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## **CODE APPLICATION NOTICE (CAN)**

H&S Code §129851

## **SUBJECT**

Location of Combustion Engines and Gas Turbines (Formerly CAN 2-413A.2.3)

CAN: 2-442.2.3

Effective: 12/08/1994 Revised: 02/03/2021



# **CODE SECTIONS**

Sections 442.2.3, 2702.1 2019 California Building Code

**442.2.3 Location.** Combustion engines and gas turbines used for emergency power shall not be located in a room or area used for any purpose other than equipment and controls related to the generation and distribution of emergency power.

#### **PURPOSE**

This Code Application Notice is necessary to clarify the statement " ... area used for any other purpose." The purpose of the section is to restrict the type and amount of equipment allowed in the area. Specifically, if transfer switches were allowed in the area, a fire/explosion in the area could disable both the emergency and normal sources of power to the essential loads.

### INTERPRETATION

This notice addresses the equipment allowed in rooms where a combustion engine or gas turbines used for emergency power are installed. It is intended to apply to combustion engines or gas turbines located inside buildings or enclosures housing emergency power equipment. These requirements do not apply to such equipment located outside of buildings or enclosures.

Only equipment essential to the operation of the engine/generator may be located in these rooms. This equipment would include, but is not limited to, paralleling gear, generator monitoring equipment, etc. Equipment which shall be specifically excluded from the room would include the automatic transfer switch, normal system distribution equipment and any other equipment not essential for the operation of the engine/generator.

For Additional requirements related to combustion engines and gas turbines, refer to the current California Building Code referenced editions of NFPA 37. Installation and Use of Stationary Combustion Engines and Gas Turbines and NFPA 110, Standard for Emergency and Standby Power Systems.

Original signed	2/03/2021
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