

Public Safety

19.01.02

Installation of standby power systems >

The demand for portable generating sets and requests for the installation of standby power systems increases during periods of power outage. This information bulletin provides information about risks associated with the installation of standby power systems.

Standby power systems when installed correctly can be a useful asset especially during the wet season. However, if installed incorrectly, they can be deadly!

There are a number of requirements you the homeowner and your electrical contractor will need to meet if you intend to install a standby power system on your property:

- > All electrical work completed in the Northern Territory must be undertaken by a licensed electrical contractor.
- > All standby power systems which are intended to be connected to an installation supplied by Power and Water Corporation must comply with the Power and Water Corporation Installation Rules, specifically Clause 5.37.
- > Your electrical contractor must issue a **Notice of Intention to Work** to Power and Water with a sketch of the proposed wiring arrangement. Approval of the proposed wiring arrangement must be obtained in writing from Power and Water prior to the connection of the new standby power system.
- > Work on standby power systems must be carried out to comply with AS/NZS 3000:2007 Wiring Rules Clause 7.3.8 and AS/NZS 3010:2005 Electrical Installations – Generating Sets. [Australian Standards](#) are available from the Territory Construction Association, phone 8922 9666. Australian Standards can be viewed online by visiting the Northern Territory Library, Parliament House, phone 8999 7177.
- > Upon completion of the electrical work your electrical contractor must complete and issue a **Certificate of Compliance**, this certifies that the electrical work has been inspected and tested and proven to comply with NT Legislation, Power and Water Rules and Australian Standards.

For further information please contact:

NT WorkSafe

[Electrical Safety](#) 1800 019 115 / 8999 5081
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PowerWater Corporation

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