



Canadian Standards Association
Mississauga, Ontario
To the Part I Committee

Subject No. 3058

Chair: F.L. Kaempffer

Date: April 5, 2004

Title: Warning Notices, Rule 36-006(1)(e)

Submitted by: Mike Anderson of Manitoba Inspectors Advisory Coordinating Committee, 31-30 Fort Street, Winnipeg, Manitoba, Tel: (204) 986-5258, Fax: (204) 986-7307 on March 19, 2002.

Proposal: Add a Paragraph to Subrule 36-006(1) to read as follows:

- (e) On a station fence; and
 - (i) Located on all gates; and
 - (ii) Installed at intervals not exceeding 15 meters of horizontal distance; and
 - (iii) Visible on all sides; and
 - (iv) Mounted at 1.5 M from finished grades.

Reasons for Request: There is no requirement for signage on a station fence.

Supporting Information: There are several installations of customer owned high voltage sub-stations. There are no existing rules covering the requirements for high voltage signage on a station fence.

Chair's Comments: I agree with the intent of the submission. Drawing on my electric utility experience, I wish to point out that mounting the sign on a gate is not helpful when the gate is in the open position; "visible on all sides" is best addressed by ensuring signs at all outside corners; and the suggested mounting height above ground is too prescriptive and is adequately covered by "conspicuous position" under Rule 36-006 (1).

I suggest, therefore, the following amendment to the original proposal:

- (e) On a station fence and:
 - (i) Located adjacent to all access gates;
 - (ii) Installed at all outside corners formed by the fence perimeter; and
 - (iii) Installed at intervals not exceeding 15 meters of horizontal distance.

Chair's Comments (2nd Round): Eight sub-committee members responded. Six agreed with the Chair's suggestion, one of with comments. The comment was that "access" in front of "gates" is redundant. Two members agreed with the original submission, one with comments. The comment was that it would be interesting to know the comments from the submitter on the Chair's

suggestion. It was also pointed from experience that most of the time the gates are closed. When someone tries to get inside, he will try the gate first. The Chair subsequently contacted the submitter, who agreed with the concepts suggested by the Chair. In order to address concerns and reach consensus, the Chair offers the following additional comments on safety. Gates come in different sizes, some for foot traffic only and some for large vehicles to bring heavy equipment in and out. Gates are normally required to be closed immediately after entry unless a safety attendant is present at the gate. The latter would be the case when a lot of in and out construction activity is going on. The key to this is having a warning notice at the location where the gate is latched and locked. This is where a person would go to open the gate. For a small gate intended for foot traffic only, a sign on the gate and next to the gate lock may be appropriate. For a large gate, where a sign on the gate may not be as visible when the gate is open, a sign off the gate but adjacent to the lock may be more appropriate. Therefore, the Chair suggests the following revision to the first round suggestion. Changes are underlined.

Subcommittee members are asked to comment on this suggestion.

(e) On a station fence and:

- (i) Located immediately adjacent to the locks on all access gates;**
- (ii) Installed at all outside corners formed by the fence perimeter; and**
- (iii) Installed at intervals not exceeding 15 meters of horizontal distance.**

Add Appendix B note for Rule 36-006(1): For small access gates intended for foot traffic, warning notices should typically be mounted on the gate. For large vehicle access gates, that may remain open for periods of time during construction work, consideration should be given to mounting the warning notice on the station fence adjacent to the gate lock for improved visibility under all situations.

Subcommittee Deliberations (2nd Round): Six sub-committee members responded. Five members agreed with the Chair's suggestion. One member disagreed saying that the original submission was clear. In addition he asks if adjacent to the lock means down at 3 feet above finished grade?; does outside corner mean wrapping the sign around the post? and points out that 36-006 (1) says "conspicuous" position not "specific" location.

As suggested in the first round, the Chair contacted the submitter who agreed with the 1st round suggestion from the Chair as still meeting his concerns.

In response to the disagreeing member's comments, the Chair submits that:

- 1) the original submission is now off the table;
- 2) the comments on suggesting a specified dimension of proximity to the lock and on "specific" location are non-germain because "conspicuous position" in the rule applies to the proposed clause (e) and implies that some latitude must be given to "adjacent to" and;
- 3) common sense says the sign is not wrapped around the corner, rather separate signs are placed each face of the corner.

The Chair declares consensus.

Subcommittee Recommendation: To accept the Chair's second round proposal .