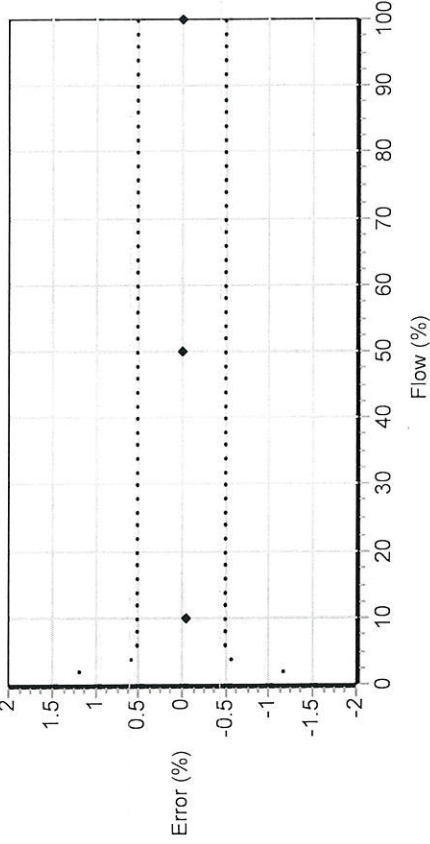


Product Code CNG050S290NCAAEEZZZ Serial ID 15063359 Order ID 10338979 Line 1.1 Item 1 Customer Tag 19081265A

Process

Process ID : 9.26118468
Process Time : 2019.07.15 13:47:05
Process Stand : SSF1EGSSCCL:1
Stand Uncertainty : +/-0.030%
Fluid : H2O
100% Rate : 38.6 KG/MIN
Pickoff : 1
Max Rate P/T : 41.6 PSIG/20.2 C

Detail



Results

Status : PASS
D1 : 0
D2 : 1
K1 : 4060.929
K2 : 4231.098
DT : 4.25
FD : 0
DTG : 0
DFQ1 : 0
DFQ2 : 0
FlowCal : 138.524.50
FFQ : 0
FTG : 0
DensCal : 04061042314.25
FCF : 138.52
FT : 4.5

Table with 6 columns: Flow (%), Flow Rate (kg/min), Meter Total (kg), Reference Total (kg), Error (%), Specification (±%).

Signature: Andrei Szabo

ANDREI SZABO
Technician

This certificate is produced by an electronic data system and is valid without signature.

Product Code	Serial ID	Order ID	Line	Item	Customer Tag
CNG050S290NCAAEZZZ	15063359	10338979	1.1	1	
2700I13ABAEZWW	3443614	10338979	1.33	1	
PUCK700	26042913				

19081265A

Process

Process ID : 1.35334680  
 Process Time : 2019.08.03 8:58:52  
 Process Stand : CONFIGURATION@SSCB

Sensor

Units

D1 : 0  
 D2 : 1  
 DFQ1 : 0  
 DFQ2 : 0  
 DT : 4.25  
 DTG : 0  
 Dens PCF : 0  
 Density Meter Factor : 1  
 FCF : 138.52  
 FD : 0  
 FFQ : 0  
 FT : 4.5  
 FTG : 0  
 Flow PCP : 30  
 Flow PCF : 0  
 K1 : 4060.929  
 K2 : 4231.098  
 Mass Flow Meter Factor : 1  
 Volume Flow Meter Factor : 1

Special Mass Time Unit : SEC  
 Special Mass Total Text : NONE  
 Special Volume Base Unit : L  
 Special Volume Conv Factor : 1  
 Special Volume Flow Text : NONE  
 Special Volume Time Unit : SEC  
 Special Volume Total Text : NONE  
 Temperature Unit : C  
 Volume Flow Unit : L/MIN

MVD Channel Assignments

Channel B Power : Active (internally powered)

Assignments

Event 1 Variable : Density  
 Event 2 Variable : Density  
 Frequency1 Scaling Method : Frequency = Flow  
 Frequency Variable 1 : Mass Flow Rate  
 mA1 Variable : Mass Flow Rate

Ranges

Event 1 Setpoint : 0  
 Event 1 Type : Event Low (Event "OFF" if PV > SP)  
 Event 2 Setpoint : 0  
 Event 2 Type : Event Low (Event "OFF" if PV > SP)  
 Frequency1 Active State : Active High  
 Frequency1 Hertz : 1000  
 Frequency1 Output Mode : Single  
 Frequency1 Pulses/Unit : 1.554404  
 Frequency1 Rate : 643.3333  
 Frequency1 Units/Pulse : 0.6433333  
 mA1 LRV : 0  
 mA1 URV : 643.3333

Units

Density Unit : G/CM3  
 GSV Flow Unit : SCFM  
 Mass Flow Unit : G/SEC  
 Pressure Unit : POUNDS/SQUARE INCH  
 Special GSV Base Time Unit : MIN  
 Special GSV Base Volume Unit : Standard cubic feet  
 Special GSV Conv Factor : 1  
 Special GSV Flow Unit Text : NONE  
 Special GSV Total Text : NONE  
 Special Mass Base Unit : G  
 Special Mass Conv Factor : 1  
 Special Mass Flow Text : NONE

Faults

Frequency1 Fault Behavior : Upscale

Faults

19081265A

Frequency1 Fault Value : 15000  
mA1 Fault Behavior : Downscale (Default)  
mA1 Fault Value : 2

Other

Calibration Process ID : 9.26118468  
Core Software Rev : 35  
Density Cutoff : 0.2  
Density Damping : 1.6  
Density High Limit : 5  
Density Low Limit : 0  
Direction : FORWARD  
Fault Dwell Time : 0  
Feature Key : 1  
Flow Damping : 0.8  
HART Device ID : 3713239  
LD Type : 0  
Mass Flow Cutoff : 1.836  
Pressure Comp Line Pressure : 0  
Pressure Compensation State : OFF  
RS485 Baud : 1200 baud  
RS485 Parity : Odd  
RS485 Protocol : HART  
Slug Duration : 0  
Tag :  
Temperature Damping : 4.8  
Transmitter Software Rev : 80  
Volume Flow Cutoff : 0.11016

Product Code CNG050S290NCAAEEZZZ Serial ID 15063042 Order ID 10338979 Line 1.1 Item 2 Customer Tag 19081265JB



Order ID 10338979

Line 1.1

Item 2

Process

Detail



Process ID : 9.26111044  
Process Time : 2019.07.12 9:46:52

Process Stand : SSF1E@SSCCL:1  
Stand Uncertainty : +/-0.030%

Fluid : H2O  
100% Rate : 38.6 KG/MIN  
Pickoff : 1

Max Rate P/T : 41.66 PSIG/19.3 C

Results

Status : PASS

D1 : 0  
D2 : 1

K1 : 4071.261  
K2 : 4242.038

DT : 4.25  
FD : 0

DTG : 0  
DFQ1 : 0  
DFQ2 : 0

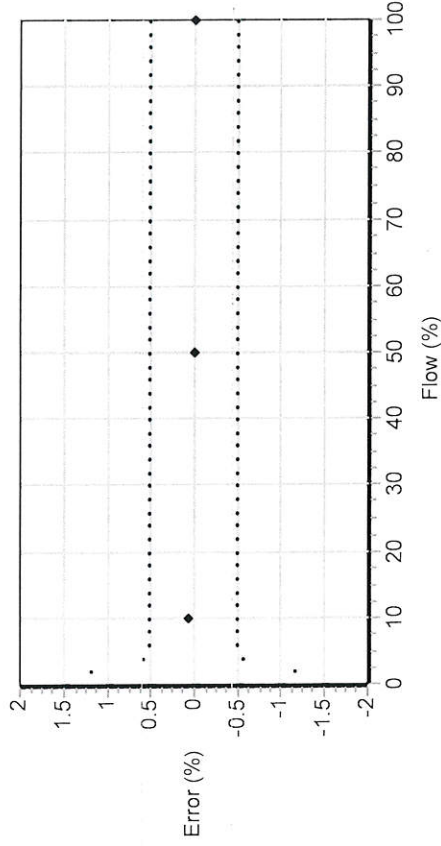
FlowCal : 138.844.50  
FFQ : 0  
FTG : 0

DensCal : 04071042424.25  
FCF : 138.84  
FT : 4.5

*By Andrei Szabo*  
ANDREI SZABO

Technician

This certificate is produced by an electronic data system and is valid without signature.



Flow (%)	Flow Rate (kg/min)	Meter Total (kg)	Reference Total (kg)	Error (%)	Specification (±%)
100.0	38.6	38.29377	38.29616	-0.006	0.500
10.0	3.86	3.908893	3.906656	0.057	0.500
50.0	19.3	19.79183	19.78977	0.010	0.500
100.0	38.6	38.29506	38.2923	0.007	0.500

19081265B

Product Code	Serial ID	Order ID	Line	Item	Customer Tag
CNG050S290NCAAEZZZ	15063042	10338979	1.1	2	
2700I13ABAEZWW	3443598	10338979	1.33	2	
PUCK700	26042859				

Process ID : 1.35334704  
 Process Time : 2019.08.03 9:14:52  
 Process Stand : CONFIGURATION@SSCB

Process



Sensor

Units

D1 : 0  
 D2 : 1  
 DFQ1 : 0  
 DFQ2 : 0  
 DT : 4.25  
 DTG : 0  
 Dens PCF : 0  
 Density Meter Factor : 1  
 FCF : 138.84  
 FD : 0  
 FFQ : 0  
 FT : 4.5  
 FTG : 0  
 Flow PCP : 30  
 Flow PCF : 0  
 K1 : 4071.261  
 K2 : 4242.038  
 Mass Flow Meter Factor : 1  
 Volume Flow Meter Factor : 1

Special Mass Time Unit : SEC  
 Special Mass Total Text : NONE  
 Special Volume Base Unit : L  
 Special Volume Conv Factor : 1  
 Special Volume Flow Text : NONE  
 Special Volume Time Unit : SEC  
 Special Volume Total Text : NONE  
 Temperature Unit : C  
 Volume Flow Unit : L/MIN

MVD Channel Assignments

Channel B Power : Active (internally powered)

Assignments

Event 1 Variable : Density  
 Event 2 Variable : Density  
 Frequency1 Scaling Method : Frequency = Flow  
 Frequency Variable 1 : Mass Flow Rate  
 mA1 Variable : Mass Flow Rate

Ranges

Event 1 Setpoint : 0  
 Event 1 Type : Event Low (Event "OFF" if PV > SP)  
 Event 2 Setpoint : 0  
 Event 2 Type : Event Low (Event "OFF" if PV > SP)  
 Frequency1 Active State : Active High  
 Frequency1 Hertz : 1000  
 Frequency1 Output Mode : Single  
 Frequency1 Pulses/Unit : 1.554404  
 Frequency1 Rate : 643.3333  
 Frequency1 Units/Pulse : 0.6433333  
 mA1 LRV : 0  
 mA1 URV : 643.3333

Units

Density Unit : G/CM3  
 GSV Flow Unit : SCFM  
 Mass Flow Unit : G/SEC  
 Pressure Unit : POUNDS/SQUARE INCH  
 Special GSV Base Time Unit : MIN  
 Special GSV Base Volume Unit : Standard cubic feet  
 Special GSV Conv Factor : 1  
 Special GSV Flow Unit Text : NONE  
 Special GSV Total Text : NONE  
 Special Mass Base Unit : G  
 Special Mass Conv Factor : 1  
 Special Mass Flow Text : NONE

Faults

Frequency1 Fault Behavior : Upscale

**Faults**

Frequency1 Fault Value : 15000  
mA1 Fault Behavior : Downscale (Default)  
mA1 Fault Value : 2

**Other**

Calibration Process ID : 9.26111044  
Core Software Rev : 35  
Density Cutoff : 0.2  
Density Damping : 1.6  
Density High Limit : 5  
Density Low Limit : 0  
Direction : FORWARD  
Fault Dwell Time : 0  
Feature Key : 1  
Flow Damping : 0.8  
HART Device ID : 3713110  
LD Type : 0  
Mass Flow Cutoff : 1.836  
Pressure Comp Line Pressure : 0  
Pressure Compensation State : OFF  
RS485 Baud : 1200 baud  
RS485 Parity : Odd  
RS485 Protocol : HART  
Slug Duration : 0  
Tag :  
Temperature Damping : 4.8  
Transmitter Software Rev : 80  
Volume Flow Cutoff : 0.11016

19081265B