

1181  
#1

Product Code	Serial ID	Order ID	Line	Item	Customer Tag
CNG050S290NCAAEZZZ	13151418	10241467	3.1	1	

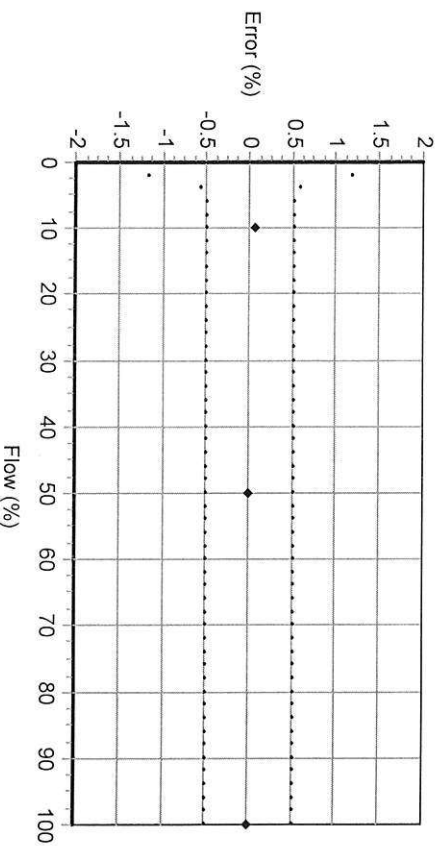
### Process

Process ID : 5.26289535  
 Process Time : 2017.02.07 20:20:46  
 Process Stand : TSGCNG6SSCN  
 Stand Uncertainty : +/-0.030%  
 Fluid : H2O  
 100% Rate : 38.6 KG/MIN  
 Pickoff : 1  
 Max Rate P/T : 44.81 PSIG/24.6 C

### Detail

### Results

Status : PASS



D1 : 0  
 D2 : 1  
 K1 : 4026.08  
 K2 : 4203.237  
 DT : 4.25  
 FD : 0  
 DTG : 0  
 DFQ1 : 0  
 DFQ2 : 0  
 FlowCal : 138.054.50  
 FFG : 0  
 FTG : 0  
 DensCal : 04026042034.25  
 FCF : 138.05  
 FT : 4.5

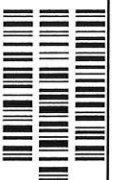
Flow (%)	Flow Rate (kg/min)	Meter Total (kg)	Reference Total (kg)	Error (%)	Specification (±%)
100.0	38.6	29.43507	29.43806	-0.010	0.500
10.0	3.86	2.857301	2.855337	0.069	0.500
50.0	19.3	14.67218	14.67111	0.007	0.500
100.0	38.6	29.52257	29.52165	0.003	0.500

CHEN, QING

Technician

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

Product Code	Serial ID	Order ID	Line	Item	Customer Tag
CNG050S290NCAAEZZZ	13151418	10241467	3.1	1	
2700I13ABAEZMZ	3366550	10241467	3.34	1	
PUCK700	33315484				

10241467  
102414673.1 1  
3.34 1

## Process

Process ID : 1.33565735

Process Time : 2017.02.20 14:36:42

Process Stand : SSCB-CONFIG1@SSCB



## Sensor

D1 : 0

D2 : 1

DFQ1 : 0

DFQ2 : 0

DT : 4.25

DTG : 0

Density Meter Factor : 1

Density Press Comp Factor : 0

FCF : 138.05

FD : 0

FFQ : 0

FT : 4.5

FTG : 0

Flow PCP : 0

Flow PCF : 0

K1 : 4026.08

K2 : 4203.237

Mass Flow Meter Factor : 1

Temperature Cal Factor : 1.00000T.00000

Volume Flow Meter Factor : 1

## Units

Special Volume Conv Factor : 1

Special Volume Flow Text : NONE

Special Volume Time Unit : SEC

Special Volume Total Text : NONE

Temperature Unit : DEGC

Volume Flow Unit : L/MIN

## 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 : LOW ALARM

Event 2 Setpoint : 0

Event 2 Type : LOW ALARM

Frequency1 Active State : ACTIVE HIGH

Frequency1 Hertz : 1000

Frequency1 Pulses/Unit : 25.90674

Frequency1 Rate : 38.6

Frequency1 Units/Pulse : 0.0386

mA1 LRV : 0

mA1 URV : 38.6

## Units

Density Unit : G/CUCCM

GSV Flow Unit : SCFM

Mass Flow Unit : G/S

Pressure Unit : PSI

Special GSV Flow Unit Text : NONE

Special Mass Base Unit : GRAM

Special Mass Conv Factor : 1

Special Mass Flow Text : NONE

Special Mass Time Unit : SEC

Special Mass Total Text : NONE

Special Volume Base Unit : LITER

## Faults

Frequency1 Fault Behavior : UPSCALE

Frequency1 Fault Value : 15000

RS485 Fault Behavior : NONE

mA1 Fault Behavior : DOWNSCALE

mA1 Fault Value : 2

## Other

Calibration Process ID : 5.26289535

Other

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 : 3326780

LD Coil : 0

LD Type : 0

Mass Flow Cutoff : 1.836

Pressure Comp Line Pressure : 0

Pressure Compensation State : OFF

RS485 Baud : 1200

RS485 Parity : ODD

RS485 Protocol : HART

Slug Duration : 0

Tag :

Temperature Damping : 4.8

Transmitter Software Rev : 66

Volume Flow Cutoff : 0.11016

1181  
#2

13151416

Product Code	Serial ID	Order ID	Line	Item	Customer Tag
CNG050S290NCAEZZZ	13151416	10241467	2.1	1	



## Process

## Detail

Process ID : 5.26288663  
Process Time : 2017.02.07 13:51:05  
Process Stand : TSGCNG@SSCN  
Stand Uncertainty : +/-0.030%  
Fluid : H2O  
100% Rate : 38.6 KG/MIN  
Pickoff : 1  
Max Rate P/T : 44.34 PSIG/24.6 C



## Results

Status : PASS

D1 : 0  
D2 : 1

K1 : 4017.411

K2 : 4193.532

DT : 4.25

FD : 0

DTG : 0

DFQ1 : 0

DFQ2 : 0

FlowCal : 138.814.50

FFQ : 0

FTG : 0

DensCal : 04018041944.25

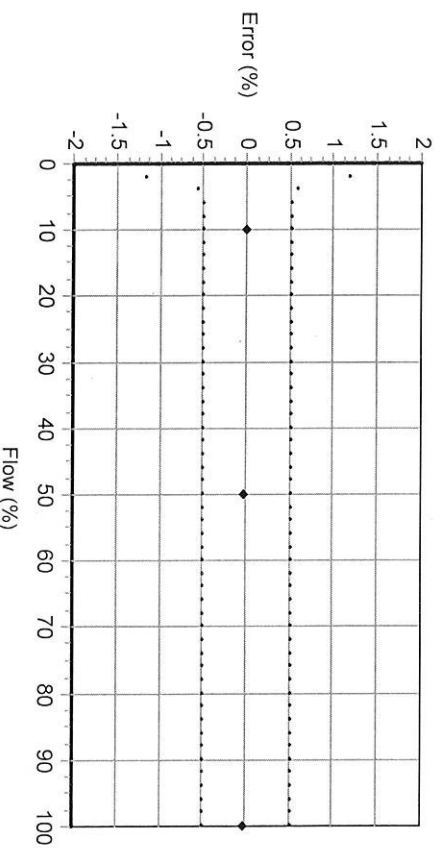
FCF : 138.81

FT : 4.5

CHEN, QING

Technician

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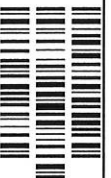
Flow (%)	Flow Rate (kg/min)	Meter Total (kg)	Reference Total (kg)	Error (%)	Specification (±%)
100.0	38.6	29.51485	29.52087	-0.020	0.500
10.0	3.86	2.838515	2.838225	0.010	0.500
50.0	19.3	14.70081	14.70388	-0.021	0.500
100.0	38.6	29.51935	29.52542	-0.021	0.500

## Micro Motion, Inc.

## Transmitter Configuration Report

3368136

Product Code	Serial ID	Order ID	Line	Item	Customer Tag
CNG050S290NCAAEZZZ	13151416	10241467	2.1	1	
2700I13ABAEZMZ	3368136	10241467	2.34	1	
PUCK700	33324330				



10241467

2.1 1

Customer Tag

## Process

Process ID : 1.33564504

Process Time : 2017.02.20 7:42:00

Process Stand : SSCB-CONFIG1@SSCB



## Sensor

## Units

Special Volume Conv Factor : 1

Special Volume Flow Text : NONE

Special Volume Time Unit : SEC

Special Volume Total Text : NONE

Temperature Unit : DEGC

Volume Flow Unit : L/MIN

D1 : 0

D2 : 1

DFQ1 : 0

DFQ2 : 0

DT : 4.25

DTG : 0

Density Meter Factor : 1

Density Press Comp Factor : 0

FCF : 138.81

FD : 0

FFQ : 0

FT : 4.5

FTG : 0

Flow PCP : 0

Flow PCF : 0

K1 : 4017.411

K2 : 4193.532

Mass Flow Meter Factor : 1

Temperature Cal Factor : 1.00000T.00000

Volume Flow Meter Factor : 1

## Units

Density Unit : G/CUCM

GSV Flow Unit : SCFM

Mass Flow Unit : G/S

Pressure Unit : PSI

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Special Mass Total Text : NONE

Special Volume Base Unit : LITER

## Assignments

Event 1 Variable : DENSITY

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Frequency1 Hertz : 1000

Frequency1 Pulses/Unit : 25.90674

Frequency1 Rate : 38.6

Frequency1 Units/Pulse : 0.0386

mA1 LRV : 0

mA1 URV : 38.6

## Faults

Frequency1 Fault Behavior : UPSCALE

Frequency1 Fault Value : 15000

RS485 Fault Behavior : NONE

mA1 Fault Behavior : DOWNSCALE

mA1 Fault Value : 2

## Other

Calibration Process ID : 5.26288663

Other

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 : 3326224  
LD Coil : 0  
LD Type : 0  
Mass Flow Cutoff : 1.836  
Pressure Comp Line Pressure : 0  
Pressure Compensation State : OFF  
RS485 Baud : 1200  
RS485 Parity : ODD  
RS485 Protocol : HART  
Slug Duration : 0  
Tag :  
Temperature Damping : 4.8  
Transmitter Software Rev : 66  
Volume Flow Cutoff : 0.11016