

California Type Evaluation Program
Certificate of Approval
for Hydrocarbon Gas Vapor Measuring Device

For:

Hydrocarbon Gas Vapor Measuring Device
Positive Displacement Meter
Model: Lancaster 250
Maximum Capacity: 250 cu ft per hour at 0.5-inch water
column differential pressure
Maximum Working Pressure: 5 psig

Submitted by:

National Meter
240 Baldwin Drive
Lancaster, OH 43130
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Contact: Gordon Fink

Standard Features and Options

Aluminum alloy die casting case
Non-temperature compensating

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: June 22, 2000

Mike Cleary, Director

**National Meter
Hydrocarbon Gas Vapor Measuring Device
Model: Lancaster 250**

Application: Commercial measurement of natural gas at a flow rate up to 250 cu ft per hour.

Identification: The required information is located on a metal badge riveted to the front cover casting.

Sealing: A drilled head plug located on the right side of the center casting allows access to the internal adjustment. A drilled head index cover screw allows access to the index gearing assembly. A wire security seal(s) may be threaded through:

- the index cover screw,
- a drilled head bolt on the front cover casting,
- the adjustment plug, and
- a drilled head bolt on the rear cover casting.

Test Conditions: The Model 250 with index register part number 400-11098-05 was submitted for testing. Accuracy tests were performed at various flow rates from 3.6 to 237 cu ft per hour using a standard 5 cu ft bell prover. The device was also tested for leaks and a low flame test was performed. These tests were repeated after 250 000 cu ft of air was passed through the device.

The results of the evaluation indicate the device complies with applicable requirements.

Type Evaluation Criteria Used: Title 4, California Code of Regulations, 2000 Edition.

Tested By: Norman Ingram and Charles Nelson (CA)