

Pump Room Entry Procedures

Poster
018

Formal permission from officer on the watch or Chief Officer is required prior entering pump room

- The pump room must be opened, and the fan turned on at least 20 minutes prior to entry.
- The pump room mechanical ventilation and lighting must be operational at all times during cargo – ballast operations and maintenance tasks.
- Prior to entry, the pump room atmosphere must be tested at its lowest level using portable multi gas meter.

The pump room atmosphere must be verified to have:

- ◆ Oxygen minimum 20.9 % by volume.
- ◆ Hydrocarbons less than 1 % of lower explosive limits (LEL).
- ◆ Carbon monoxide less than 25 PPM
- ◆ H2S less than 0.5 PPM
- ◆ Other toxic gases less than 50 % of OEL as per SDS of the cargo being handled and tested using chemical tubes.
- Personal Gas Meter (PGM) must be worn by personnel entering the pump room.
- During cargo operations, the pump-room atmosphere is to be re-tested periodically. The results of all tests are to be recorded.
- Fixed gas detection system shall be monitored in CCR at all times.
- A radio must be available at all times by at least one of the personnel entering the pump room.
- The duty officer must be notified by radio on each occasion personnel enter the pump room, then every 05 minutes thereafter and immediately after exiting the space.
- Personnel entering the space must be familiar with the visual and audible alarms located in the pump room.

This notice must be displayed at the pump room entrance and in the Cargo Control Room