



CALIFORNIA DEPARTMENT OF FORESTRY & FIRE PROTECTION
OFFICE OF THE STATE FIRE MARSHAL
FIRE ENGINEERING - VAPOR RECOVERY PROGRAM



VAPOR RECOVERY CERTIFICATION

GASOLINE VAPOR RECOVERY DISPENSING NOZZLE

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CERTIFICATION No.: GVRC 005:007:025

MANUFACTURER: Emco Wheaton Retail Corporation, 2300 Industrial Park Drive, Wilson, NC 27893
Contact: Jose E. Rodriguez Ph: (619)846-9882 Email: JERodriguezSD@aol.com

DESIGN: Model Numbers A4005 and A4005EVR are automatic closing type hose nozzles with vapor return capabilities intended for use with flammable liquid dispensing devices arranged for vapor recovery.

The nozzles are equipped with automatic features to shut off the flow of liquids when the vehicle's tank is full. The nozzles are also equipped with a leaded or unleaded shear section spout that breaks-a-way if subjected to excessive bending force.

The nozzles are provided with a vapor return passage designed for collection of vapors by means of a tight seal with fuel tank opening and includes an automatic feature to shut off flow of liquid should the pressure inside the tank exceed 1 psi. The nozzle design also prevents liquid dispensing unless the nozzle is properly in tank filler opening.

The nozzles are initially opened by manually squeezing the lever and then may be held open manually or by latching device.

APPLICATION: The A4005 and A4005EVR nozzles are designed and intended for use only with coaxial type vapor recovery hose assemblies, coaxial type related equipment and coaxial type balance vapor recovery systems.

This nozzle valve is approved for use with standard type motor fuels and 15 percent ASTM Fuel-C/85 percent Methanol (C85).

INSTALLATION: To be installed in conformity with the manufacturer's instructions and all applicable codes and/ or ordinances.

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MARKING: The manufacturer's name, model number and UL label shall be stamped on a metal tag which is riveted to the nozzle body. The California State Fire Marshal label shall be affixed to the nozzle body.

A warning regarding the hazard of topping off and quick disconnection shall be silk screened in white on the plastic protective guard. The manufacturer's name shall also be silk screened in white on the plastic protective guard.

CERTIFICATION: Models A4005 and A4005EVR dispensing nozzles, with hold open device, are certified for use with coaxial type balance vapor recovery systems where full service or self service is performed.

Rev 8-10-09 JP

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. CSFM staff has reviewed the test results and/or data but does 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.

Date Issued: **AUGUST 14, 2009**

Authorized By: **JAMES PARSEGIAN**

*Supervising Deputy State Fire Marshal
Vapor Recovery Program*