

Product Code

CNG050S290NCAAEEZZZ

PUCK700

Serial ID

15356666

34330858

Order ID

10565460

Line Item

1.1 4

Customer Tag

23081430A



S/N 15356666

Process

Detail



Process ID : 1.37235411

Process Time : 2023.03.24 16:11:37

Process Stand : TSMIC@SSCB:1

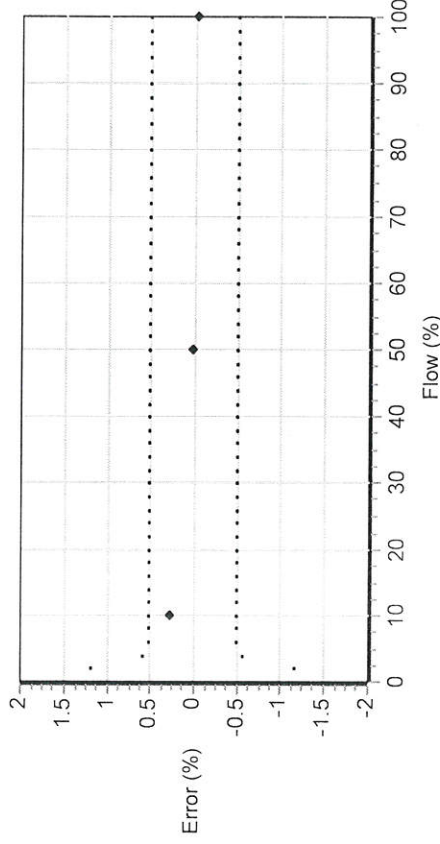
Stand Uncertainty : +/-0.030%

Fluid : H2O

100% Rate : 38.6 KG/MIN

Pickoff : 1

Max Rate P/T : 28.89 PSIG/21.8 C



Results

Status : PASS

D1 : 0

D2 : 1

K1 : 4090.531

K2 : 4259.382

DT : 4.25

FD : 0

DTG : 0

DFQ1 : 0

DFQ2 : 0

FlowCal : 140.824.50

FFG : 0

FTG : 0

DensCal : 04091042594.25

FCF : 140.82

FT : 4.5

Flow (%)	Flow Rate (kg/min)	Meter Total (kg)	Reference Total (kg)	Error (%)	Specification (±%)
100.0	38.6	39.37329	39.38152	-0.021	0.500
10.0	3.86	5.646344	5.63112	0.270	0.500
50.0	19.3	19.21444	19.20978	0.024	0.500
100.0	38.6	39.31346	39.31964	-0.016	0.500

B. Dahal
 BINAYA DAHAL
 Technician

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

Product Code

CNG050S290NCAAEZZZ

2700I13BAEAZWZ

PUCK700

Serial ID

15356666

12232699

34330858

Order ID Line Item Customer Tag

10565460 1.1 4

10565460 1.33 4

23081430A

Process

Process ID : 1.37236251

Process Time : 2023.03.24 22:56:43

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 : 140.82

FD : 0

FFQ : 0

FT : 4.5

FTG : 0

Flow PCP : 30

Flow PCF : 0

K1 : 4090.531

K2 : 4259.382

Mass Flow Meter Factor : 1

Volume Flow Meter Factor : 1

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

Units

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 : 1.37235411

Core Software Rev : 35

Density Cutoff : 0.2

Density Damping : 0.8

Density High Limit : 5

Density Low Limit : 0

Direction : FORWARD

Fault Dwell Time : 0

Feature Key : 1

Flow Damping : 0.8

HART Device ID : 4417905

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 : 2.4

Transmitter Software Rev : 80

Volume Flow Cutoff : 0.11016

23081430A

Product Code

CNG050S290NCAAEZZZ

PUCK700

Serial ID

15356460

34356056

Order ID

10565460

1.1 3

Line Item Customer Tag

23081430B



Process



Process ID : 1.37235262

Process Time : 2023.03.24 14:46:19

Process Stand : TSM1A@SSCB:1

Stand Uncertainty : +/-0.030%

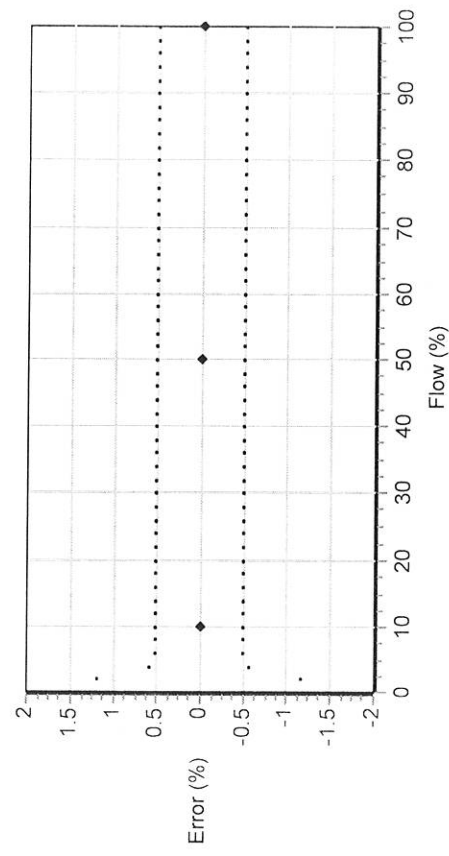
Fluid : H2O

100% Rate : 38.6 KG/MIN

Pickoff : 1

Max Rate P/T : 33.01 PSIG/22.4 C

Detail



Results

Status : PASS

D1 : 0

D2 : 1

K1 : 4111.444

K2 : 4280.243

DT : 4.25

FD : 0

DTG : 0

DFQ1 : 0

DFQ2 : 0

FlowCal : 138.724.50

FFQ : 0

FTG : 0

DensCal : 04111042804.25

FCF : 138.72

FT : 4.5

Flow (%)	Flow Rate (kg/min)	Meter Total (kg)	Reference Total (kg)	Error (%)	Specification (±%)
100.0	38.6	38.0834	38.08686	-0.009	0.500
10.0	3.86	4.030548	4.03024	0.008	0.500
50.0	19.3	19.46116	19.46263	-0.008	0.500
100.0	38.6	37.99848	37.99694	0.004	0.500

MENDEZ, FRANCISCO

Technician

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

Product Code

CNG050S290NCAAEZZZ

2700I13ABAEZMZ

PUCK700

Serial ID

15356460

12232700

34356056

Order ID Line Item Customer Tag

10565460 1.1 3

10565460 1.33 3

Process

Process ID : 1.37235625

Process Time : 2023.03.24 17:05:54

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 : 138.72

FD : 0

FFQ : 0

FT : 4.5

FTG : 0

Flow PCF : 30

Flow PCF : 0

K1 : 4111.444

K2 : 4280.243

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 : 0.64333333

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 : 1.37235262
Core Software Rev : 35
Density Cutoff : 0.2
Density Damping : 0.8
Density High Limit : 5
Density Low Limit : 0
Direction : FORWARD
Fault Dwell Time : 0
Feature Key : 1
Flow Damping : 0.8
HART Device ID : 4417435
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 : 2.4
Transmitter Software Rev : 80
Volume Flow Cutoff : 0.11016