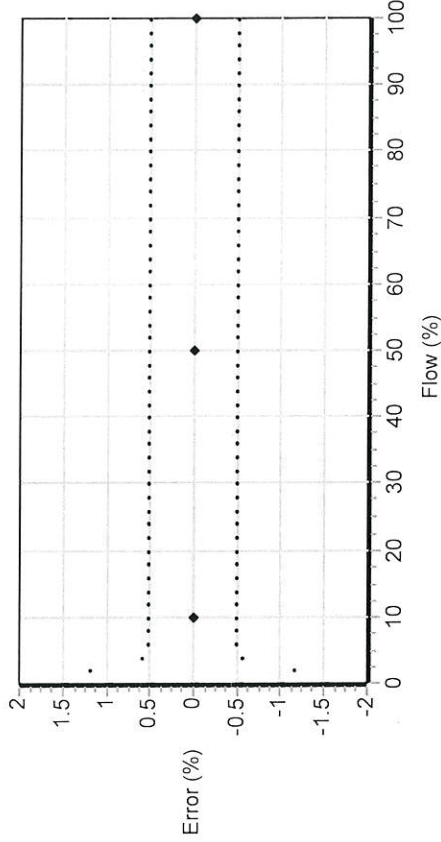


Product Code CNG050S290NCAAEEZZZ Serial ID 15059867 Order ID 10334520 Line 2.1 Item 2 Customer Tag 19081266A

Process

Process ID : 9.25950669
 Process Time : 2019.05.21 7:34:07
 Process Stand : SSF1E@SSCCL:1
 Stand Uncertainty : +/-0.030%
 Fluid : H2O
 100% Rate : 38.6 KG/MIN
 Pickoff : 1
 Max Rate P/T : 41.64 PSIG/19.8 C

Detail



Results

Status : PASS
 D1 : 0
 D2 : 1
 K1 : 4059.767
 K2 : 4231.552
 DT : 4.25
 FD : 0
 DTG : 0
 DFC1 : 0
 DFC2 : 0
 FlowCal : 138.304.50
 FFQ : 0
 FTG : 0
 DensCal : 04060042324.25
 FCF : 138.3
 FT : 4.5

Flow (%)	Flow Rate (kg/min)	Meter Total (kg)	Reference Total (kg)	Error (%)	Specification (±%)
100.0	38.6	38.25775	38.25975	-0.005	0.500
10.0	3.86	3.905548	3.905625	-0.002	0.500
50.0	19.3	19.81628	19.81704	-0.004	0.500
100.0	38.6	38.18762	38.19268	-0.013	0.500

Sebastian Gherman

SEBASTIAN, GHERMAN
 Technician

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

19091266A

Product Code	Serial ID	Order ID	Line	Item	Customer Tag
CNG050S290NCAAEZZZ	15059867	10334520	2.1	2	
2700I13ABAEZWW	3436788	10334520	2.33	2	
PUCK700	26040387				





Process

Process ID : 1.35260092
 Process Time : 2019.06.20 16:56:30
 Process Stand : CONFIGURATION@SSCB

Sensor

Units

D1 : 0
 D2 : 1
 DFC1 : 0
 DFC2 : 0
 DT : 4.25
 DTG : 0
 Density PCF : 0
 Density Meter Factor : 1
 FCF : 138.3
 FD : 0
 FFQ : 0
 FT : 4.5
 FTG : 0
 Flow PCP : 30
 Flow PCF : 0
 K1 : 4059.767
 K2 : 4231.552
 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

Faults

Frequency1 Fault Behavior : Upscale

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

Other

Calibration Process ID : 9.25950669
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 : 3665829
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

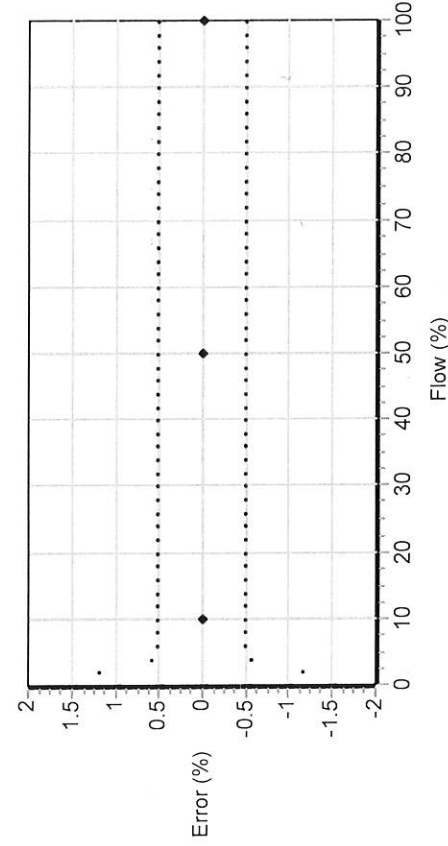
1908/266A

Product Code CNG050S290NCAAEEZZZ Serial ID 15060655 Order ID 10334520 Line 1.1 Item 5 Customer Tag 19081266B

Process

Process ID : 9.25998631
Process Time : 2019.06.04 13:18:33
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/21.2 C

Detail



Results

Status : PASS
D1 : 0
D2 : 1
K1 : 4017.224
K2 : 4187.081
DT : 4.25
FD : 0
DTG : 0
DFQ1 : 0
DFQ2 : 0
FlowCal : 139.664.50
FFQ : 0
FTG : 0
DensCal : 04017041874.25
FCF : 139.66
FT : 4.5

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

Signature of Sebastian Gherman

SEBASTIAN, GHERMAN

Technician

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

19081266B

Product Code	Serial ID	Order ID	Line	Item	Customer Tag
CNG050S290NCAAEZZZ	15060655	10334520	1.1	5	
2700I13ABAEZWW	3435968	10334520	1.33	5	
PUCK700	26040394				

Process

Process ID : 1.35259801
 Process Time : 2019.06.20 15:19:39
 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 : 139.66
 FD : 0
 FFQ : 0
 FT : 4.5
 FTG : 0
 Flow PCP : 30
 Flow PCF : 0
 K1 : 4017.224
 K2 : 4187.081
 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

Faults

Frequency1 Fault Behavior : Upscale

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

19081266B

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

Other

Calibration Process ID : 9.25998631

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 : 6038252
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