



Canadian Standards Association
Mississauga, Ontario
To the Part I Committee

Subject No. 3109

Chair: L. Radom

Date: October 7, 2003

Title: Maximum Secondary Voltage for Neon Supplies, Rules 34-300(2) and 34-312

Submitted by: D. Letcher, # 37, 22348, TWP Rd 512, Sherwood Park, Alberta, T8C 1H2 on February 14, 2003.

Proposal: Relocate the requirement limiting secondary voltage on neon supplies from Subrule 34-300(2) to new Rule number 34-312 as follows:

34-312 Maximum Secondary Voltage for Neon Supplies.

The rated secondary open circuit voltage of a neon supply shall not exceed 15,000 V and shall not exceed 7500 volts-to-ground.

Re-number Subrule 34-300 (1) appropriately.

Reasons for Request: It appears that in the rewrite of Section 34, much of Rule 34-204 (18th edition) was deleted, and Rule 34-300 (19th edition) was intended to carry the remaining requirements. By including the new requirement for ground fault protection and using the Rule title "Secondary-Circuit Ground Fault Protection" it now seems inappropriate to include the requirement covering the secondary voltage limitations in that same rule.

Since there does not seem any other rule that is more appropriate, it is recommended to make a new rule for this requirement. To remove the need to renumber all the rules in the 34-300 series, it is felt that new Rule 34-312 would be suitable.

Chair's Comments: I agree with the proposal.

Subcommittee Deliberations

6 of 12 members responded, all in favour of the proposal. One member had this comment:

1. While I agree with the submission in general, the proposed separate Rule (34-312) would be in better sequence if it appeared at the beginning of the section on Neon Supplies namely, as rule 34-300. The remaining rules would then be renumbered.

Chair's Comments

The comment from the agreeing member was addressed by the submitter in his original submission and did not appear to be much of a concern.

I agree with the comment that the new rule would be better at the beginning of the section. After some discussion with the submitter, it was concluded it would be best to name the new rule as 34-300 and renumber the existing rules, accordingly. As this was mentioned in the original reasons for request as an option, and does not change the intent, I believe we have consensus among the Subcommittee.

Subcommittee Recommendation

- 1) To accept original proposal with rule number 34-312 amended as 34-300.
- 2) To renumber existing rule 34-300 to 34-302 and remove Subrule (1) numbering.
To renumber existing rules 34-302 to 34-310 as rules 34-304 to 34-312.