

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

Certificate Number: 5539-07

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

**For:**

Vapor Recovery Nozzle (Balanced)  
Model: VST-EVR- NB or VST-EVR- NBcc

**Submitted by:**

Vapor Systems Technologies, Inc.  
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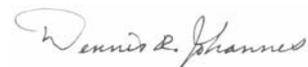
**Standard Features and Options**

- Primary and secondary shut off mechanism

**Model Designation:**

VST	EVR	NB	cc
Vapor Systems Technologies	Enhanced Vapor Recovery	Nozzle Balance	Not metrological

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: October 16, 2007

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Dennis Johannes, Director

**Vapor Systems Technologies, Inc.**  
**Vapor Recovery Nozzle (Balanced)**  
**Model: VST-EVR- NB or VST-EVR- NBcc**

**Application:** For use with approved retail motor fuel dispensers that dispense gasoline and blends of gasoline. In addition, the nozzle shall be used with balance type vapor recovery systems equipped with coaxial vapor recovery hoses.

**Identification:** The manufacturer's name is permanently marked on the side of the nozzle. The serial number is machined into the casting near the back of the trigger. The model number is riveted to the lever guard.

**Sealing:** No sealing is required.

**Test Conditions:** Six VST Model VST-EVR-NB nozzles were submitted for field evaluation at a service station. The emphasis of the evaluation was on compliance of the liquid primary shut-off mechanism (10-click test). Additionally, secondary shut-off and delivery accuracy measurements (150-vehicle test) were conducted at the field test site.

Results of the evaluation indicate the devices comply with applicable requirements.

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

**Tested By:** Dan Reiswig (CA), John Roach (CA)

