



Technical Bulletin

TB 0285 – LV 4C 240mm² underground cable insulation thickness

Purpose

This technical bulletin is to change the requirements for the insulation thickness of the LV 4C 240mm² underground cable (Stock code SZ15308).

Background

The current *NNSW specification for Low Voltage polymeric Insulated underground cables*, specifies the nominal and minimum insulation thickness requirement of Endeavour Energy LV cables. The requirements for insulation thickness of the LV 4C 240mm² underground cable are greater than the Australian standard AS/NZS 3808:2000.

New Requirement

Endeavour Energy's new requirement for the LV 4C 240mm² underground cable will now align with the Australian standards as shown below in table 1.

Table 1 - Insulation thickness requirements

Stock Code SZ15308	Old Requirement	New Requirement
Nominal insulation thickness	2.0 mm	1.7 mm
Minimum insulation thickness	1.7 mm	1.43 mm

Implementation

To allow for the depletion of stock, cables manufactured to the old requirements remain valid for use in the network, however cables manufactured and approved to the new requirements can be used from the issue date of this technical bulletin.

Impacted Standards/Specifications

The contents of this technical bulletin will be included in the next update of:

- NNSW - Low Voltage polymeric Insulated underground cables (Clause 5.2.2, Table 3).