



ARRANGEMENT OF SUBMERSIBLE LOW VOLTAGE BILGE PUMPS WITHOUT MANIFOLD

Application

This equivalent solution applies to the use of a bilge system made up of submersible low voltage bilge pumps on a domestic commercial vessel as permitted by NSCV Section C5A 5.8.

Current Requirement

NSCV Section C5A states:

5.8.2.7 Bilge distribution manifold

The bilge system in vessels of 25 m measured length and over shall be provided with a bilge distribution manifold located in an accessible position. Valves in bilge distribution manifolds shall be of non-return type.

Equivalence

A vessel of 25m or more in measured length fitted with low voltage submersible bilge pumps, without a bilge distribution manifold is an approved equivalent means of complying with the requirements of NSCV section C5A 5.8.2.7 if:

- the submersible pumps are metal bodied, low voltage type, with a reliable power supply;
- the system is arranged such that each compartment has two powered pumps, each with a capacity of 15.0 kL/h.

Note: The bilge system including arrangement, power source, piping and discharges must still comply with all other requirements of NSCV C5A.

¹ This solution is approved by the National Regulator for the purposes of NSCV Part B 1.6.