

ROAD CONES AND OTHER DELINEATION DEVICES – NEW SPECIFICATIONS

BACKGROUND

Changes have been made to the Code of Practice for Temporary Traffic Management (CoPTTM) issued by Waka Kotahi, New Zealand Transport Agency (NZTA).

Manufacturers of road cones, tubular delineators and barrels (herein referred to as ‘devices’) **need to be familiar with the CoPTTM and recent changes to ensure future legal compliance.**

The latest version of the CoPTTM (Fourth edition, November 2018) can be downloaded from the NZTA website. In addition, Technical Notes, June 2019 and July 2020 were produced to harmonise with AS/NZS 1906.1:2017.



APPLICATION

The 2020 Technical Note became effective from 1 July 2021.

All delineation devices (cones, tubular delineators, and barrels) must meet certain requirements relating to their:

- **Colour** – devices must be fluorescent orange and comply with the chromaticity coordinates and luminance specified within Table 2.6 and 2.9 of AS/NZS 1906.1: 2017 (formerly Tables 2.5 and 2.8 of AS/NZS 1906.1:2007)
- **Retro-reflectivity** – minimum photometric performance according to Class 300 Table 2.4 of AS/NZS 1906.1 :2017 (formerly class 1 Table 2.2 AS/NZS 1906.1:2007) and width/positioning of bands
- **Dimensions** – height, mass, design, width, and use are specified for each type

Furthermore, the latest CoPTTM specifies:



- The required internal colour of any device (to ensure visibility in the event of them being knocked over)
- A colour tolerance if the underside of a device is manufactured with more than 30% recycled cone material
- The width and positioning of retro-reflective bands that must be applied to devices
- The dimensions, mass, colour and retro-reflectivity of cone bars that are used to connect cones to provide a channel for pedestrians
- Restrictions in the application of company logos on devices
- A new special purpose barrel that was introduced in the July 2020 Technical Note



Note: All cones, barrels and tubular delineators must be embossed or permanently marked to confirm compliance with the CoPTTM. A certificate of compliance for devices remain valid for 3 years. All devices manufactured and sold must be compliant to this new edition of the CoPTTM.

COMPLIANCE TESTING

Manufacturers must demonstrate compliance to the latest version of the CoPTTM through a certificate of compliance from an independent testing laboratory. NZWTA Ltd is recognised as New Zealand's leading source of testing services and advice on compliance to the CoPTTM. Products for testing can be sent to the NZWTA Ltd laboratory in Napier.

For more information, contact NZWTA on +64 6 835 1086 or email: textiles@nzwta.co.nz