

Product Code CNG050S290NCAAEEZZZ Serial ID 15062160 Order ID 10336019 Line 1.1 Item 1 Customer Tag 19071263

Process ID : 9.26074147 Process Time : 2019.07.01 12:52:39 Process Stand : SSFIE@SSCCL:1 Stand Uncertainty : +/-0.030%

Fluid : H2O 100% Rate : 38.6 KG/MIN Pickoff : 1 Max Rate P/T : 41.66 PSIG/20.4 C

Status : PASS D1 : 0 D2 : 1 K1 : 4049.4 K2 : 4219.991 DT : 4.25 FD : 0 DTG : 0 DFQ1 : 0 DFQ2 : 0 FlowCal : 139.034.50 FFQ : 0 FTG : 0 DensCal : 04049042204.25 FCF : 139.03

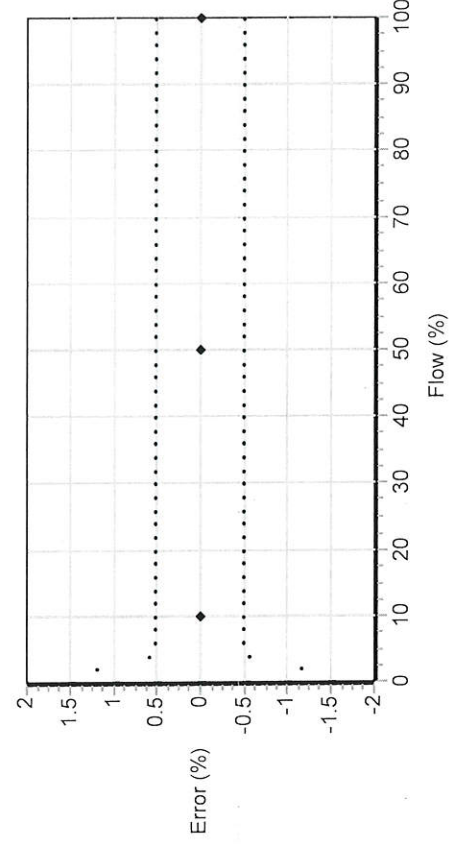
FT : 4.5

SEBASTIAN, GHERMAN 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

Detail



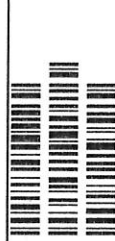
Flow (%)	Flow Rate (kg/min)	Meter Total (kg)	Reference Total (kg)	Error (%)	Specification (±%)
100.0	38.6	38.30857	38.3105	-0.005	0.500
10.0	3.86	3.889979	3.890034	-0.001	0.500
50.0	19.3	19.83075	19.82983	0.005	0.500
100.0	38.6	38.24552	38.24319	0.006	0.500

Product Code Serial ID Order ID Line Item Customer Tag

CNG050S290NCAAEZZZ 15062160 10336019 1.1 1

2700I11BBAEZZZ 3442022 10336019 1.34 1

PUCK700 26040098



Process

Process ID : 1.35292925
 Process Time : 2019.07.12 13:17:50
 Process Stand : SSCB-CONFIG2@SSCB



Sensor

Units

D1 : 0 Special Mass Time Unit : SEC
 D2 : 1 Special Mass Total Text : NONE
 DFQ1 : 0 Special Volume Base Unit : L
 DFQ2 : 0 Special Volume Conv Factor : 1
 DT : 4.25 Special Volume Flow Text : NONE
 DTG : 0 Special Volume Time Unit : SEC
 Dens PCF : 0 Special Volume Total Text : NONE
 Density Meter Factor : 1 Temperature Unit : C
 FCF : 139.03 Volume Flow Unit : L/MIN
 FD : 0
 FFQ : 0
 FT : 4.5
 FTG : 0
 Flow PCP : 30
 Flow PCF : 0
 K1 : 4049.4
 K2 : 4219.991
 Mass Flow Meter Factor : 1
 Volume Flow Meter Factor : 1

MVD Channel Assignments

Channel B Assignment : Milliamp (Secondary) Output [#2]
 Channel B Power : Active (internally powered)
 Channel C Assignment : Frequency (Primary) Output [#1]
 Channel C Power : Active (internally powered)

Assignments

Discrete Input 1 Assignment : None
 Discrete Output 1 Assignment : Fault Condition Indication
 Discrete Output 2 Assignment : Fault Condition Indication
 Event 1 Variable : Density
 Event 2 Variable : Density
 Frequency1 Scaling Method : Frequency = Flow
 Frequency Variable 1 : Mass Flow Rate
 mA1 Variable : Mass Flow Rate
 mA2 Variable : Density

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 Low
 Frequency1 Hertz : 1000
 Frequency1 Output Mode : Single

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

Ranges

19071263

Frequency1 Pulses/Unit : 1.554404
 Frequency1 Rate : 643.3333
 Frequency1 Units/Pulse : 0.64333333
 mA1 LRV : 0
 mA1 URV : 643.3333
 mA2 LRV : 0
 mA2 URV : 5

Faults

Frequency1 Fault Behavior : Upscale
 Frequency1 Fault Value : 15000
 mA1 Fault Behavior : Downscale (Default)
 mA1 Fault Value : 2
 mA2 Fault Behavior : Downscale (Default)
 mA2 Fault Value : 2

Other

Calibration Process ID : 9.26074147

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 : 0
 Flow Damping : 0.8
 HART Device ID : 6040948
 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