



State Water Resources Control Board



Executive Office

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Secretary for
Environmental Protection

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Arnold Schwarzenegger
Governor

January 28, 2008

Mr. Tom Wyper
Beaudreau Electric, Inc.
183 Providence New London Tnpk., West Building
North Stonington, CT 06359

Dear Mr. Wyper:

EVALUATION OF THE BEAUDREAU ELECTRIC, INC. (BEI) PV-ZERO PRESSURE/VACUUM VENT VALVE

Assembly Bill 2955 (Statutes 2004, Chapter 649) added section 25290.1.2(a) to Chapter 6.7 of the Health and Safety Code (H&SC). This section requires the Air Resources Board (ARB) and State Water Resources Control Board (State Water Board) to certify, to the best of their knowledge and using existing resources, that equipment meeting the ARB's Enhanced Vapor Recovery (EVR) requirements also meets underground storage tank (UST) statutory requirements.

On November 15, 2007, we received an information packet from Beaudreau Electric, Inc., (BEI) which provides a detailed explanation of the BEI PV-Zero Pressure/Vacuum (P/V) Vent Valve. The BEI PV-Zero is intended to control vapor emissions from underground storage tanks by closing off the tank vent unless positive pressure exceeds 2.5 to 6.0 inches H₂O or negative pressure exceeds 6.0 to 10.0 inches H₂O. The design, construction, installation, and operation of the BEI PV-Zero has been reviewed by a California Registered Professional Engineer, as indicated in the enclosed signed statement. Based on this signed statement and the information that you provided, we have found no evidence that the BEI PV-Zero conflicts with H&SC Chapter 6.7.

Pursuant to H&SC section 25290.1.2(a) the State Water Board certifies that, to the best of its knowledge, the Beaudreau Electric, Inc. PV-Zero P/V Vent Valve meets the requirements of H&SC Chapter 6.7. This determination assumes the Beaudreau Electric, Inc. PV-Zero P/V Vent Valve is installed in accordance with applicable ARB Executive Orders and manufacturer's instructions.

California Environmental Protection Agency

Mr. Tom Wyper, BEI

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January 28, 2008

If you have questions regarding this letter, please contact Ms. Laura Chaddock at (916) 341-5871, or by email at lochaddock@waterboards.ca.gov.

Sincerely,



Dorothy Rice
Executive Director

Enclosure: Certification Statement for the BEI PV-Zero Vent Valve

cc: Mr. George Lew, Chief
Engineering and Certification Branch
Air Resources Board
1927 Thirteenth Street
Sacramento, CA 95812

Certification Statement for the Beaudreau Electric, Inc. PV-zero Pressure Vent Valve¹

Based on a careful review and analysis, I hereby certify that the PV-zero, which is under consideration for California Air Resources Board (ARB) certification, meets the requirements of Chapter 6.7 of the California Health and Safety Code (the State Water Resources Control Board's underground storage tank requirements, including enhanced leak detection and continuous vacuum, pressure, or hydrostatic monitoring.)² The BEI PV-zero warranty is valid as long as the system is installed, operated, and maintained according to manufacturer's instructions and in a manner that does not exceed the limitations (e.g., tank capacity, fueling points, throughputs, etc.) described below.

Limitations: The PV-zero must be installed 3° within vertical, and have a fill level between 0.87 and 1.75 liters of approved fluid



 Signed by Date
 (California Professional Engineer) 12-5-07



 Signed by Date
 (Company Representative) 12-5-07

THOMPSON W. WYPER
 Printed Name (California Professional Engineer)

THOMPSON W. WYPER
 Printed Name (Company Representative)

 Professional Engineer Company Name

BEAUDREAU ELECTRIC, INC.
 Equipment Manufacturer Name

57 BOULDER AVE
 Mailing Address

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 Mailing Address

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 Email

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¹ This certification statement is part of the guidelines developed by the California Air Resources Board (ARB) and State Water Resources Control Board (State Water Board) to implement provisions of Assembly Bill 2955 (Statutes 2004, Chapter 649: McCarthy).

² This certification is based on the presumption that the <Name of EVR System> is constructed, installed, maintained, and operated in accordance with all applicable requirements of Chapter 6.7 of California Health and Safety Code and Chapter 16 of California Code of Regulations.

