



**Cal/EPA**

California  
Environmental  
Protection  
Agency



**Air Resources Board**

P.O. Box 2815  
2020 L Street  
Sacramento, CA  
95812-2815  
<http://www.arb.ca.gov>

November 12, 1997



Pete Wilson  
Governor

Secretary for  
Environmental  
Protection

Donald L. Leininger, P.E.  
Technical Liaison Manager  
OPW Fueling Components  
P.O. Box 405003  
Cincinnati, OH 45240

97-14

Dear Mr. Leininger

OPW 633LC Phase I Lock Clamp

You requested California Air Resources Board (CARB) certification of the OPW 633LC Lock Clamp.

The clamps are designed to secure the Phase I adaptors to the riser pipes from the underground storage tanks. These clamps help prevent the loosening of the fill and vapor adaptors due to the installation and removal of the hoses during a bulk delivery. These clamps are to be installed in pairs or such that the torque applied to the adaptor/locking clamp cannot cause the riser pipe to rotate. The upper lock clamp secures the adaptor to the riser pipe and the lower lock clamp secures the riser pipe to the spill box.

As required by the certification Procedures for Gasoline Vapor Recovery Systems at Service Stations, the approvals of the three State agencies is a precondition to certification by the Air Resources Board. The appropriate letters of approval have been obtained from these agencies. I find that the OPW 633LC Lock Clamp when installed in accordance with the manufacturer's instructions, will not adversely affect the performance of vapor recovery systems on which they are installed. Therefore, the OPW 633LC Lock Clamp is certified for use with Phase I type vapor recovery systems.

If you have any questions or wish to discuss this matter further, please call Joe Guerrero at (916) 324-7343 or Laura McKinney at (916) 327-1525.

Sincerely,

**INTERNET VERSION**

James J. Morgester, Chief  
Compliance Division

cc: Mr. Jim Johnston, Chairman,  
CAPCOA Vapor Recovery Committee

Lynn LaBarber  
CARB Compliance Training Section