

Amendments of the Guidance to the Rules for Classification of Steel Ships

Pt. 8

(For External opinion inquiry)



2023.2.

Machinery Rule Development Team

- Main Amendments -

(1) Effective date : 1 July 2023 (based on the contract date for construction)

- Reflected of IACS UI SC121 Rev.2
- Reflected of IACS UI SC245 Rev.1

Present	Amendment	Note
<p style="text-align: center;">CHAPTER 8 FIRE FIGHTING</p> <p style="text-align: center;">Section 1 Water Supply System</p> <p>101. Water supply systems</p> <p>1. In application to 101. 4 (1) of the Rules, the following requirements are to be complied with. 【See Rule】</p> <p>(1) Isolating valves are not applicable to the piping from fire pumps located in <u>other</u> spaces other than category A machinery spaces.</p> <p>(2) In cases where suction or discharge piping penetrating machinery spaces are enclosed in a substantial steel casing, or insulated to “A-60” class standards, it is not necessary to insulate distance pieces, sea inlet valves and sea-chests. <u>For this purpose, the discharge piping means piping between the emergency fire pump and the isolating valve.</u></p> <p>(3) The method for insulating pipes to “A-60” class standards is that they are to be covered/protected in a practical manner by insulation material which is approved as a part of “A-60” class divisions in accordance with the FTP Code.</p> <p>(4) Where the sea inlet valve is in the machinery space, the valve should not be a fail-close type. Where the sea inlet valve is in the machinery space and is not a fail-open type, measures should be taken so that the valve can be opened in the event of fire, e.g. control piping, actuating devices and/or electric cables with fire resistant protection equivalent to “A-60” class standards.</p> <p>(5) In cases where main fire pumps are provided in compartments outside machinery spaces and where the emergency fire pump suction or discharge piping penetrates such compartments, the above interpretation is to be applied to the piping.</p> <p>⟨Omitted⟩</p>	<p style="text-align: center;">CHAPTER 8 FIRE FIGHTING</p> <p style="text-align: center;">Section 1 Water Supply System</p> <p>101. Water supply systems</p> <p>1. In application to 101. 4 (1) of the Rules, the following requirements are to be complied with. 【See Rule】</p> <p>(1) <u>Any part of the fire main routed through a category A machinery space, except for short lengths of suction or discharge piping complying with 101. 4 (1) of the Rules, shall be fitted with isolating valves outside of the space. The arrangements of the fire mains shall allow for fire water from the fire pumps or emergency fire pump to reach all hydrants outside of the isolated space.</u> Isolating valves are not applicable to the piping from fire pumps located in <u>other</u> spaces other than category A machinery spaces.</p> <p>(2) In cases where suction or discharge piping penetrating machinery spaces are enclosed in a substantial steel casing, or insulated to “A-60” class standards, it is not necessary to insulate distance pieces, sea inlet valves and sea-chests. <u>For this purpose, the discharge piping means piping between the emergency fire pump and the isolating valve.</u></p> <p>(3) The method for insulating pipes to “A-60” class standards is that they are to be covered/protected in a practical manner by insulation material which is approved as a part of “A-60” class divisions in accordance with the FTP Code.</p> <p>(4) Where the sea inlet valve is in the machinery space, the valve should not be a fail-close type. Where the sea inlet valve is in the machinery space and is not a fail-open type, measures should be taken so that the valve can be opened in the event of fire, e.g. control piping, actuating devices and/or electric cables with fire resistant protection equivalent to “A-60” class standards.</p> <p>(5) In cases where main fire pumps are provided in compartments outside machinery spaces and where the emergency fire pump suction or discharge piping penetrates such compartments, the above interpretation is to be applied to the piping.</p> <p>⟨Omitted⟩</p>	<p>- Added from UI SC121</p> <p>- Deleted by UI SC245</p>