



# TOLEDO FIRE & RESCUE DEPARTMENT



## D-10 Generators and Electrical Equipment

### Maintenance Manual

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### Station Generators

All stations have portable generators to supply emergency power for crucial station equipment such as garage doors and communications equipment. Most stations' generators do not have the capability to power all circuits in a station. A list of the circuits and the equipment supplied with power by the generator shall be created and maintained by station personnel and should be readily available in the station. A copy of this list should be forwarded to the Maintenance Bureau at the creation of the list and any time the list is modified due to changes in the station's electrical system.

### Station Generators - Tool Day Inspection

These generators shall be inspected and run every tool day. The station personnel shall assure that the pig-tail and security chain necessary for connection to the station electrical system are present and undamaged. A 300-3 form shall be filled out and sent to the Maintenance Bureau for this equipment on the first Saturday of the month. If any running issues are encountered, notify the shop immediately. You shall also process an equipment repair form 300-15 through the station dashboard, within the TFRDweb website, under the Maintenance Bureau with a detailed description of the repairs needed. The shop will pick up the generator at the earliest available time and make repairs.

## Station Generators - Quarterly System Test

On the first tool day of the months of January, April, July and October the generator shall be connected, using the pig-tail, to the station electrical box and used to power station equipment to assure proper operation, as if there were a power outage situation. Prior to this test, power sensitive equipment such as computers or electronic equipment should be shut down properly to avoid potential damage.

It should be noted that any time the generator is used outside it must be locked to the eyelet provided near the station electrical hookup by using the security chain.

The on-duty Captain shall assure that all personnel assigned to the station are familiar with the power outage procedure. The 300-3 filled out for the first tool day of these months should indicate that the test occurred and note any problems or circuits that were not properly supplied.

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See Also:

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Permanent link:

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