

Emission standards for container generator sets





Overview

What is a generator emission standard?

These emission standards are designed to simplify the regulatory landscape by establishing a single benchmark for portable and fixed generators, regardless of fuel type, with a power output of up to 800 KW. This streamlined approach ensures clarity and compliance for the generator industry while maintaining strict emission reduction targets.

What are the emission requirements for an emergency generator?

Emergency generator application - No emission requirements need to be maintained in the following situations: Unrestricted operation of emergency power supply Up to 100 hours of non emergency operation The main power source - the generator complies with emission regulations. All major engine manufacturers have released their own emission charts.

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.

Do you need air permitting for standby generator sets?

Air permitting for standby generator sets can vary wildly from site to site and when misunderstood can have a major impact on project success. Although EPA regulations have stabilized and are thought to be well understood, ever-increasing local requirements are changing the criticality of air permitting for engine-driven generator sets.



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DNV-CG-0588 Containerised generator sets

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