



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

Certificate Number: 5693-12  
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***California Type Evaluation Program  
Certificate of Approval  
for Weighing and Measuring Devices***

**For:**

Hydrocarbon Gas Vapor Meter  
Positive Displacement Diaphragm Meters  
Model: NG4  
Capacity: 211 cubic feet per hour (CFH) @ 7.0-inch  
water column  
Maximum Operating Pressure: 7.25 psig

**Submitted by:**

Norgas Metering Technologies, Inc.  
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**Standard Features and Options**

- Aluminum body
- Corrosion resistant internal components and external epoxy coating
- Buna-N diaphragm material
- Non-temperature compensating
- Cubic Feet registration
- 8-digit analog register
- Top arrow indicating flow direction (left to right)

Temperature Range: -4 °F to +122 °F (-20 °C to 50 °C)

This device was evaluated under the California Type Evaluation Program (CTEP) and was found to comply with the applicable technical 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: September 11, 2012

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Kristin J. Macey, Director

**Norgas Metering Technologies, Inc.**  
Hydrocarbon Gas Vapor Meter / NG4

**Application:** Approved for commercial measurement of hydrocarbon gases in a legal sub-metering installation.

**Identification:** The NG4 will have an identification plate glued to the front of the meter. It will have the manufacturer's name, base capacity, the NTEP CC number, and the manufacturing serial number. Other information is also on the register face.

**Sealing:** Two lead/plastic security plugs are used to seal the index screws. A wire security seal through the index and pulse output screw is used to seal the index and pulse outputs from being able to be removed. Ten security screws are used to secure the top and bottom meter casing along with one front and one back lead wire seal.

**NOTE:** The index and/or any fasteners **MUST NOT** be removed otherwise this will void any factory warranty.

**Test Conditions:** Two NG4 non- temperature compensating meters were submitted for evaluation. Accuracy tests were performed at various flow rates using a five cubic foot bell prover. Also a low flame test was performed. The accuracy tests were repeated after over 170,000 cubic feet of air was passed through the devices.

The results of the evaluation and information provided by the manufacturer indicate the device complies with applicable requirements.

**Type Evaluation Criteria Used:** Title 4, California Code of Regulations, 2012 Edition

**Tested By:** J. Roach (CA)

