

Foam Inerting

MAKING COMPLEX SYSTEMS SAFE FOR HOT WORK AND BREAK OF CONTAINMENT

OVERVIEW

A simple yet effective process that enables hot work to be carried out on hydrocarbon handling systems in complete safety. Particularly suited to vessels that are only rated for atmospheric pressure or have a direct connection to flare rendering where cycle purging is impossible and displacement purging ineffective. Provides a visual aid to purging, and a vapor barrier on systems which would not be able to be purged conventionally.

Nitrogen foam is injected into a process system at a low point and allowed to completely fill the vessel and pipework, rendering the internal atmosphere inert. On completion of hot work operations, the foam structure degenerates into small amounts of water, surfactant and gaseous nitrogen.

APPLICATIONS

- Gas Distribution Systems
- Petrochemical Process Piping
- Oil Refinery Process Piping
- Purging during shut down and maintenance programs

FEATURES

- Bubble formation hold time can be customized to suit application
- Natural foam structure degeneration
- Non-Toxic
- Visual confirmation at all vent paths

BENEFITS

- Suitable for use in any production system
- No need to dry or clean the system after testing
- Will not lead to contamination of pipelines or associated systems

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