



CALIFORNIA DEPARTMENT OF FORESTRY & FIRE PROTECTION
OFFICE OF THE STATE FIRE MARSHAL
FIRE ENGINEERING DIVISION
VAPOR RECOVERY CERTIFICATION



Page 1 of 1

CARBON CANISTER VAPOR POLISHER

CERTIFICATION NO: GVRC 005:071:001

LISTEE: Veeder Root, 125 Powder Forest Dr., Simsbury, CT 06070
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DESIGN: Model 861290 followed by -002 or -003 Carbon Canister Vapor Polisher. This device is a carbon filter for use with flammable liquid storage tanks and is intended to be connected in parallel with the existing pressure vacuum vent connected to the tank. This device consists of a canister filled with activated charcoal without a catalyst. Upon positive pressure, vapors from the tank pass through the charcoal and are collected via adsorption. During negative pressure conditions within the tank, the hydrocarbons are returned to the tank from the activated charcoal via desorption.

The outlet of the canister is provided with an electrically operated valve powered from an intrinsically safe source. The Vapor Polisher opens or closes the valve to minimize vapor pressure in the tank.

APPLICATION: Model 861290 Carbon Canister Vapor Polisher is intended to be only a secondary pressure management device. Model 861290-002 is intended for installation on a 2 inch vent pipe and Model 861290-003 is intended for installation on a 3 inch vent pipe.

INSTALLATION: To be installed in accordance with manufacturer's instructions, NFPA 30 and NFPA No. 30A and all applicable codes.

MARKING: The manufacturer's name, model, "Intrinsically Safe for Use in Class I, Group D when installed per Manual 577013-920.", "Temp Code T4", The ambient temperature range, $-40^{\circ}\text{C} \leq T_{\text{amb}} \leq +60^{\circ}\text{C}$., "Warning – Substitution of Components May Impair Intrinsic Safety.", "Warning – To Prevent ignition of flammable or combustible atmospheres, disconnect power before servicing." "Only for use as specified in the installation instructions." and UL Listing Mark

CERTIFICATION: Certified for use with Phase I and Phase II EVR systems

This certification is made pursuant to the authority granted to the California State Fire Marshal as contained in Sections 41955 through 41960 inclusive, California Health and Safety Code. The certification is based upon independent tests or other technical data submitted by the applicant. OSFM staff review the test results and/or other data but do not make an independent verification of any claims. This certification is not an endorsement or recommendation for the use of the item(s) specified. This certification should not be used to verify correct operational requirements or installation criteria. Refer to listee's data sheet, installation instructions and/or other suitable information sources.

DATE ISSUED: OCTOBER 16, 2008

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