



MECAL TECHNICAL NOTE

MTN 14-2

Issued by the *MECAL* Technical Committee

MACHINERY SPACE GAS TIGHTNESS

Reference: All Vessels – Section 14

It is required that machinery space boundaries should be reasonably gas tight in order to retain the fire extinguishing medium for sufficient time to be effective.

This would also require engine ventilation intakes to have a means of closure (also for downflooding prevention). Where the machinery space arrangement makes it impracticable to achieve reasonable gas tightness, it is possible to accept additional fire extinguishing capability in mitigation. This must be considered carefully with respect to the chosen fire extinguishing medium but for an aerosol type extinguishant this would be an additional 50% .