

Product Code

CNG050S290NCAAEZZZ

Serial ID

15330955

Order ID

10462906

Line

1.1

Item

Customer Tag

22081334

Process

Process ID : 9.29649003

Process Time : 2022.03.04 15:48:42

Process Stand : SSF1E@SSCCL:1

Stand Uncertainty : +/-0.030%

Fluid : H2O

100% Rate : 38.6 KG/MIN

Pickoff : 1

Max Rate P/T : 41.82 PSIG/20.6 C

Results

Status : PASS

D1 : 0

D2 : 1

K1 : 4069.163

K2 : 4235.804

DT : 4.25

FD : 0

DTG : 0

DFQ1 : 0

DFQ2 : 0

FlowCal : 141.254.50

FFQ : 0

FTG : 0

DensCal : 04069042364.25

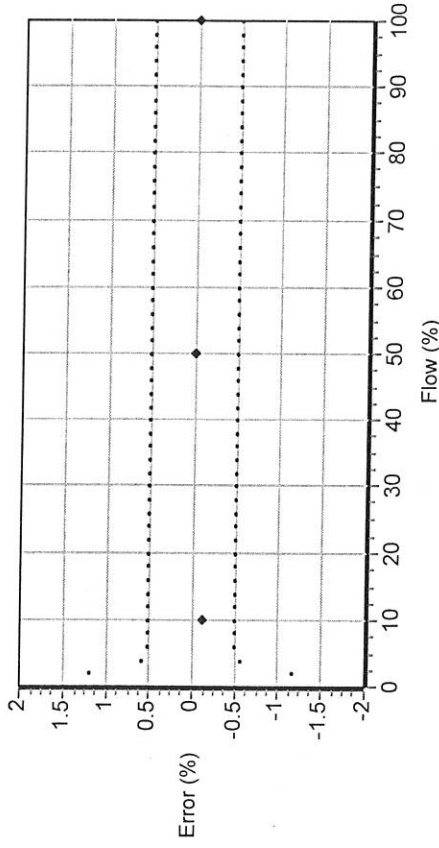
FCF : 141.25

FT : 4.5

Andrei Szabo
ANDREI SZABO

Technician

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



Flow (%)	Flow Rate (kg/min)	Meter Total (kg)	Reference Total (kg)	Error (%)	Specification (±%)
100.0	38.6	38.25389	38.25625	-0.006	0.500
10.0	3.86	7.835092	7.84429	-0.117	0.500
50.0	19.3	19.77993	19.78248	-0.013	0.500
100.0	38.6	38.3105	38.31433	-0.010	0.500

Product Code

Serial ID

Order ID

Line Item

Customer Tag

CNG0505290NCAAEZ2Z

15330955

10462906

1.1.1

22081334

2700I13ABAEZ2WZ

3511867

10462906

1.33

2

PUCK700

26196163

Process

Process ID : 1.36696931
Process Time : 2022.04.01 23:44:44
Process Stand : SSCB-CONFIG1@SSCB

Sensor

D1 : 0

D2 : 1

DFQ1 : 0

DFQ2 : 0

DT : 4.25

DTG : 0

Dens PCF : 0

Density Meter Factor : 1

FCF : 141.25

FD : 0

FFQ : 0

FT : 4.5

FTG : 0

Flow PCP : 30

Flow PCF : 0

K1 : 4069.163

K2 : 4235.804

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 : 9.29649003

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 : 4132743
 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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10/20/2022

Dispenser Serial Number 22081334

Micro Motion Transmitter Configuration

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

Transmitter Model Number: 2700
Sensor Model Number: CNG095
Transmitter Serial Number: 3511867
Sensor Serial Number 15330955
Flow Calibration Factor: 141.254.50
Flow Units lb/min

Communication on RS-485

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

HART Communication

Superimposed on Primary mA (PV)

Analog Output (4-20 mA)

Analog Variable (PV) Mass Flow
Lower Range Value 00000 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 1000.00000 per lb

Temperature

Temp Units deg F