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10-13-10
Air Resources Board



Mary D. Nichols, Chairman
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Secretary for
Environmental Protection

October 13, 2010

#10-04

Mr. Matt Lauber
OPW Fueling Components
9393 Princeton Glendale Road
Hamilton, Ohio 45011

Dear Mr. Lauber:

Per your phone conversation on October 5, 2010, with my staff, you requested the amendment of Air Resources Board (ARB) Executive Order (EO) VR-401-B; OPW Phase I Enhanced Vapor Recovery (EVR) System For Aboveground Storage Tanks (AST) to include the OPW Model "62M Monitor Probe Cap & Adaptor Kit" (OPW 62M). This kit is used in conjunction with the Veeder Root "Mag Probe" automatic tank gauging system. A photo of the OPW 62M is shown in Figure 1.

The OPW 62M is currently an ARB approved Phase I EVR component designed for use with underground storage tank systems per EO VR-102-K. Since this component has successfully completed a 180-day operational test as specified in CP-201, Certification Procedure for Vapor Recovery Systems at Gasoline Dispensing Facilities, ARB staff concluded that an abbreviated test of this component would be required for approval on the OPW Phase I EVR System for AST. During certification testing, the leak integrity was verified with ARB test procedure TP-206.3, Determination of Static Pressure Performance of Vapor Recovery Systems at Gasoline Dispensing Facilities with Aboveground Storage Tanks, and by applying liquid leak detection solution when the ullage space was pressurized. The OPW 62M demonstrated that it met the zero leak rate requirement specified in CP-206, Certification Procedure for Vapor Recovery Systems at Gasoline Dispensing Facilities Using Aboveground Storage Tank.

Executive Order VR-401-B, was approved by ARB on July 10, 2010. However, due to an oversight by ARB staff, the OPW 62M was inadvertently omitted from the EO Exhibits and ARB Installation, Operation, and Maintenance Manual (IOM).

In order to correct this oversight, the OPW 62M will be added to the next revision of EO VR-401 (Revision C) since it has passed the required tests set forth in CP-206. In the interim, the OPW 62M is hereby approved to be installed with the OPW Phase I EVR System designed for use with AST per EO VR-401-B. Enclosed are installation instructions for the OPW 62M.

If you have questions or need further information, please contact Mr. Sam Vogt at (916) 322-8922 or via email at svogt@arb.ca.gov, or Mr. Lou Dinkler at (916) 324-9487 or via email at ldinkler@arb.ca.gov.

Sincerely,

Alberto Ayala Ph.D., M.S.E.
Chief, Monitoring and Laboratory Division

Enclosure

cc: See next page

The energy challenge facing California is real. Every Californian needs to take immediate action to reduce energy consumption. For a list of simple ways you can reduce demand and cut your energy costs, see our website: <http://www.arb.ca.gov>.

California Environmental Protection Agency

Mr. Matt Lauber
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cc: John Marvin
Bay Area Air Quality Management District

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Glenn County Air Pollution Control District

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John Borchardt
Western Pump

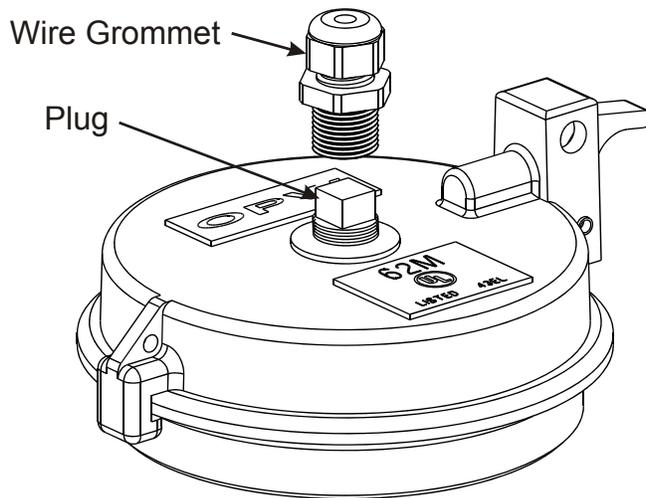
Figure 1: OPW 62M Monitor Probe Cap & Adaptor Kit (OPW 62M)





OPW Installation and Maintenance Instructions

OPW 62M Monitoring Probe Caps



Product Identification:

Manufacture: "OPW"

Model: "62M"

Date Manufactured (Located on underside of cap): "MFG MMY"; MM = Month, YY = Year

Installation and Maintenance:

1. Install the 62M Monitoring Cap onto a FSA-400(-S) Face Seal Adapter. (Optional) Apply pipe dope to nipple.
2. Tighten Monitoring Cap onto the FSA-400(-S) adapter with a strap wrench. Torque to be 90 ft-lbs to 110 ft-lbs.
3. Remove plug and install wire grommet if needed. Apply gasoline resistant pipe dope to threads. (Torque values: 3/8 NPT thread; 20 in-lbs to 40 in-lbs. 1/2 NPT thread; 30 in-lbs to 50 in-lbs)

Annually inspect O-ring and Gasket seal for nicks, tears or deformations. If required replace with OPW Part numbers: O-ring: H13806M, Gasket: H09039M.

Standard Product Warranty

OPW warrants that products sold by it are free from defects in materials and workmanship for a period of one year from the date of manufacture by OPW (ECO products two years from date of manufacture.) Proof of purchase may be required. As the exclusive remedy under this limited warranty, OPW, will at its sole discretion, repair, replace, or issue credit for future orders for any product that may prove defective within the one year date of manufacture period (repairs, replacements, or credits may be subject to prorated warranty for remainder of the original warranty period, complete proper warranty claim documentation required.) This warranty shall not apply to any product that has been altered in any way, which has been repaired by any party other than a service representative authorized by OPW, or when failure is due to misuse, or improper installation or maintenance. OPW shall have no liability whatsoever for special, incidental or consequential damages to any party, and shall have no liability for the cost of labor, freight, excavation, clean up, downtime, removal, reinstallation, loss of profit, or any other cost or charges.

For any product certified to California 2001 standards, OPW warrants that product sold by it are free from defects in material and workmanship for a period of one year from date of manufacture or one year from date of registration of installation not to exceed 15 months from date of manufacture by OPW.

THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, AND SPECIFICALLY THE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THERE ARE NO WARRANTIES, WHICH EXTEND BEYOND THE DESCRIPTION ON THE FACE HEREOF.



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