



**Central States Hose, Inc.**  
the hose and fittings superstore



## **Hose safety information for flammable & combustible liquids**

(especially for petroleum cargo tank loading & unloading)

Loading pumps capable of building up pressures in excess of the safe working pressure of cargo hose or loading arms shall be provided with bypasses, relief valves, or other arrangement to protect the loading facilities against excessive pressure. Relief devices shall be tested at not more than yearly intervals to determine that they function satisfactorily at the pressure at which they are set.



All pressure hoses and couplings shall be inspected at intervals appropriate to the service. The hose and couplings shall be tested with the hose extended and using the "in service maximum operating pressures." Any hose showing material deteriorations, signs of leakage, or weakness in its carcass or at the couplings shall be withdrawn from service and repaired or discarded.

Hose shall be supported so as to avoid kinking and damage from chafing.

A listed manual or automatic-closing type hose nozzle valve shall be provided on dispensers used for the dispensing of Class I liquids.

Where tanks are at an elevation which would produce gravity head on the dispensing unit, the tank outlet shall be equipped with a pressure control valve positioned adjacent to and outside the tank block valve so adjusted that liquid cannot flow by gravity from the tank in case of piping or hose failure.



*All hose carrying acetylene, oxygen, natural or manufactured fuel gas, or any gas or substance which may ignite or enter into combustion or be in any way harmful to employees, shall be inspected at the beginning of each shift. Defective hose shall be removed from service.*

This information has been obtained from the OSHA web site: <http://www.osha.gov>

This is provided as an introduction to the safe use of petroleum & fuel oil hose, it may be subject to change without notice and may not include all current regulations. Central States Hose urges you to contact your safety manager, a safety consultant or OSHA field office to ensure that your operation meets all safety requirements.



**Use of a damaged hose assembly can result in serious personal injury and property damage.**