

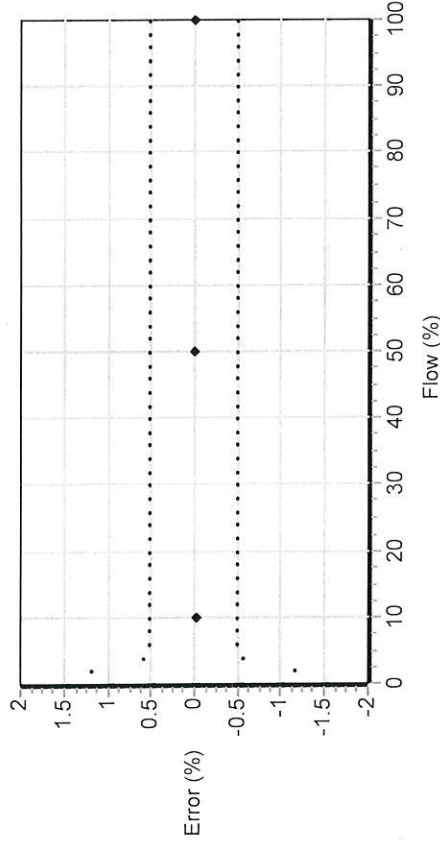
Product Code CNG050S290NCAAEEZZZ Serial ID 15060661 Order ID 10334520 Line 1.1 Item 4 Customer Tag 19051258A



Process

Process ID : 9.25997824
Process Time : 2019.06.04 11:36:08
Process Stand : SSF1E@SSCCL:1
Stand Uncertainty : +/-0.030%
Fluid : H2O
100% Rate : 38.6 KG/MIN
Pickoff : 1
Max Rate P/T : 41.6 PSIG/20.5 C

Detail



Results

Status : PASS
D1 : 0
D2 : 1
K1 : 4056.296
K2 : 4226.698
DT : 4.25
FD : 0
DTG : 0
DFQ1 : 0
DFQ2 : 0
FlowCal : 138.534.50
FFQ : 0
FTG : 0
DensCal : 04056042274.25
FCF : 138.53
ET : 4.5

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

Signature of Sebastian Gherman

SEBASTIAN, GHERMAN
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	15060661	10334520	1.1	4	
2700I13ABAEZWW	3436695	10334520	1.33	4	
PUCK700	26040341				

19051258A

Process

Process ID : 1.35260078
 Process Time : 2019.06.20 16:52:01
 Process Stand : CONFIGURATION@SSCB

Sensor

D1 : 0
 D2 : 1
 DFQ1 : 0
 DFQ2 : 0
 DT : 4.25
 DTG : 0
 Density PCF : 0
 Density Meter Factor : 1
 FCF : 138.53
 FD : 0
 FFQ : 0
 FT : 4.5
 FTG : 0
 Flow PCP : 30
 Flow PCF : 0
 K1 : 4056.296
 K2 : 4226.698
 Mass Flow Meter Factor : 1
 Volume Flow Meter Factor : 1

Units

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

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 : 9.25997824
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 : 6038243
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

19051258A

Product Code CNG050S290NCAAEEZZZ Serial ID 15060656 Order ID 10334520 Line 1.1 Item 2 Customer Tag 19057258B

Process ID 9.26001580 Process Time 2019.06.05 8:07:17 Process Stand SSF1EGSSCCL:1 Stand Uncertainty +/-0.030%

Fluid H2O 100% Rate 38.6 KG/MIN Pickoff 1 Max Rate P/T 41.61 PSIG/20.2 C

Status : PASS

D1 : 0 D2 : 1 K1 : 4048.774 K2 : 4219.821 DT : 4.25 FD : 0 DTG : 0 DFQ1 : 0 DFQ2 : 0 FlowCal : 139.204.50 FFQ : 0 FTG : 0 DensCal : 04049042204.25 FCF : 139.2 FT : 4.5

Meter Total 38.33559 Reference Total 38.33992 Error -0.011 Specification 0.500

Flow Rate 3.86 Flow Rate 3.902396 Error -0.044 Specification 0.500

Flow Rate 19.3 Reference Total 19.83534 Error -0.002 Specification 0.500

Flow Rate 38.6 Reference Total 38.27316 Error 0.000 Specification 0.500

FlowCal : 139.204.50

FFQ : 0

FTG : 0

DensCal : 04049042204.25

FCF : 139.2

FT : 4.5

ANDREI SZABO

Technician

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

Traceable to one or more of the following National Metrology Institutes: NIM-China, NIST-USA, and VSL-The Netherlands

Process Detail

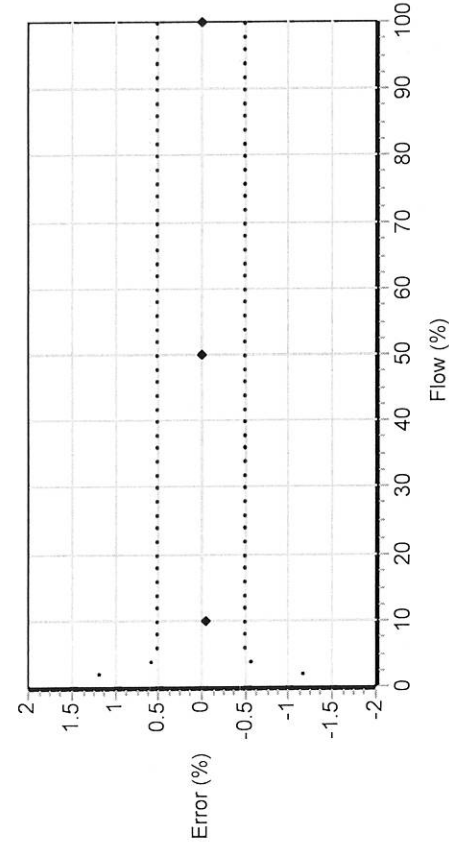


Table with 6 columns: Flow (%), Flow Rate (kg/min), Meter Total (kg), Reference Total (kg), Error (%), and Specification (±%). It contains four rows of data corresponding to different flow rates.

Product Code	Serial ID	Order ID	Line	Item	Customer Tag
CNG050S290NCAAEZZZ	15060656	10334520	1.1	2	
2700I13ABAEZMZ	3438890	10334520	1.33	2	
PUCK700	26040365				

19051258B

Process

Process ID : 1.35260146
 Process Time : 2019.06.20 17:14:13
 Process Stand : CONFIGURATION@SSCB

Sensor

Units

D1 : 0
 D2 : 1
 DFQ1 : 0
 DFQ2 : 0
 DT : 4.25
 DTG : 0
 Density PCF : 0
 Density Meter Factor : 1
 FCF : 139.2
 FD : 0
 FFQ : 0
 FT : 4.5
 FTG : 0
 Flow PCP : 30
 Flow PCF : 0
 K1 : 4048.774
 K2 : 4219.821
 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)

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 : 9.26001580
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 : 3701869
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

19051258B