

Part 8 of the Traffic Control Devices Manual (TCD Manual)

## Code of Practice for Temporary Traffic Management (CoPTTM)

(CoPTTM) - (SP/M/010)

### Fourth Edition – Technical Note: Revised requirements for delineation devices

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<b>Circulation</b>	Regional Operations Managers, holders of the Code of Practice for Temporary Traffic Management and NZTA website. Please forward to your consultants and contractors
<b>Objective</b>	To update the November 2018 version of the Fourth Edition of the CoPTTM to recognise the new AS/NZS 1906.1:2017 and the relevant table number changes.
<b>Effective date</b>	<b>24 June 2019</b>
<b>Status</b>	This document is a guideline for use by the roading industry, road controlling authorities, network utility operators and event holders.
<b>Implications</b>	Includes revisions to the manufacturers specifications for delineation devices to harmonise with AS/NZS 1906.1:2017
<b>Reminder for all holders</b>	It is important to keep holders of our documents up to date. Holders can update by copying the relevant sections from the NZTA website: <a href="http://www.nzta.govt.nz/copttm">www.nzta.govt.nz/copttm</a>
<b>Additional copies</b>	These may be downloaded from NZTA's website, free of charge or purchased direct from our distributor either via the website, or directly to NZ Print, PO Box 2491, Wellington, 6140.

<b>Key to changes</b>	Additional text	Highlighted in yellow
	Deleted text	<del>Red strike through</del>
	Comments about the change	<i>Italic text</i>

Reference in 4 <sup>th</sup> Edition	Current CoPTTM November 2018	Change in CoPTTM November 2018	Comment
<p><b>B2.2 Colour</b></p>	<p>All delineation devices (eg cones, tubular delineators and barrels) must be fluorescent orange with:</p> <p>a. chromaticity coordinates in accordance with table 2.5 of AS/NZS 1906.1:2007,</p> <p>b. minimum luminance factor in accordance with table 2.8 of AS/NZS 1906.1:2007.</p> <p>In addition, the internal colour and the underside of the base of cones, tubular delineators and barrels must be either white or orange to ensure the device remains visible if knocked over. Orange must be compliant to a. above but need not be fluorescent per b. above.</p>	<p>All delineation devices (eg cones, tubular delineators and barrels) must be fluorescent orange with:</p> <p>a. chromaticity coordinates in accordance with table <del>2.5 of AS/NZS 1906.1:2007</del>, 2.6 of AS/NZS 1906.1:2017</p> <p>b. minimum luminance factor in accordance with table <del>2.8 of AS/NZS 1906.1:2007</del>. 2.9 of AS/NZS 1906.1:2017</p> <p>In addition, the internal colour and the underside of the base of cones, tubular delineators and barrels must be either white or orange to ensure the device remains visible if knocked over. Orange must be compliant to a. above but need not be fluorescent per b. above.</p>	<p><i>In order to update reference to the revised AS/NZS 1906.1 Standard and harmonise Table numbers with the 2017 Standard.</i></p> <p><i>Only specification change is the fractional reduction to the minimum luminance values for fluorescent orange material from 0.025 to 0.020.</i></p>
<p><b>B2.3 Retro-reflectivity</b></p>	<p>Delineation devices must have white or silver retro-reflective bands that:</p> <ul style="list-style-type: none"> <li>Meet a minimum of the photometric performance requirements for Class 1 material in table 2.2 of AS/NZS 1906.1:2007,</li> <li>Conform to the band width and positioning on the device as noted below, and</li> <li>Be affixed securely to the device with an adhesive that is appropriate for use with such material.</li> </ul> <p>The certificate of compliance for retro-reflective material must be no older than 36 months</p>	<p>Delineation devices must have white or silver retro-reflective bands that:</p> <ul style="list-style-type: none"> <li>Meet a minimum of the photometric performance requirements for <del>Class 1</del> Class 300 material in table <del>2.2 of AS/NZS 1906.1:2007</del>, 2.4 of AS/NZS 1906.1:2017</li> <li>Conform to the band width and positioning on the device as noted below, and</li> <li>Be affixed securely to the device with an adhesive that is appropriate for use with such material.</li> </ul> <p>The certificate of compliance for retro-reflective material must be no older than 36 months.</p>	<p><i>In order to update reference to the revised AS/NZS 1906.1 Standard and harmonise Table numbers with the 2017 Standard.</i></p>

Reference in 4 <sup>th</sup> Edition	Current CoPTTM November 2018		Change in CoPTTM November 2018		Comment
<p><b>B2.4.1.1</b> <b>Cones bars</b></p>	<p>Materials</p>	<p>Rigid plastic</p>	<p>Materials</p>	<p>Rigid plastic</p>	<p><i>In order to update reference to the revised AS/NZS 1906.1 Standard and harmonise Table numbers with the 2017 Standard.</i></p>
<p>Colour/retro-reflectivity</p>	<p>Alternating black and orange or black, and yellow stripes. Minimum length 150mm. Maximum length 300mm.  Orange or yellow must be Class 2 Engineer Grade retro-reflective sheeting complying with AS/NZS 1906.1:2007 Table 2.4</p>	<p>Colour/retro-reflectivity</p>	<p>Alternating black and orange or black, and yellow stripes. Minimum length 150mm. Maximum length 300mm.  Orange or yellow must be <del>Class-2</del> <b>Class 100</b> Engineer Grade retro-reflective sheeting complying with <del>AS/NZS 1906.1:2007 Table 2.4</del> <b>AS/NZS 1906.1:2017 Table 2.5</b></p>		