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Title: Production process of silent generator container

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What is a silent generator enclosure?

A silent generator operates inside a soundproof container or generator enclosure which muffles the sound that workers, employees, customers and other members of the public hear. What Makes Up a Soundproof Generator Enclosure? Most soundproof containers or silent generators use composite materials in their generator enclosures.

Are portable generators soundproof?

As a result, laws and regulations have been passed to make sure that any portable or emergency power generators produce only an acceptable level of noise. A silent generator operates inside a soundproof container or generator enclosure which muffles the sound that workers, employees, customers and other members of the public hear.

What is a soundproof generator enclosure?

Most soundproof containers or silent generators use composite materials in their generator enclosures. These are typically layers of hard material intended to reflect the sound energy back inside the enclosure, as well as layers of soft, porous and resilient materials which actually absorb that sound energy, converting it into heat.

How do you measure the noise produced by a generator?

The noise that a generator produces can be measured in a linear scale - dB(L) - which weights all frequencies equally, or on an audible scale - dB (A) - which only really takes into account sounds human ears can typically detect, dB (A) is the most useful scale to use for a sound proof container.

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