

Response Time of Safety Devices after Incinerator Flame Failure

Object of Amendment

Guidance for the Survey and Construction of Steel Ships Part D

Reason for Amendment

Chapter 9, Part D of the Rules for the Survey and Construction of Steel Ships specifies requirements for incinerators installed on ships. These requirements stipulate that incinerators fitted with automatic fuel or waste oil supply systems are to be provided with a safety device that automatically stops the supply of fuel and waste oil to burners after incinerator flame failure. However, the response time for such safety devices is not explicitly specified.

Chapter 2, Part 8 of the Rules for Marine Pollution Prevention Systems and its related Guidance, which incorporate the MARPOL Convention, on the other hand, specify that incinerators are to be comply with resolution MEPC.244(66), and this resolution requires that safety devices for incinerators must respond within four seconds after flame failure. Therefore, relevant requirements are amended to clarify this requirement in Part D of the Rules for Survey and Construction of Steel Ships.

Outline of Amendment

Clarifies requirements regarding the response time of safety devices for incinerators.

Effective Date and Application

Effective date of this amendment is 1 January 2026.

ID:DD25-12

Amended-Original Requirements Comparison Table (Response Time of Safety Devices after Incinerator Flame Failure)

| Amended | Original | Remarks |
|---|---|--|
| <p align="center">GUIDANCE FOR THE SURVEY AND CONSTRUCTION OF STEEL SHIPS</p> <p align="center">Part D MACHINERY INSTALLATIONS</p> <p align="center">D9 BOILERS, ETC. AND INCINERATORS</p> <p>D9.13 Incinerators</p> <p><u>D9.13.4 Safety Devices and Alarm Devices</u> <u>In 9.13.4-1(2), Part D of the Rules, incinerators subject to 2.4-1(2), Part 8 of the Rules for Marine Pollution Prevention Systems are to be capable of shutting off the fuel and waste oil supply to burners in 4 <i>seconds</i> or less after flame failure.</u></p> | <p align="center">GUIDANCE FOR THE SURVEY AND CONSTRUCTION OF STEEL SHIPS</p> <p align="center">Part D MACHINERY INSTALLATIONS</p> <p align="center">D9 BOILERS, ETC. AND INCINERATORS</p> <p>D9.13 Incinerators</p> <p>(Newly added) (Newly added)</p> | <p>Clarifying the required response time of safety devices upon flame failure for incinerators subject to regulation 16 of MARPOL Annex VI. (Refer to 5.3.2.2 of MEPC.244(66))</p> |
| EFFECTIVE DATE AND APPLICATION | | |
| <p>1. The effective date of the amendments is 1 January 2026.</p> | | |