

**State of California**  
 Department of Food and Agriculture  
 Division of Measurement Standards

Certificate Number: 5279(a)-02  
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***California Type Evaluation Program***  
***Certificate of Approval***  
***for Measuring Devices***

**For:**

Pump Measure Control, Inc.  
 Retail Motor Fuel Dispenser  
 Basic Model: SF Series  
 Capacity: \$9999.99  
 9999.99 Gallons  
 Unit Pricing: \$.001 - 9.999

**Submitted by:**

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**Standard Features and Options**

**Model Designation:**

Basic Model	<u>SF-XX</u> Single hose dispenser	<u>SF-XX-XX</u> Dual hose dispenser	<u>SF-XX-XX-XXX-XXX</u> Suffix (may appear in any order)
SF	<p><b>46:</b> 2PM-6 Wayne Meter</p> <p><b>47:</b> M5-P1 Liquid Controls Meter</p> <p><b>48:</b> Same as 47 with higher rating solenoid valve</p> <p>2PM-6 Wayne Meter Flow capacity: 0 –18 gpm</p> <p>M5-P1 Liquid Controls Meter Flow Capacity: 5 – 60 gpm</p>	<p><b>46:</b> 2PM-6 Wayne Meter</p> <p><b>47:</b> M5-P1 Liquid Controls Meter</p> <p><b>48:</b> Same as 47 with higher rating solenoid valve</p> <p><b>Blank:</b> Single Hose</p> <p><b>Note:</b> This column represents a dual hose dispenser</p>	<p><b>1:</b> Base dispenser unit, no reel</p> <p><b>4:</b> 1" reel with steel parts</p> <p><b>5:</b> 1-1/2" reel with steel parts</p> <p><b>6:</b> 1" reel with aluminum parts</p> <p><b>7:</b> 1-1/2" reel with aluminum parts</p> <p><b>8:</b> 1" reel with stainless steel parts</p> <p><b>9:</b> 1-1/2" reel with stainless steel parts</p> <p><b>S1:</b> Internal frame and head of the dispenser are constructed from stainless steel</p> <p><b>CL2:</b> Base meter in the unit is CLASS 2 (for aviation use). This extension would only apply to the SF-47 and SF-48.</p> <p><b>G:</b> Unit is set-up for US GALLONS only</p> <p><b>V:</b> Valve with VITON seals.</p>

These devices were evaluated under the California Type Evaluation Program (CTEP) and were found to comply with the applicable requirements of California Code of Regulations for "Weighing and Measuring Devices." Evaluation results and device characteristics necessary for inspection and use in commerce are on the following pages.

Effective Date: February 8, 2002

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 Mike Cleary, Director

**Pump Measure Control, Inc.**  
**Retail Motor Fuel Dispenser**  
**Basic Model: SF Series**

**Application:** For use in dispensing gasoline (SF-46) and diesel (SF-47 or 48) motor fuel at retail service stations.

**Identification:** The identification badge is located on the side panel of the dispenser housing near the nozzle hanging position.

**Sealing:** The meter calibration for the SF-46 may be secured by a wire security seal on the top of the meter housing (2PM-6). The calibration for the SF-47 or 48 dispenser may be secured by applying a wire security seal through holes in the retaining screws on the front calibration access panel of the M5 meter.

**Operation:** The dispenser may be used as a stand-alone or interfaced with a service station console. Price per unit setting is accessible by opening the top panel of the display window and removing screws to the panel.

**Test Conditions:** This certificate supersedes Certificate of Approval Number 5279-01 and is issued to correct the manufacturer's name for the measuring element on page one.

The original test conditions are repeated below for reference.

**Certificate of Approval Number 5279-01:** The Model SF-46 and SF-48 dispensers, interfaced with the TMS 800F PLUS remote console using a Veeder-Root Pulse Transmitter Model 7671, were submitted for evaluation. The emphasis was on the design, performance, and interaction with the measuring systems. The meters used in the devices were previously evaluated under Certificates of Approval Numbers 4152-94 and 4494-97. The product throughput requirements were waived based upon testing performed in conjunction with these certificates. Accuracy tests were performed at repeated runs at three different flow rates and repeated again after 30 days of continuous service.

The results of the evaluation indicate the devices comply with applicable requirements.

**Type Evaluation Criteria Used:** Title 4, California Code of Regulations, 2002 Edition

**Tested By:** Charlie Nelson (CA), Russell Wyckoff (OR)