



Technical Bulletin

TB 238 – Ground clearances for communication cables

Purpose

To provide the ground clearance requirements for communication service cables, such as service drop sheath (SDS) cables.

Background

SDS communication cables are used to connect from the main communication cable, attached on Endeavour Energy poles, to the connection point on houses.

Due to an increase in the number of SDS communication cables being installed on Endeavour Energy poles, the suitability of the existing ground clearance requirements in MCI 0002.am8 – Attachment of communication cables to Endeavour Energy Poles, was assessed. The outcome of this assessment found that the ground clearance can be reduced by 500mm for SDS communication cables installed across road carriage ways (excluding freeways, highways and routes for over-dimensional vehicles).

Actions

The table in Section 5.4.1 *Ground Clearances for communication cables* shall be replaced with the table below. The changes have been highlighted grey.

Type of crossing	Minimum clearances (m)	
	Communication cables	Customer service drops (SDS)
Over any part of a freeway, highway or route for over-dimensional vehicles	6.0	
Any part of a road carriageway and land where vehicular traffic may traverse	5.5	5.0
Commercial driveways	5.0	
Residential driveways	4.6	
Land which is not normally traversed by vehicular traffic	4.5	
Waterways, railways and other utilities crossings.	Refer MDI 0031	

Impacted Standards

The contents of this technical bulletin will be included in the next update of MCI 0002.am8 – Attachment of communication cables to Endeavour Energy Poles.