

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

Certificate Number: 5404(a)-08
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California Type Evaluation Program
Certificate of Approval
for Weighing and Measuring Devices

For:

Sensus Metering Systems
Hydrocarbon Gas Vapor Meter
Model: Sensus (formerly Invensys Energy Metering)
(See Table Below)

Submitted by:

Sensus Metering Systems
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Standard Features and Options

Sensus Metering Systems has purchased Invensys Energy Metering.

The models of Sensus hydrocarbon gas vapor meters listed below, previously approved under the name of Invensys, are approved for sale and use in the State of California.

Model	Previous Certificate Number	Model	Previous Certificate Number
R-275	1683-78	3000	576-62
R-275TC	1740-79	3000TC	1164-71
S-275	2643-85	5000	3781-92
S-275TC	2643-85	5000TC	634-63
R-315	1741-79	10 000	576-62
R-315TC	3781-92	10 000TC	3781-92
415	570-62	T-18 Mark II Turbo Meter	1288-73
415TC	655-64	T-30 Series "G" Turbo Meter	1165(a)-71
750	586-62		
750TC	1150-71		

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.



Edmund E. Williams, Acting Director

Effective Date: February 11, 2008

**Sensus Metering Systems
Hydrocarbon Gas Vapor Meter
Model: Sensus (formerly Invensys Energy Metering)**

Application: For use in the measurement of hydrocarbon gases.

Identification: An identification plate with the manufacturer's name, meter model number, serial number, and product capacity rate is attached to the front of the meter.

Sealing: A wire security seal may be threaded through two drilled head screws on diagonal corners attaching the top cover plate to the meter. In addition, a wire security seal may be threaded through drilled head screws on the index and the top cover plate to prevent access to adjustable components.

Models T-18 and T-30 Turbo Meters: An additional wire security seal may be threaded through a drilled head bolt attaching the register index adapter to the top plate assembly and a drilled head bolt attaching the top plate assembly to the meter body assembly.

Test Conditions: This Certificate supersedes Certificates of Approval 5404-04 and is issued to improve the sealing method. No additional testing was required.

Previous test conditions are listed below for reference.

Certificate of Approval Number 5404-04: This Certificate is issued to change the manufacturer's name from Invensys Energy Metering to Sensus Metering Systems. No additional testing was necessary based upon the referenced Certificates of Approval and information provided by the manufacturer.

The results of the evaluations and information provided by the manufacturer indicate the devices comply with applicable requirements.

Type Evaluation Criteria Used: Title 4, California Code of Regulations, 2007 Edition

Information Reviewed By: Norman Ingram (CA) 5404-04 and Van Thompson (CA) 5404(a)-08