Certifying Authority MCA Interpretation
No. 003/2025
Issue Date: 22 October 2025
Originator: YDSA
Applicable to: MGN 280

Maritime & Coastguard Agency

Query related to

MGN 280 '5.8.1 A valve or similar fitting attached to the side of the vessel below the waterline, within an engine space or other high fire risk area, should be normally of steel, bronze, copper, or other non-brittle fire resistant material or equivalent.'

Scenario Use of Trudesign Valves in Machinery Spaces

Trudesign seacocks and skin fittings are a made from glass-reinforced nylon composite, and are routinely being installed in the engine spaces. Do they meet the requirements of being a non-brittle fire resistant material or equivalent, as required by the above clause in MGN 280?

Agreed Response

Trudesign valves have been independently fire tested and verified by an external body. The test conditions are an equivalent to the fire test conditions in ISO 7840.

In MGN 280 a material is accepted as fire resistant if it meets ISO 7840 (section 5.8.3).

Therefore, the MCA are content that Trudesign valves are of a non-brittle fire-resistant material and therefore compliant with the requirements for valves and associated piping in MGN 280 Section 5.8.1.

This interpretation relates ONLY to MGN 280 and not to other Codes of Practice.

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