

Product Code

CNG050S290NCAAEZZZ

Serial ID

15107790

Order ID

10416565

Line Item

1.1 1

Customer Tag

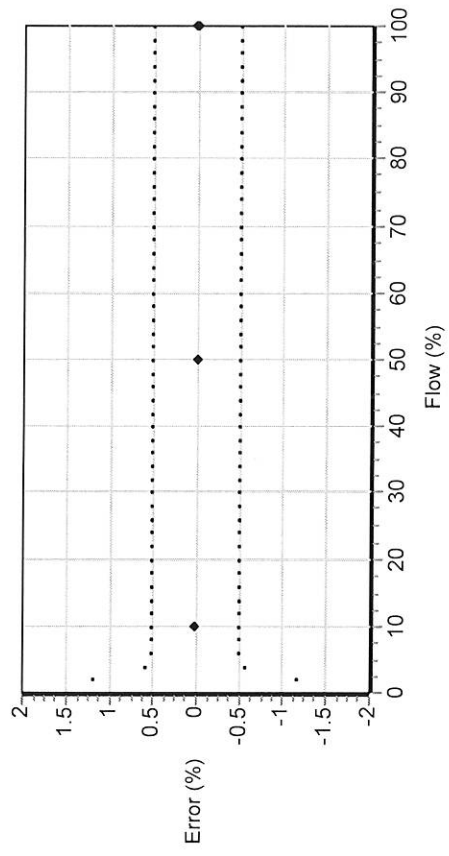
21071316

Process



Process ID : 9.28344155
 Process Time : 2021.04.28 7:58:14
 Process Stand : SSF1E@SSCCL:1
 Stand Uncertainty : +/-0.030%
 Fluid : H2O
 100% Rate : 38.6 KG/MIN
 Pickoff : 1
 Max Rate P/T : 41.75 PSIG/20.1 C

Detail



Results

Status : PASS
 D1 : 0
 D2 : 1
 K1 : 4094.941
 K2 : 4264.245
 DT : 4.25
 FD : 0
 DTG : 0
 DFQ1 : 0
 DFQ2 : 0
 FlowCal : 140.314.50
 FFQ : 0
 FTG : 0
 DensCal : 04095042644.25
 FCF : 140.31
 FT : 4.5

| Flow (%) | Flow Rate (kg/min) | Meter Total (kg) | Reference Total (kg) | Error (%) | Specification (±%) |
|----------|--------------------|------------------|----------------------|-----------|--------------------|
| 100.0 | 38.6 | 38.43145 | 38.42922 | 0.006 | 0.500 |
| 10.0 | 3.86 | 7.872277 | 7.869749 | 0.032 | 0.500 |
| 50.0 | 19.3 | 19.75484 | 19.7547 | 0.001 | 0.500 |
| 100.0 | 38.6 | 38.23652 | 38.22697 | 0.025 | 0.500 |

Boyd/Lutz
 BUNGARDEAN, OVIDIU
 Technician

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

Product Code

CNG050S290NCAAEZZZ

2700I13ABAEZWW

PUCK700

Serial ID

15107790

3489094

26140996

Order ID

10416565

10416565

Line Item

1.1 1

1.34 1

Customer Tag

21071316

Process

Process ID : 1.36275469

Process Time : 2021.06.09 13:25:17

Process Stand : CONFIGURATION@SSCB

Sensor

D1 : 0

D2 : 1

DFQ1 : 0

DFQ2 : 0

DT : 4.25

DTG : 0

Dens PCF : 0

Density Meter Factor : 1

FCF : 140.31

FD : 0

FFQ : 0

FT : 4.5

FTG : 0

Flow PCP : 30

Flow PCF : 0

K1 : 4094.941

K2 : 4264.245

Mass Flow Meter Factor : 1

Volume Flow Meter Factor : 1

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

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

Frequency1 Output Mode : Single

Frequency1 Pulses/Unit : 1.554404

Frequency1 Rate : 643.3333

Frequency1 Units/Pulse : 0.64333333

mA1 LRV : 0

mA1 URV : 643.3333

Faults

Frequency1 Fault Behavior : Upscale

Faults

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

Other

Calibration Process ID : 9.28344155
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 : 3968553
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

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