

Bulletin 47: 20 June 2016

Safety fence changes in CoPTTM and use of Cone Bars

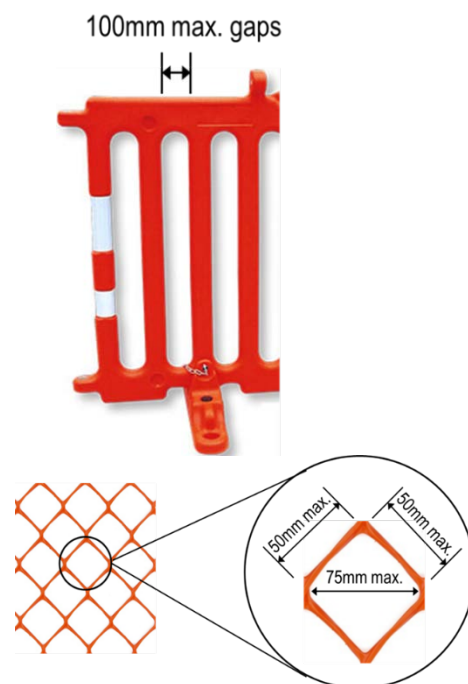
CTOC wishes to remind Contractors that from 1 July 2016 the requirements for Safety fence infill is changing as per B6.1.2.2 of CoPTTM.

We also wish to rectify issues observed with current Safety fences being deployed and a current industry practice of using pedestrian bars in an unacceptable way.

1. Safety fence Change

B6.1.2.2 Child proof in-fill

Where vertical members are used they must be no greater than 100mm apart.



Where netting mesh is used, the diagonal gap in the mesh must be no greater than 75mm, which is achieved by a 50mm x 50mm mesh as shown.

Effective date for this change is 1 July 2016.

2. Current usage of Safety fences

CTOC have observed non-compliant Safety fences currently being deployed on worksites within Christchurch. We wish to remind contractors of the equipment specifications and the reasons why Safety fences are required.

These requirements are not new and have not changed, since at least November 2004, from the 3rd edition of CoPTTM.

3. Safety fence specification as per CoPTTM B6 Safety fences:

B6.1.1 General

Safety fences are required to prevent people from gaining access into a hazardous area. This is particularly important at unattended worksites.



B6.1.2 Design

B6.1.2.1 Safety fence requirements

Safety fences must:

- have a secure supportive top and bottom rail
- have the top rail located a minimum of 1m above ground level
- have the bottom rail located a maximum of 100mm above ground level
- be continuous around the hazard
- be clipped or joined together, if in sections, to form a continuous fence surrounding the hazard
- have top and bottom rails that terminate with a vertical post
- have a child proof in-fill or solid panels that are difficult to climb and are fluorescent orange or alternating white, and fluorescent orange in colour
- remain upright and stable under all expected worksite conditions
- be free of sharp objects.

4. Cone Bar Usage

CTOC reminds contractors that the use of Cone bars as a Safety fence, or in place of a Safety fence, on an unattended site is not acceptable.

CoPTTM B2.4.1.1 Cone Bars

Cone bars may be used to provide a channel for pedestrians on worksites where workers are in attendance.

These must not be used to replace a safety fence and may not be left unattended when a worksite closes.



On behalf of the CTOC Temporary Traffic Management Team

Simon Hodges / Temporary Traffic Management Coordinator

Christchurch Transport Operations Centre (CTOC)

A partnership of CCC, NZTA and Ecan

M: +64 27 497 0125 / DDI: +64 3 941 6232

E: simon.hodges@tfc.govt.nz / w: www.tfc.govt.nz