

Requirements for container generator sets to enter the room





Overview

What is a containerised generator set?

On a regular basis, containerised generator sets (CGS) are placed on board ships to provide replacement power in case of a damage to one of the ship's generator sets, or additional power, e.g. to provide power to extra deck equipment or reefer containers. There are currently no clear rules and requirements for such time limited installations.

What are the requirements for a generator room?

To meet generator room requirements, consider: Doorway sizing: Doors should be wide enough for generator equipment, tanks, and parts to pass through. The minimum standard is 36 inches. Clearance for maintenance: Ensure that all serviceable parts of the generator have at least 36 inches of clearance in front.

How to install a genset indoors?

When installing a genset indoors, you need to separate the generator room from occupied areas or choose a silent type diesel generator to protect the surrounding areas from noise pollution produced by the unit during operation. The generator room should be clean, dry, well-lit and well-ventilated.

What EQ ipment should a generator room have?

with all of its eq ipment.1. Generator-Set Room:Generator set and its equipment (control panel, fuel tank, exhaust silencer, etc.) are integral together and this integrity should be onsidered at the design-phase.The generator room floor should be liquid-tight to prevent leakage of oil, fuel, or cooling liq



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DNV-CG-0588 Containerised generator sets

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Design Specification for Installation of Generator Sets

Design of the machine room for self-contained emergency and standby diesel generator sets:
1. The machine room should be arranged on the ground floor, basement, or podium roof of the ...

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WHITE PAPER / TEKSAN GENERATOR

Apr 24, 2022 · The generator room should be clean, dry, well-lit, well-ventilated, not too hot and smoke, oil vapour, engine exhaust fumes, etc. should not enter into the room.



Generator Room Design Requirements , Thompson Machinery

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