

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

Certificate Number: 5620-09

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California Type Evaluation Program
Certificate of Approval
for Weighing and Measuring Devices

For:

Remote Meter Reading Device
Encoder Receiver Transmitter (ERT) Gas Module
For Mechanical Dial Style Meter Registers

Type: CSB-XXX-ERT
(See Type Number table, page 2)

Submitted by:

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Standard Features and Options

- Power source: "A" cell lithium battery
- Bar-coded ERT module with specific serial number
- Compact design and direct engagement to the meter drive
- Gray polycarbonate housing; encapsulates electronics for protection against environmental hazards and tampering

Note: The device is to be used in conjunction with a meter reading system. The output transmission was not tested; therefore the device is limited to installations where the meter register (display) may be viewed by the user.

This device was evaluated under the California Type Evaluation Program (CTEP) and was 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: November 19, 2009



Edmund E. Williams, Director

Custom Select Billing Inc.
Encoder Receiver Transmitter Meter Adapter
Model: CSB-XXX-ERT

Application: Approved for use as a mechanical interlink component installed between the type-approved mechanical dial register and meter case of hydrocarbon gas vapor meters in a legal sub-metering installation.

Identification: An identification label is located on the front meter body, below the register. The original meter identification information will be maintained on the device for original approval verification.

Type Number:

Basic Type Number	Gas Capacity or Meter Size	Suffix
CSB (Custom Select Billing)	XXX where the X's represent the gas capacity or size meter	ERT (Encoder Receiver Transmitter) (not tested)

Note: When this component is added to an existing approved vapor meter, Custom Select Billing will assume responsibility of the complete device.

Sealing: Sealing provisions for the ERT module are prescribed by the selected meter's certificate.

Operation: The 40GB Gas ERT module is an interface between the traditional mechanical dial style meter register and a RF-based meter data collection system.

Test Conditions: Two 40GB ERT modules attached to Rockwell vapor meters were submitted. Each meter was tested at four different flows, three times each using a Bell prover at 1.5 inches of water column.

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, 2009 Edition

Tested By: Van Thompson (CA)

