



Maritime &
Coastguard
Agency

Certifying Authority MCA Interpretation

No. 001/2023

Issue Date: 11 July 2023

Originator: MCA

Applicable to: Workboat Code Edition 2,
MGN 280

Query related to the use of Marelon Valves in engine spaces

Scenario

In section 5.8.1 it states “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. “

Question: Would Marelon Valves be considered an equivalent in an engine space?

Agreed Response

Marelon Valves are an engineered composite polymer material and were historically certified against ISO 9093-2., This standard has been withdrawn and has been replaced by ISO 9093:2021 under which the Marelon valves do not hold certification, as such the MCA no longer considers Marelon Valves as an equivalent non-brittle fire-resistant material permitted to be used in an engine space. Existing vessels fitted with Marelon valves with certification under ISO 9093-2 may continue with these in place; however, should look to replace these valves before their next compliance examination. New vessels should note these no longer meet the requirements of section 5.8.1 of MGN 280 and 5.9.1 of Workboat Code Edition 2 (Amendment 1).

Katy Ware
Director of UK Maritime Services &
Permanent Representative of the UK to the IMO



HM Coastguard



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