

**4101:1-27-01 Electrical.**

Chapter 27 of the International Building Code, 2021 edition, as incorporated by reference and modified in Section 101.1.1 of this code, is further modified as follows:

**(A) Add new Section 2702.1.1.1 and associated subsections to read as follows:**

**2702.1.1.1 Engine-driven generators.** The installation of liquid- and gas-fueled stationary internal combustion engines and gas turbines used to drive generator assemblies are to meet the requirements of NFPA 37.

**2702.1.1.1.1 Fuel tanks connected to generator assemblies.** *Fuel tanks* piped to and supplying fuel for engine-driven generator assemblies may be engine-mounted, located inside of a *building*, outside of a *building*, or on a roof in accordance with NFPA 37 or NFPA 30 and as modified by Section 1308 of the mechanical code for fuel oil and diesel oil tank installations.

**2702.1.1.1.1.1 Engine-mounted tanks.** *Engine-mounted tanks* located outdoors may be located in accordance with Section 4.1.4 of NFPA 37 and are to be vented in accordance with NFPA 30. *Engine-mounted tanks* are to be provided with adequate clearance to enable filling, maintenance, and testing, are to be safeguarded against public access, and are to be protected from impact.

**2702.1.1.1.1.2 Other fuel tanks.** *Fuel tanks*, other than *engine-mounted tanks*, piped to and supplying the generator engine are to be located, installed, and vented in accordance with the applicable sections of NFPA 37 or located, installed, and vented in accordance with NFPA 30.

**2702.1.1.1.2 Gaseous fuel supply.** Where an internal combustion engine supplied with gaseous fuel powers emergency or standby generators, the fuel gas storage and piping system is to comply with NFPA 37 and the “International Fuel Gas Code”.

**(B) Replace Section 2702.1.3 with the following:**

**2702.1.3 Installation.** *Emergency power systems* and *standby power systems* are to be installed in accordance with this code and NFPA 70. The performance, classification, transfer, testing, and maintenance of emergency and standby power systems are required to comply with either NFPA 110

(liquid- and gas-fueled systems) or NFPA 111 (battery and inertia systems), as applicable.

**(C) Replace Section 2702.2.10 to read as follows:**

**2702.2.10 Hazardous materials.** Emergency or standby power is to be provided in occupancies with hazardous materials in accordance with Section 414.5.2.

Replaces: 4101:1-27-01  
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CERTIFIED ELECTRONICALLY

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Certification

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Date

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