

Product Code

CNG050S290NCAAEZZZ

PUCK700

Serial ID

15353759

34431094

Order ID

10590186

Line

1.1

Item

2

Customer Tag

SN 24091467

Process

Process ID : 1.37347710

Process Time : 2023.06.03 10:51:26

Process Stand : TSM1A@SSCB:1

Stand Uncertainty : +/-0.030%

Fluid : H2O

100% Rate : 38.6 KG/MIN

Pickoff : 1

Max Rate P/T : 32.91 PSIG/22.1 C

Results

Status : PASS

D1 : 0

D2 : 1

K1 : 4077.673

K2 : 4248.879

DT : 4.25

FD : 0

DTG : 0

DFQ1 : 0

DFQ2 : 0

FlowCal : 139.054.50

FFQ : 0

FTG : 0

DensCal : 04078042494.25

FCF : 139.05

FT : 4.5

CASTER, BOB

Technician

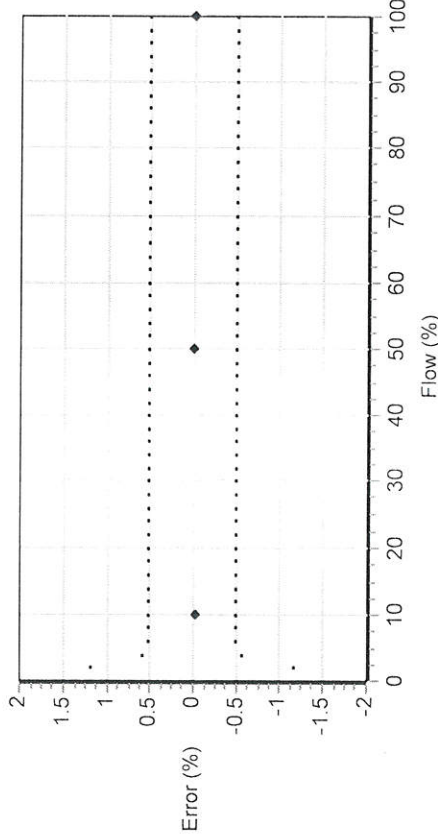
This certificate is produced by an electronic data system and is valid without signature.

Traceable to one or more of the following National Metrology Institutes: NIM-China, NIST-USA, and VSL-The Netherlands
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28.0.0.298 2023.06.03 10:54:10

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Detail



Flow (%)	Flow Rate (kg/min)	Meter Total (kg)	Reference Total (kg)	Error (%)	Specification (±%)
100.0	38.6	38.01328	38.01114	0.006	0.500
10.0	3.86	4.0236	4.02495	-0.034	0.500
50.0	19.3	19.37816	19.37704	0.006	0.500
100.0	38.6	37.90906	37.91147	-0.006	0.500

Product Code	Serial ID	Order ID	Line	Item	Customer Tag	
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CNG050S290NCAAEZZZ	15353759	10590186	1.1	2		
2700I113ABAEZWZ	12237250	10590186	1.33	2		
PUCK700	34431094					

Process ID : 1.37348088
Process Time : 2023.06.03 14:52:17
Process Stand : CONFIGURATION@SSCB

Sensor	Units
D1 : 0	Special Mass Time Unit : SEC
D2 : 1	Special Mass Total Text : NONE
DFQ1 : 0	Special Volume Base Unit : L
DFQ2 : 0	Special Volume Conv Factor : 1
DT : 4.25	Special Volume Flow Text : NONE
DTG : 0	Special Volume Time Unit : SEC
Dens PCF : 0	Special Volume Total Text : NONE
Density Meter Factor : 1	Temperature Unit : C
FCF : 139.05	Volume Flow Unit : L/MIN
FD : 0	
FFQ : 0	
FT : 4.5	
FTG : 0	
Flow PCP : 30	
Flow PCF : 0	
K1 : 4077.673	
K2 : 4248.879	
Mass Flow Meter Factor : 1	
Volume Flow Meter Factor : 1	

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

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 : 1.37347710
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 : 4300674
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 24071467