

The Performance and Testing Criteria of Foam Concentrates

Amended Rules

Rules for the Survey and Construction of Steel Ships Part R

Reason for Amendment

The performance and testing criteria of the foam concentrates for the fixed deck foam systems of chemical tankers was circulated by IMO as “Guidelines for performance and testing criteria and surveys of expansion foam concentrates for fire-extinguishing systems for chemical tankers” (MSC/Circ.799).

Such guidelines indicate that the performance and test criteria of the foam concentrates for chemical tankers are based on the “Guidelines for the performance and testing criteria and surveys of low-expansion foam concentrates for fixed fire-extinguishing systems” (MSC/Circ.582/Corr.1). However, these tests do not corresponded to the properties of alcohol resistant foams for chemical tankers.

Therefore, the development of adequate guidelines was discussed in the IMO Sub-committee on Fire Protection. As a result, new guidelines, adopted as MSC.1/Circ.1312 that MSC/Circ.799 and MSC/Circ.582/Corr.1, were consolidated and new requirements added.

Accordingly, relevant requirements have been amended stating that the foam concentrates for fixed deck foam systems and fixed low expansion foam fire extinguishing systems, etc. are to comply with MSC.1/Circ.1312.

Outline of Amendment

It has been amended that the foam concentrates for fixed deck foam systems and fixed low expansion foam fire extinguishing, etc. are to be comply with the “Revised guidelines for the performance and testing criteria, and surveys of foam concentrates for fixed fire-extinguishing systems” (MSC.1/Circ.1312).