



Canadian Standards Association
Mississauga, Ontario
To the Part I Committee

Subject No. 3084

Chair: M.D. Gardener

Date: February 26, 2003

Title: Wireways in Corrosive Locations, Rule 12-2100(2)(b)

Submitted by: David Kendall of Carlon, 25701 Science Park Drive, Cleveland, Ohio, 44122, (216) 766-6645 on September 5, 2002.

Proposal: Amend Rule 12-2100(2)(b) to read as follows:

(b) Where subject to corrosive vapours, unless approved for the application;

Reasons for Request: This is a companion proposal to Section 22-202(3). Nonmetallic wireway is an acceptable wiring method when exposed to corrosive liquids or vapours. Section 378.10(2) of the 2002 National Electrical Code permits nonmetallic wireway in corrosive environments.

Chair's Comments: I believe the submitter has a point, that the restriction should not apply to nonmetallic wireways and fittings.

The wording of the original proposal regarding the need for the wireways to be 'approved for the application' would not seem to be correct. The need is for the Code to recognize the use of non-metallic wireways in a location subject to corrosive vapours. I have, therefore, altered the proposal, with the agreement of the submitter.

Add a new Subrule 12-2100 (4) as follows:

(4) Notwithstanding Paragraph (2)(b) nonmetallic wireways and fittings shall be permitted in locations subject to corrosive vapours.

Subcommittee Deliberations:

The vice-chair's comments were:

I believe the submitter has a point, that the restriction should not apply to nonmetallic wireways and fittings.

The wording of the original proposal regarding the need for the wireways to be 'approved for the application' would not seem to be correct. The need is for the code to recognize the use of non-metallic wireways in a location subject to corrosive vapours. I have, therefore, altered the proposal, with the agreement of the submitter.

Add a new Subrule 12-2100 (4) as follows:

(4) Notwithstanding Paragraph (2)(b) nonmetallic wireways and fittings shall be permitted in locations subject to corrosive vapours.

There were 7 respondents, all agreeing with the Chair's proposal. Two had comments. One – concerned the need for the product to be certified for the application, the other expressing the need for the subject to be addressed by Section 22.

Subcommittee Recommendation: Add a new Subrule 12-2100 (4) as follows:

(4) Notwithstanding Paragraph (2)(b) nonmetallic wireways and fittings shall be permitted in locations subject to corrosive vapours.