



ETHYLENE OXIDE PRODUCERS ASSOCIATION

Environment friendly couplings for Ethylene Oxide Transportation Equipment

In its drive to improve the health and environment standards in the ethylene oxide distribution chain, the Ethylene Oxide & Derivatives Sector Group have agreed to recommend the use of dry disconnect couplings for EO distribution transport equipment. The Industry goal is to finalise the transition to dry disconnect couplings by 1st January 2007. The use of these couplings will virtually eliminate all releases of ethylene oxide during the connect / disconnect operations at the loading and unloading stations.

Dry disconnect couplings must comply with the NATO standard (STANAG 3756). In addition, they must be approved for Class 2 liquid / gas service. Rail tank cars, road tank vehicles and portable tanks used for ethylene oxide transportation need to be equipped with 3" couplings for liquid service and 2" couplings for gas service.