



Canadian Standards Association
Mississauga, Ontario
To the Part I Committee

Subject No. 3145

Chair: M.D. Gardener

Date: April 5, 2004

Title: Use of End Fittings, Rule 12-2200(6)

Submitted by: Electrical Technical Council (*Contact: René Leduc – Tel: (780) 415-0481, E-mail: rene.leduc@gov.ab.ca* on September 26, 2003.

Proposal: Delete Subrule (6) of Rule 12-2200

Reasons for Request:

We can find no apparent safety value in requiring “end-fittings” at the dead-end of a cable tray system. Apparently, end fittings for wire mesh tray is not available. Since there is no reference to “end fittings” in C22.2 No. 126.1 Metal Cable Tray Systems or in C22.2 No. 126.2 Nonmetallic Cable Tray Systems, to what standard are end fittings required to be manufactured to? In addition, certification testing of cable trays to meet strength requirements does not require installation or submission of end fittings.

Supporting Information:

- C22.2 No. 126.1 Metal Cable Tray Systems
- C22.2 No. 126.2 Nonmetallic Cable Tray Systems

Chair’s Comments: I agree with the proposal.

Subcommittee Deliberation: There were nine respondents to the submission with eight members agreeing with the submission and one member who disagreed.

The member who disagreed suggested that some types of cable trays would require end fittings. These systems would include totally enclosed ventilated and non-ventilated cable trays.

As pointed out in the submission there are cable trays (mesh type) that end fittings are not available. However, Rule 12-2200(6) would require the use of end fittings making it difficult to use some types of cable trays.

After some discussion, it was felt that this rule may not be necessary since other rules in the Code could be used to enforce the use of end fittings i.e. if a cable tray is required to be installed has a complete system this would include the use of end fittings.

Subcommittee Recommendation: There is consensus with the proposal to delete Rule 12-2200(6).