



## Network Standard Advice

**No. 1621** 28/07/2011

Doc. Ref. NS224

**TO: Customers, Service Providers and Ausgrid Staff.**

# **Amendments to Ausgrid's Network Standard NS 224 Low Voltage (240/415V) Suburban Commercial & Industrial Underground Distribution Utilising Pillars, August 2010.**

## **Introduction**

This Network Standard Advice (NSA) amends Network Standard NS 224 Low Voltage (240/415V) Suburban Commercial & Industrial Underground Distribution Utilising Pillars, August 2010.

A Summary of amendments follows with details provided below:

- Clause 3: new definition for Electricity Distributor.
- Clause 8.5: service terminal blocks are suitable for cable sizes from 16mm<sup>2</sup> to 70mm<sup>2</sup>.
- Clause 8.6: special small services are typically rated up to a maximum of 10 Amps.
- Clause 10.2: the neutral bar cover has changed colour from red to blue.
- Clause 12.2.2: cable sizes for 100A and 200A services have altered to align with the Service and Installation Rules of New South Wales.
- Clause 12.2.4: cables specified for special small services are single core.
- Clause 20.7: conduit stubs to extend 50mm above the sand/cement mix.
- New Clause 27.2 has been added.
- Minor editorial changes.

Note: Current network standards, with NSAs on Ausgrid's internet site at [www.ausgrid.com.au](http://www.ausgrid.com.au).

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## **1 INTRODUCTION**

Last sentence of third para "Ausgrid's Customer Service centres" replaced with "Ausgrid's Customer Operation Regional offices".

## **3 DEFINITIONS**

Accredited Service Provider: "Ministry of Energy & Utilities (MoEU)." replaced with "Department of Trade and Investment, Regional Infrastructure and Services (DTIRIS)."

Electricity Distributor: New text: "In NSW an Electricity Distributor is the licensed operator and controller of an electricity network (distribution and transmission) system. Terms such as Local Network Service Provider (LNSP) and Distribution Network Service Provider (DNSP) are also used to describe Ausgrid's role as an Electricity Distributor."

#### 4 REFERENCES

Corrected titles for:

- AS 2865 – Confined spaces
- Service and Installation Rules of New South Wales

**Clause 5.4:** 2nd para last sentence replaced 'electricity supply authorities' with 'Electricity Distributors'.

**Clause 5.5:** Corrected title: 'AS 2865 – Confined spaces'.

**Clause 7.5.2:** 3rd para deleted.

**Clause 8.5:** 2nd para '50mm<sup>2</sup>' replaced with '70mm<sup>2</sup>'.

**Clause 8.6:** 'typically' added and '100Amps' replaced with '10 Amps'.

**Clauses 9.3.1, 9.4.1, 9.5.1 & 9.6.1:** Single line circuit diagram replaced. (Note 1 amended to show that the cable range that can now be terminated in the service terminal blocks is 16mm<sup>2</sup> to 70mm<sup>2</sup>).

**Clause 10.2:** 2nd para last sentence 'blue' insulating mat changes to 'red' and photo replaced.

**Clause 12.2.2:** 1st sentence 'except for builders' services' added.

1st bullet: 'or 25mm<sup>2</sup>' added.

2nd bullet: 50mm<sup>2</sup> replaced with '16mm<sup>2</sup> to 70mm<sup>2</sup>'.

2nd para 1st sentence 'the stockcode numbers of' added.

**Clause 12.2.4:** Bullet: 'twin' replaced with 'single core'.

**Clause 20.5:** Ref to Service and Installation Rules of New South Wales corrected.

**Clause 20.7:** New sentence added to end of para.

**Clause 24.1.5:** 2nd para: "grubs" replaced with "grub".

**Clause 27.2:** new Clause 27.2 'Asset Numbering – Interior of Cabinet' inserted and following clauses re-numbered.

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