

WC80 : Customer Cabling Installation and Cabling Products

Terms of Reference



The **WC80 : Customer Cabling Installation and Cabling Products** Working Committee has been established to perform an area of work identified by the Customer Equipment and Cable Reference Panel (CECRP). This Committee in carrying out the specific terms below is to observe the following guidelines, as appropriate:

- to ensure that all existing and new mandatory requirements are consistent with ACMA's power to make technical standards under s376 of the *Telecommunications Act 1997* and that their inclusion is appropriate when considering those powers.
- to adopt international/overseas Standards and Australian Standards (AS and AS/NZS) wherever possible, recognising the changeability, applicability and testability of those Standards.
- to only develop mandatory requirements where no international/overseas Standards or Australian Standards (AS and AS/NZS) exist or where national deviations to international/overseas Standards and Australian Standards are required.
- to review the references to AS/CA Standards and other industry and regulatory Standards and documents.
- to follow the Guidelines for developing Standards for Customer Equipment and Customer Cabling.

Specifically, the Working Committee is to manage two projects:

1. The revision of the AS/CA S008:2010 **Requirements for customer cabling products** Standard.
2. The revision of the AS/CA S009:2013 **Installation requirements for customer cabling (Wiring rules)** Standard.

The revision is to address the comments in the *AS/CA S008 and AS/CA S009 revision - Log of comments* document and supporting documents. The issues to be addressed in the Standards revision project are:

- considering a new 'fit for purpose' requirement in AS/CA S008 to specify the suitability of cabling products.
- updating the optical safety labelling requirements.
- updating the material requirements to align with AS 1049.1.
- amending the definition of *Cabling product*.
- amending the requirements for *underground conduit markings*.
- consideration of requirements for optical fibre cords.
- consideration of the requirements of telecommunications cabling carrying remote power.

- a review of fire rating of cable to support the installation of cables within a fire zone within different building types, as specified in the *National Construction Code (NCC)*.
- consideration of requirements for travelling cables used in lifts.
- amending the compatibility requirements for 6-position modular plugs and 8-position 8-contact modular sockets.
- consideration of the requirements for fusion splicing in intrinsically safe areas.
- review of the safe and sound practice requirements.
- review of the requirements for cabling between buildings.
- review the requirements for equipotential bonding with respect to ISO/IEC 30129.
- amend the 6P socket contact/pair assignments and cable colour codes.
- consideration of new requirements for pits.

Primary deliverables

- a revised version of the AS/CA S008:2010 **Requirements for customer cabling products** Standard
- a revised version of the AS/CA S009:2013 **Installation requirements for customer cabling (Wiring rules)** Standard

Supporting deliverables

- documented responses to comments received during the public consultation process.
- a recommendation on the application date and transitional period of the Standard.