

**Product Code**

CNG0505290NCAAEZZZCV16

**Serial ID**

 15088571  
 26100458

**Order ID**

10375831

**Line**

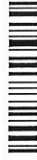
1.1

**Item**

1

**Customer Tag**

PUCK700


**Process**
**Process ID :** 1.35901039

**Process Time :** 2020.08.18 14:19:31

**Process Stand :** TSM1C@SSCB:1

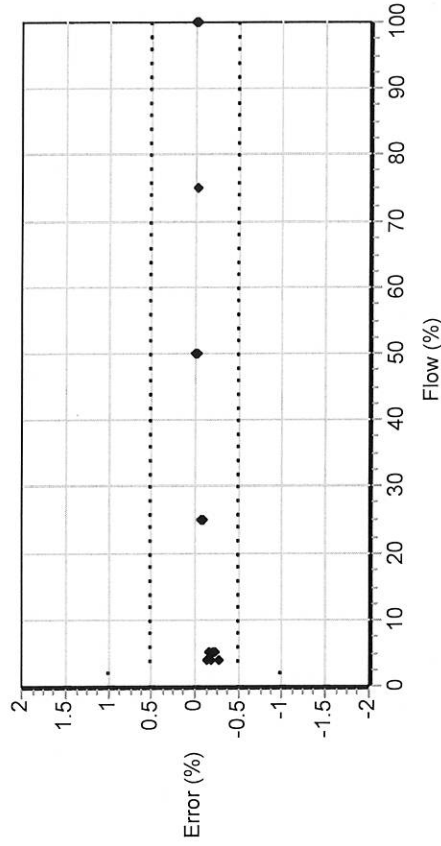
**Stand Uncertainty :** +/-0.030%

**Fluid :** H2O

**100% Rate :** 100 LB/MIN

**Pickoff :** 1

**Max Rate P/T :** 42.61 PSIG/22 C

**Detail**

**Results**
**Status :** PASS

**D1 :** 0

**D2 :** 1

**K1 :** 4013.749

**K2 :** 4182.607

**DT :** 4.25

**FD :** 0

**DTG :** 0

**DFQ1 :** 0

**DFQ2 :** 0

**FlowCal :** 140.844.50

**FFQ :** 0

**FTG :** 0

**DensCal :** 04014041834.25

**FCF :** 140.84

**FT :** 4.5

KP ADHIKARI  
 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	45.35924	44.75521	44.75363	0.004	0.500
100.0	45.35924	44.76277	44.76882	-0.014	0.500
100.0	45.35924	44.76201	44.77063	-0.019	0.500
4.3	1.927768	2.77242	2.777378	-0.179	0.500
4.3	1.927768	2.774187	2.77776	-0.129	0.500
5.0	2.267962	3.558999	3.564312	-0.149	0.500
5.0	2.267962	3.55556	3.563475	-0.222	0.500
5.0	2.267962	3.5528	3.560348	-0.212	0.500
25.0	11.33981	11.68492	11.69538	-0.089	0.500
25.0	11.33981	11.71024	11.71837	-0.069	0.500
50.0	22.67962	22.01964	22.02305	-0.015	0.500
50.0	22.67962	21.907	21.90915	-0.010	0.500
50.0	22.67962	21.90322	21.90484	-0.007	0.500

75.0	34.01943	35.55144	35.55788	-0.018	0.500
75.0	34.01943	35.6036	35.61047	-0.019	0.500
75.0	34.01943	35.55541	35.56219	-0.019	0.500
100.0	45.35924	44.73328	44.73935	-0.014	0.500
100.0	45.35924	44.74009	44.74842	-0.019	0.500
4.3	1.927768	2.787649	2.79537	-0.276	0.500
4.3	1.927768	2.778942	2.786405	-0.268	0.500

Product Code	Serial ID	Order ID	Line Item	Customer Tag
CNG050S290NCAAEZZZCV16	15088571	10375831	1.1	1
2700I11BBAAZZZ	3472611	10375831	1.34	1
PUCK700	26100458			



**Process**

Process ID : 1.35902562  
 Process Time : 2020.08.19 9:38:44  
 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 : 140.84  
 FD : 0  
 FFQ : 0  
 FT : 4.5  
 FTG : 0  
 Flow PCP : 30  
 Flow PCF : 0  
 K1 : 4013.749  
 K2 : 4182.607  
 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 Assignment : Milliamp (Secondary) Output [#2]  
 Channel B Power : Active (internally powered)  
 Channel C Assignment : Frequency (Primary) Output [#1]  
 Channel C Power : Active (internally powered)

**Assignments**

Discrete Input 1 Assignment : None  
 Discrete Output 1 Assignment : Fault Condition Indication  
 Discrete Output 2 Assignment : Fault Condition Indication  
 Event 1 Variable : Density  
 Event 2 Variable : Density  
 Frequency1 Scaling Method : Frequency = Flow  
 Frequency Variable 1 : Mass Flow Rate  
 mA1 Variable : Mass Flow Rate  
 mA2 Variable : Density

**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 Low  
 Frequency1 Hertz : 1000  
 Frequency1 Output Mode : Single

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

**Ranges**

Frequency1 Pulses/Unit : 1.554404  
Frequency1 Rate : 643.3333  
Frequency1 Units/Pulse : 0.64333333  
    mA1 LRV : 0  
    mA1 URV : 643.3333  
    mA2 LRV : 0  
    mA2 URV : 5

**Faults**

Frequency1 Fault Behavior : Upscale  
Frequency1 Fault Value : 15000  
    mA1 Fault Behavior : Downscale (Default)  
    mA1 Fault Value : 2  
    mA2 Fault Behavior : Downscale (Default)  
    mA2 Fault Value : 2

**Other**

Calibration Process ID : 1.35901039  
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 : 0  
Flow Damping : 0.8  
HART Device ID : 6106552  
    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