



GW Allen Prover Inspection and Test Certification Package – GWP05

Updated: 2/17/2025



Gage Western Prover Inspection and Test Certification Package - GWP05

Updated: 2/17/2025

Prover Name: GW_FMD_025_03_P

Certification Date: 12/5/2024

Certification Due: 12/5/2027

Serial Number: 000761

Date of Fabrication: 11/2018

Max Working Pressure: 285 PSIG

Nominal Flow Rate: 2,500 GPM

Package Contents:

1. Cover Sheet
2. Table of Contents
3. Primary Waterdraw
4. Secondary Waterdraw
5. Tertiary Waterdraw
6. Temperature Transmitter
7. Temperature Transmitter
8. Pressure Transmitter



Prover Calibration Report

Company Information

Customer: GAGE WESTERN
Address: 7907 W INDUSTRIAL AVE MIDLAND TX 79706
Owner: GAGE WESTERN

Purchase Order #: 1
Work Order #: PRIMARY W1-W3

Equipment Information

Manufacturer: FMD
Model #: H14025(IT)LAASGAANVC
Description: SVP
Serial #: 761
ID #: 0
Tube Wall Thickness: 0.9685 inches
Tube Inside Diameter: 16.995 inches

Calibration Date: 12/5/2024
Due Date: 12/5/2027
Temperature: 69 °F
Humidity: 70 % RH
Barometric Pressure: 29.960 inHg
Technician: ZACKARY CURRIE
Procedure Used: API 4.9.4
Calibration Location: CFLM LAB

Conditions Statement USED, GOOD CONDITION

This instrument listed on this certificate has been calibrated against standards traceable thru National Institute of Standards and Technology (NIST), to the International System of Units (SI). Coastal Flow Liquid Measurement's quality system complies with applicable requirements of ISO/IEC 17025:2017. The reported uncertainties and/or "test uncertainties ratios" (TUR's) are expressed as expanded uncertainty values at approximately the 95% confidence level using a coverage factor of K=2. Statement of compliance, where applicable, are based on test results falling within specified limits with the uncertainty of the measurement taken into account. All results contained herein relate only to items(s) calibrated. This certificate shall not be reproduced except in full, without the written permission of Coastal Flow Liquid Measurement.

Data Results

Volume of 75.7064 Liters at 60 F & 0 PSIG
Volume of 19.9995 U.S. Gallons at 60 F & 0 PSIG
Volume of 0.476179 Barrels (42 Gall) at 60 F & 0 PSIG



Customer Satisfaction Survey

Authorized By: Shannon Thomas, Waterdraw Supervisor
Coastal Flow Liquid Measurement, Inc.



Prover Calibration Report

Company Information

Customer: GAGE WESTERN
Address: 7907 W INDUSTRIAL AVE MIDLAND TX 79706
Owner: GAGE WESTERN
Purchase Order #: 11
Work Order #: SECONDARY W2-W3

Equipment Information

Manufacturer: FMD
Model #: H44025(11)LAASGAWCS
Description: SVP
Serial #: 751
ID #:
Tube Wall Thickness: 0.9635 inches
Tube Inside Diameter: 15.935 inches
Calibration Date: 12/5/2024
Due Date: 12/5/2027
Temperature: 69 °F
Humidity: 69 % RH
Barometric Pressure: 29.950 inHg
Technician: ZACKARY CURRIE
Procedure Used: API 4.9.4
Calibration Location: CRUM LAAS
Conditions Statement USED, GOOD CONDITION

This instrument listed on this certificate has been calibrated against standards traceable thru National Institute of Standards and Technology (NIST), to the International System of Units (SI). Coastal Flow Liquid Measurement's quality system complies with applicable requirements of ISO-IEC 17025:2017. The reported uncertainties and/or "test uncertainties ratios" (TUR's) are expressed as expanded uncertainty values at approximately the 95% confidence level using a coverage factor of K=2. Statement of compliance, where applicable, are based on test results falling within specified limits with the uncertainty of the measurement taken into account. All results contained herein relate only to item(s) calibrated. This certificate shall not be reproduced except in full, without the written permission of Coastal Flow Liquid Measurement.

Data Results

Volume of 56.7609 Liters at 60 F & 0 PSIG
Volume of 14.9947 U.S. Gallons at 60 F & 0 PSIG
Volume of 0.357016 Barrels (42 Gall) at 60 F & 0 PSIG



Customer Satisfaction Survey

Authorized By: Shannon Thomas, Waterdraw Supervisor
Coastal Flow Liquid Measurement, Inc.



Prover Calibration Report

Company Information

Customer: GAGE WESTERN
Address: 7907 W INDUSTRIAL AVE MIDLAND TX 79706
Owner: GAGE WESTERN

Purchase Order #: 1
Work Order #: TERNIARY W1-W2

Equipment Information

Manufacturer: FMD
Model #: H44025(LASGAWS)
Description: SVP
Serial #: 761
ID #: 0
Tube Wall Thickness: 0.9685 inches
Tube Inside Diameter: 16.955 inches

Calibration Date: 12/5/2024
Due Date: 12/5/2027
Temperature: 69 °F
Humidity: 68 % RH
Barometric Pressure: 29.940 inHg
Technician: ZACKARY CURRIE
Procedure Used: API 4.9.4
Calibration Location: CFM LAB

Conditions Statement USED, GOOD CONDITION

This instrument listed on this certificate has been calibrated against standards traceable thru National Institute of Standards and Technology (NIST), to the International System of Units (SI). Coastal Flow Liquid Measurement's quality system complies with applicable requirements of ISO/IEC 17025:2017. The reported uncertainties and/or "test uncertainties ratios" (TUR's) are expressed as expanded uncertainty values at approximately the 95% confidence level using a coverage factor of K=2. Statement of compliance, where applicable, are based on test results falling within specified limits with the uncertainty of the measurement taken into account. All results contained herein relate only to item(s) calibrated. This certificate shall not be reproduced except in full, without the written permission of Coastal Flow Liquid Measurement.

Data Results

Volume of 18.9465 Liters at 60 F & 0 PSIG
Volume of 5.00513 U.S. Gallons at 60 F & 0 PSIG
Volume of 0.119170 Barrels (42 Gall) at 60 F & 0 PSIG



Customer Satisfaction Survey

Authorized By: Shannon Thomas, Waterdraw Supervisor
Coastal Flow Liquid Measurement, Inc.

23 October, 2018

Emerson Automation Solutions
6021 Innovation Blvd
Shakopee, MN 55379



Calibration Data Sheet Consistent with ISO 10474 3.1 or EN 10204 3.1

Customer Information Name: FLOW MANAGEMENT DEVICES LLC PO: 027350	Manufacturer Information Sales Order: 5378405 Line: 1
Device Information Device Type: Temperature Transmitter Customer Ref/ID: 000-112012-SEN Serial No: 0019536 Model No: 3144PD1A1KAM5T1C4Q4 Output: Linear	Calibration Information Factory: SHAKOPEE, MN, USA Station Name: SHAK_TE Operator ID: 73432 Calibration Date: 10/23/2018 12:18:38 AM Internal Ref #: 40119878 
Permanent Tag Information	Wire-On Tag Information

Equipment Used

EqNumber:	EqName:	CalDueDate:
E3-60866	Multimeter	1/12/2019 7:46:00AM

Calibration Data

Sensor 1

Pt100 00385

4 Wire

-50.00 TO 150.00 DEG C

% of Range	Measured Input	Digital Output	Analog Output	% Span Error	Pass/Fail
100.099	150.198 DEG C	150.214 DEG C	20.0173 mA	0.0091	PASS
75.104	100.208 DEG C	100.218 DEG C	16.0181 mA	0.0091	PASS
50.092	50.183 DEG C	50.188 DEG C	12.0145 mA	-0.0009	PASS
25.104	0.209 DEG C	0.205 DEG C	8.0159 mA	-0.0051	PASS
0.090	-49.820 DEG C	-49.820 DEG C	4.0149 mA	0.0031	PASS

This is to certify that the listed product meets the applicable Rosemount Specifications. Measuring and test equipment used in the manufacture and inspection of the listed product are traceable to the National Institute of Standards and Technology. The calibration system was designed to meet the intent of ANSI Z540-1-1994.



Heather Matthiesen
Quality Manager

23 October, 2018

Emerson Automation Solutions

6021 Innovation Blvd
Shakopee, MN 55379

Calibration Data Sheet Consistent with ISO 10474 3.1 or EN 10204 3.1

Customer Information Name: FLOW MANAGEMENT DEVICES LLC PO: 027350	Manufacturer Information Sales Order: 5378405 Line: 1
Device Information Device Type: Temperature Transmitter Customer Ref/ID: 000-112012-SEN Serial No: 0019535 Model No: 3144PD1A1KAM5T1C4Q4 Output: Linear	Calibration Information Factory: SHAKOPEE, MN, USA Station Name: SHAK_TE Operator ID: 73207 Calibration Date: 10/23/2018 12:05:25 AM Internal Ref #: 40119877 
Permanent Tag Information	Wire-On Tag Information

Equipment Used

EqNumber:	EqName:	CalDueDate:
E3-60860	Multimeter	2/12/2019 7:29:00AM

Calibration Data

Sensor 1

Pt100 00385

4 Wire

-50.00 TO 150.00 DEG C

% of Range	Measured Input	Digital Output	Analog Output	% Span Error	Pass/Fail
100.100	150.201 DEG C	150.182 DEG C	20.0164 mA	0.0020	PASS
75.098	100.197 DEG C	100.190 DEG C	16.0161 mA	0.0021	PASS
50.096	50.191 DEG C	50.177 DEG C	12.0137 mA	-0.0099	PASS
25.117	0.233 DEG C	0.224 DEG C	8.0174 mA	-0.0077	PASS
0.090	-49.820 DEG C	-49.823 DEG C	4.0142 mA	-0.0012	PASS

This is to certify that the listed product meets the applicable Rosemount Specifications. Measuring and test equipment used in the manufacture and inspection of the listed product are traceable to the National Institute of Standards and Technology. The calibration system was designed to meet the intent of ANSI Z540-1-1994.



Heather Matthiesen
Quality Manager



20 December, 2018

Emerson Automation Solutions
6021 Innovation Blvd
Shakopee, MN 55379

Certificate of Compliance - Consistent with ISO 10474 or EN 10204:2004 2.1

Customer Information	Manufacturer Information
Name: FLOW MANAGEMENT DEVICES LLC PO: 026998	Sales Order: 5339862 Internal Ref #: 40147364

Model Number	Equipment Name	Serial Number	Customer Ref / ID	Manufacturing Number	Tag Number
Date Added to Certificate: 12/20/2018 04:05:54 PM					
3051S2TG4A2E11A2EKDM8Q4	Pressure Transmitter	0024395	000-104178-SEN	N/A	
3051S2TG4A2E11A2EKDM8Q4	Pressure Transmitter	0024396	000-104178-SEN	N/A	
3051S2TG4A2E11A2EKDM8Q4	Pressure Transmitter	0024397	000-104178-SEN	N/A	
3051TG4A2B21AB4K6Q4M5T1	Pressure Transmitter	0053471	000-100687-SEN	N/A	
3051TG4A2B21AB4K6Q4M5T1	Pressure Transmitter	0053472	000-100687-SEN	N/A	
3051TG4A2B21AB4K6Q4M5T1	Pressure Transmitter	0053473	000-100687-SEN	N/A	
3051TG4A2B21AB4K6Q4M5T1	Pressure Transmitter	0053474	000-100687-SEN	N/A	
3051TG4A2B21AB4K6Q4M5T1	Pressure Transmitter	0053475	000-100687-SEN	N/A	
3051TG4A2B21AB4K6Q4M5T1	Pressure Transmitter	0053476	000-100687-SEN	N/A	
3051TG4A2B21AB4K6Q4M5T1	Pressure Transmitter	0053477	000-100687-SEN	N/A	
3051TG4A2B21AB4K6Q4M5T1	Pressure Transmitter	0053478	000-100687-SEN	N/A	
3051TG4A2B21AB4K6Q4M5T1	Pressure Transmitter	0053479	000-100687-SEN	N/A	
3051TG4A2B21AB4K6Q4M5T1	Pressure Transmitter	0053480	000-100687-SEN	N/A	
3051TG4A2B21AB4K6Q4M5T1	Pressure Transmitter	0053481	000-100687-SEN	N/A	
3051TG4A2B21AB4K6Q4M5T1	Pressure Transmitter	0053482	000-100687-SEN	N/A	
3144PD1A1KAM5T1C4Q4	Temperature Transmitter	0017102	000-112012-SEN	N/A	

NOTE: Serial Number and Manufacturing Number are unique identifiers and indicate a quantity of one.

This Certifies that Rosemount Inc. parts, on the above Rosemount Inc. Sales Order and Customer Purchase Order, conform to all applicable Rosemount Inc. specifications. The parts have been inspected and tested per applicable drawings and have been found acceptable. The parts were inspected and manufactured conforming to the Quality Assurance System stated in the Rosemount Inc. Quality Assurance Manual. The Quality System for the Design Manufacture Test and Service of Measurement Instruments for process control has been certified to comply with ISO 9001:2008.

A handwritten signature in black ink, appearing to read "Heather K. Matthiesen", with a stylized flourish at the end.

Heather Matthiesen
Quality Manager