

Regulations for the ventilation shaft of the generator room during war

Can ventilation louvers be provided for emergency generator rooms?

Specified that ventilation louvers and ventilator closing appliances can be provided for emergency generator rooms.

How do emergency generator rooms work?

1. Emergency generator rooms are provided with ventilation openings for the admission of combustion air to engines and the removal of heat. These openings are usually provided with louvers which can be closed (when fire breaks out in emergency generator rooms). The louvers may be hand-operated or power-operated.

Do emergency generator room ventilators need to be closed?

Unless required by SOLAS, Chapter II-2, Part C, Regulation 9 - Containment of fire or applicable statutory instruments, emergency generator room ventilators need to be fitted with such means of closing, only when the emergency generator room is fitted with a fixed gas fire-fighting system.

Can a generator room ventilation louver be closed/opened?

On the other hand, IACS Unified Requirements have not prohibited such closing appliances from being fitted, and some ships currently in service have emergency generator room ventilation louvers fitted with closing appliances, which may be power-operated (closed/opened).

Specified ventilation louvers and ventilator closing appliances for emergency generator rooms are to be operable from safe positions outside emergency generator rooms even under fire ...

13.5.2 ESD protected machinery spaces shall have ventilation with a capacity of at least 30 air changes per hour. The ventilation system shall ensure a good air circulation in all spaces, and in particular ...

Requirements related to emergency generator room ventilation are stipulated in regulation II-2/9 of SOLAS and IACS Unified Requirement (UR) M75, and these requirements have ...

Operational Reliability: A compliant ventilation system ensures the generator operates efficiently during emergencies. Regulatory Adherence: Compliance reduces the risk of penalties or ...

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The article presents a complete guide which explains generator room ventilation requirements and design principles to help users improve their operational efficiency while meeting ...

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1. EMERGENCY GENERATOR SHALL BE INTERLOCKED WITH D3. WHEN EMERGENCY GENERATOR IS ENERGIZED SHALL OPEN. WHEN EMERGENCY GENERATOR ...

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The emergency power generating building ventilation system (EPGBVS) maintains acceptable ambient conditions and air renewals of the diesel hall, electrical room, and main tank ...

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