

Product Code

CNG050S290NCAAEZZZ

Serial ID

15330948

Order ID

10462906

Line Item

2.1 1

Customer Tag

SN 22101343



Process

Detail

Process ID : 9.29646017

Process Time : 2022.03.04 6:51:57

Process Stand : SSF1E@SSCCL:1

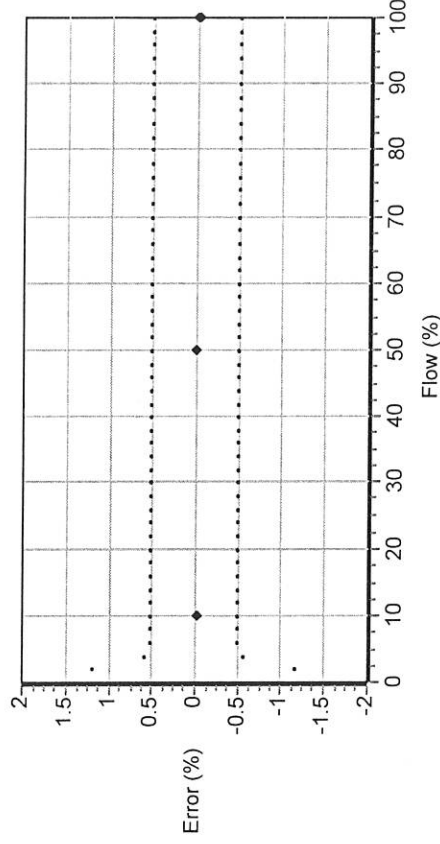
Stand Uncertainty : +/-0.030%

Fluid : H2O

100% Rate : 38.6 KG/MIN

Pickoff : 1

Max Rate P/T : 41.8 PSIG/20.3 C



Results

Status : PASS

D1 : 0

D2 : 1

K1 : 4063.238

K2 : 4230.173

DT : 4.25

FD : 0

DTG : 0

DFQ1 : 0

DFQ2 : 0

FlowCal : 140.864.50

FFQ : 0

FTG : 0

DensCal : 04063042304.25

FCF : 140.86

FT : 4.5

Flow (%)	Flow Rate (kg/min)	Meter Total (kg)	Reference Total (kg)	Error (%)	Specification (±%)
100.0	38.6	38.30793	38.30633	0.004	0.500
10.0	3.86	7.843263	7.845294	-0.026	0.500
50.0	19.3	19.68085	19.68038	0.002	0.500
100.0	38.6	38.19985	38.2062	-0.017	0.500

Bayo/Lulu
 RAZVAN, TATAR

Technician

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

Product Code

CNG050S290NCAAEZZZ
2700113ABAEZWW
PUCK700

Serial ID

15330948
3511971
26195923

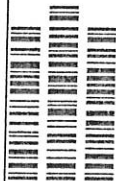
Order ID

10462906
10462906

Line Item Customer Tag SN

2.1 1
2.33 1

22101343



Process ID : 1.36696466
Process Time : 2022.04.01 18:53:46
Process Stand : SSCB-CONFIG1@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 : 140.86
FD : 0
FFQ : 0
FT : 4.5
FTG : 0
Flow PCP : 30
Flow PCF : 0
K1 : 4063.238
K2 : 4230.173
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 : 9.29646017
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 : 4132604
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



Tulsa Gas Technologies, Inc.
4809 S. 101st East Ave Tulsa, OK 74146
PHONE: 918-665-2641 FAX: 918-665-2657

2/1/2023

Dispenser Serial Number 22101343

Micro Motion Transmitter Configuration

Required settings for correct operation of Micro Motion mass flow meter.

Transmitter Model Number: 2700
Sensor Model Number: CNG050
Transmitter Serial Number: 3511976
Sensor Serial Number: 15330948
Flow Calibration Factor: 140.864.50
Flow Units: LB/min

Communication on RS-485

Protocol: Modbus ASCII 7 Bit
Modbus Address: 2
Baud Rate: 9600
Parity: Even
Stop Bits: 1

HART Communication

Modbus ASC II

Analog Output (4-20 mA)

Analog Variable (PV): Mass Flow
Lower Range Value: 0.2500 lb/min
Upper Range Value: 300.000 lb/min
mA Cutoff: 0.0000 lb/min

Freq/Rate

Frequency variable (TV): Mass Flow
Frequency Cutoff: 0.2500 lb/min
Pulses per Unit: 500.00000 per lb

Temperature

Temp Units: deg F