

Compressor Room Entry Procedures

(Applicable for Gas Tanker Only)

**Poster
018A**

- The ventilation fan must be turned on at least 20 minutes prior to entry in the Compressor Room.
- The ventilation fan must be continually ventilating these spaces at all times while the vessel is engaged in cargo and gas freeing operations.
- Prior to entry of personnel, the atmosphere in this space must be tested at the entrance for:
 - ◆ Hydrocarbon gas - with a combustible gas detector.
 - ◆ Oxygen - with a oxygen meter.
 - ◆ Toxic gases (if applicable for the cargo carried on board) - with Toxic Gas detector tubes or any other suitable kind of detector.
- During cargo operations, the atmosphere in this room is to be re-tested at every change of watch of the duty officer. The results of all tests are to be recorded in a log or record book.
- To be considered safe for entry, the atmosphere in the Compressor Room must be verified to have:
 - ◆ 20.9% Oxygen.
 - ◆ Hydrocarbon Gases no more than 1% of lower explosive limits (LEL).
 - ◆ Toxic gases no greater than the 50% of threshold limit value (TLV).
- A personal atmosphere monitor & alarm must be worn by at all times by personnel entering this room.
- A radio must be worn at all times by at least one of the personnel entering this room.
- The duty officer must be notified by radio on each occasion personnel enter this room and every 15 minutes thereafter.
- This room must be evacuated immediately in case if high HC or low oxygen alarm of personal gas detector sounds any time.

**This notice must be displayed at the entrance of Compressor
Room and in the cargo control room**