

New Literature Announcement
from the MSA Instrument Division



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MSA Announces New Bulletin for Passive Shutdown System
Bulk Transport Vehicle and Tank Farm Applications

A new full-color bulletin detailing features and benefits of the MSA Passive Shutdown System is now available. The Passive Shutdown System is designed to meet the passive emergency shut-off control requirements for bulk transport vehicles transporting liquified compressed gas (DOT HM 225A) and bulk tank farms (NFPA 58). The system provides a means to automatically shut off the flow of product without human intervention within 20 seconds of an unintentional release caused by a complete separation of a liquid delivery hose (passive shutdown capability). Designed for use on both cable and air valve systems, the Passive Shutdown System employs a catalytic combustible sensor which, upon hose separation, detects the propane leak and shuts down the discharge valve.

Designed to detect both minor leaks and major unintentional releases of LPG into the air, the MSA Passive Shutdown System is mounted on the vehicle framework under the cargo tank. The system is activated before the driver begins discharging the LPG. If a sufficient amount of gas is released during discharge, the unit goes into alarm mode, triggering immediate valve shutdown. The system provides increased worker safety by monitoring the entire area for potential leak situations. Both UL- and DCE-approved, the system detects for propane, anhydrous ammonia and dimethyl ether and includes a failsafe mode that closes all valves on loss of power and brake engagement.

(more)

The MSA Passive Shutdown System features the industry-leading Ultima® XE Gas Monitor with 1S Combustible Gas Sensor and internal relay card. It is housed in a rugged, stainless steel enclosure and features easy installation and maintenance. With LEDs and text-messaging display, the system is very user-friendly. The MSA Passive Shutdown System is available for cargo tank retrofit or OEM installation and is designed to meet the needs of both mechanical and pneumatic valve stations.

For more information on the **MSA Passive Shutdown System** bulletin, request literature #07-2045, by dialing 1-800-MSA-4678, or contact your nearest MSA sales representative. To learn about MSA and our other high quality products, visit our web site at:

www.MSAgasdetection.com