

MEDIA RELEASE



8 May 2017

Enhancements to Electrical Installations Standard for Generating Sets

AS/NZS 3010:2017, *Electrical installations—Generating sets*, is an important document for the electrical industry. This standard was published today with updates to replace the 2005 version.

The standard sets out requirements for connecting generating sets to an electrical installation for the purpose of supplying electricity at low voltage (not exceeding 1000 V a.c. or 1500 V d.c.).

Mr Gary Busbridge, Chair of the relevant technical committee EL-001, Wiring Rules emphasised the impact of this revision.

“The increasing number of extreme storms and power outages throughout Australia is evidence that the current electrical market needs change.

“On most occasions it is a necessity to hook backup generators to installations to connect everyone back to the power grid.

“For this reason the new edition of AS/NZS 3010 will be greatly welcomed by the electrical industry and all Australian residents,” said Mr Busbridge.

AS/NZS 3010 applies to electricity generating sets that are driven by internal combustion engines and form any of the following:

- Normal supply source for electrical installations
- Alternative supply source for electrical installations
- Electrical supply source for the connection of electrical appliances and portable tools

The 2017 edition expands on the requirements for the typical connection arrangements for generators. This includes the addition of many drawings in colour to assist with identifying the conductors.

A new section was also added to address the connection of plug-in generators either for portable electrical equipment or for connection to an electrical installation as an alternative or normal supply.

ENDS.

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