a 12" thick concrete deck, for compliance with the applicable requirements of and in accordance with AREVA NP Inc. Document No. 51-9207912-000, *Detailed Test Plan for Conducting Seismic Pressure Test 2*. This evaluation took place on July 30, 2013.

The materials, processes and deliverable(s) in this project were managed under and conform to the test laboratory's 10CFR50 Appendix B Quality Assurance Program.



Michael A. Brown  
Quality Supervisor

August 7, 2014

Date

Intertek Testing Laboratory  
16015 Shady Falls Road, Elmhurst TX 78112  
210-635-8100



### **Quality Assurance Statement**

Intertek is devoted to engineering, inspection, quality assurance and testing of building materials, products and assemblies. Intertek has developed and implemented a Quality Assurance Program designed to provide its clients with a planned procedure of order and document processing for inspection and testing services it provides to assure conformity to requirements, codes, standards and specifications. The Program is designed to meet the intent of ANSI 45.2 Quality Assurance Program Requirements for Nuclear Power Plants, and complies with the requirements of the ASME Code, SPPE, Military Standards and other less stringent programs. It is the Laboratory's intention to adhere strictly to this Program, to assure that the services offered to its clients remains of the highest quality and accuracy possible.

All QA Surveillance documents remain on file at the Laboratory, and are available for inspection by authorized personnel in the performance of an on-site QA Audit. All materials, services and supplies used herein were obtained with appropriate QA Certifications of Compliance.

## REVISION SUMMARY

DATE	SUMMARY
August 7, 2014	Original Issue Date