



December 13, 2011

COMPLIANCE ADVISORY

Healy 900 Nozzle Insertion Interlock

The San Diego Air Pollution Control District (District) has recently found an increase in the number of Healy 900 Nozzles where the insertion interlock has been failing. The insertion interlock is an integral part of a bellows equipped dispensing nozzle, which prohibits the dispensing of fuel unless the bellows has been compressed. Anyone operating a nozzle equipped with a malfunctioning insertion interlock is in violation of District Rules, as well as the State Executive Order certifying the nozzle, and may be subject to enforcement action.

The District recommends gasoline dispensing operators and/or their technicians inspect the nozzles per the following procedures, to better ensure their nozzles are in proper working order. The District suggests performing these inspections during the required monthly flow rate checks, until the California Air Resources Board revises the executive order to include a specified inspection frequency. Any nozzle found to have a malfunctioning insertion interlock should be removed from service immediately.

Suggested Inspection Procedures

- 1) Authorize the dispenser.
- 2) Lift the nozzle from the dispenser.
- 3) Select the grade point.
- 4) Listen for the sound of the vacuum motor to make sure the dispenser is activated.
- 5) Make sure the nozzle bellows is uncompressed—just as you would normally find it resting in the dispenser.
- 6) Tip the nozzle into an appropriate receptacle.
- 7) Pull the trigger.
- 8) If gas dispenses, the nozzle fails and should be removed from service immediately.

You can view a video of the recommended inspection at <http://vimeo.com/24011309>. Additional vapor recovery compliance assistance videos can be viewed via the following link: <http://www.sdapcd.org/SBA/videos.html>. Should you have any questions regarding this matter or any other vapor recovery related concern, please contact Randy Smith of the District at (858) 586-2677.

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