



**GENERATOR  
REQUIREMENTS  
CHECKLIST**

**Handout  
260**

07/19

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**ADOPTED CODES (with City Amendments per Ordinance 2019-12)**

**2017 National Electric Code (NEC)**

**Development & Engineering Department  
Building Development**

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## **GENERATOR REQUIREMENTS CHECKLIST**

- Electrical permits and inspections are required for all generators that are rated 20KW or more.
- Permit must be posted at job site.
- Shall be located a minimum of 20 feet from any structure.
- All installations shall comply with the applicable standards listed below, regardless of size. Generators smaller than 20KW (these are portable generators) will not require ground rods.
- All generators shall be fenced and secured so as not be accessible to the general public.
- A minimum of two-8 foot ground rods shall be installed a minimum of 6 feet apart for generators rated 20KW or more. NOTE: Due to the potential to damage underground utilities, you will be required to contact Arizona Blue Stake at: 602-263-1100 or (800) 782-5348 prior to the installation of any ground rod or begin any excavation.
- Generators or services feeding buildings shall be grounded to the distribution system with a conductor sized as required in NEC 250-122.
- Buildings or other structures served by more than one source of energy shall have those supply systems bonded together.
- A main bonding jumper shall be installed within the generators.