

Product Code

CNG050S290NCAAEZZZ

PUCK700

Serial ID

15356565

34356478

Order ID

10566742

Line

1.1

Item

1

Customer Tag

SN24071469

Process

Detail

Process ID : 1.37235189

Process Time : 2023.03.24 13:53:36

Process Stand : TSM1C@SSCB:1

Stand Uncertainty : +/-0.030%

Fluid : H2O

100% Rate : 38.6 KG/MIN

Pickoff : 1

Max Rate P/T : 29.79 PSIG/21.5 C

Results

Status : PASS

D1 : 0

D2 : 1

K1 : 4085.774

K2 : 4256.519

DT : 4.25

FD : 0

DTG : 0

DFQ1 : 0

DFQ2 : 0

FlowCal : 139.574.50

FFQ : 0

FTG : 0

DensCal : 04086042574.25

FCF : 139.57

FT : 4.5

Neil Wilson

WILSON, NEIL

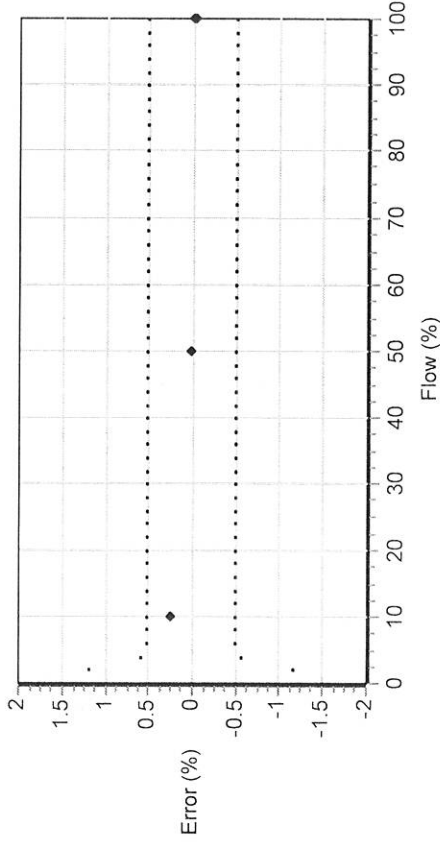
Technician

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

28.0.0.297 2023.03.24 13:53:42

1/1



Flow (%)	Flow Rate (kg/min)	Meter		Reference		Error (%)	Specification (±%)
		Total (kg)	Total (kg)	Total (kg)	Total (kg)		
100.0	38.6	39.60682	39.61306	39.61306	39.61306	-0.016	0.500
10.0	3.86	5.652069	5.637133	5.637133	5.637133	0.265	0.500
50.0	19.3	19.23213	19.22811	19.22811	19.22811	0.021	0.500
100.0	38.6	39.38036	39.38481	39.38481	39.38481	-0.011	0.500

Product Code

CNG050S290NCAAEZZZ

2700I113ABAEZMZ

PUCK700

Serial ID

15356565

12232706

34356478

Order ID

10566742

10566742

Line Item

1.1 1

1.33 1

Customer Tag

SN 24071469

Process

Process ID : 1.37235528

Process Time : 2023.03.24 16:20:44

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 : 139.57

FD : 0

FFQ : 0

FT : 4.5

FTG : 0

Flow PCP : 30

Flow PCF : 0

K1 : 4085.774

K2 : 4256.519

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

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 : 0.6433333

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 : 1.37235189

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 : 4417696
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

SN 24071469