



**CANADIAN STANDARDS
ASSOCIATION**

**CSA Z462 EXTERNAL Progress Report 1
November 29, 2006
Project to Develop a Canadian Standard
on Workplace Electrical Safety (based on NFPA 70E)**

Z462 TC Chair: Mike Doherty

Project Manager: Dave Shanahan

Reporting Period: September 1 – November 30, 2006

First TC Executive Meeting held at the CSA Office in Mississauga, September 7, 2006.

First meeting of the Z462 Technical Committee held October 25, 2006 in Toronto.

Actions taken from the meeting included;

1. Created two standing sub-committees
 - SC 1: Communications, both internal and external
 - SC 2: Harmonization with NFPA 70E
2. Created working groups to review specific sections of NFPA 70E, to determine application to Z462.
 - WG 1: Exclusions (Z462 Scope)
 - WG 2: Definitions
 - WG 3: Article 110 – Safety related work practices
 - WG 4: Article 120 – Establishing an electrically safe work condition
 - WG 5: Article 130 – Working on or near live parts
 - WG 6: Chapter 2 – Safety-related maintenance practices
 - WG 7: Chapters 3 & 4 – Requirements for special equipment, and for installations
 - WG 8: Annexes
3. Created a working group (WG 9) to review CSA Z1000, ANSI Z10 and OHSAS-18001 requirements for Safety Management systems and how it may relate to CSA Z462.
4. Established required actions to be completed before the next meeting.
5. Established a schedule of future Technical Committee meetings;
 - Meeting 2: February 23-25, 2007 in Calgary
 - Meeting 3: June 14-15, 2007 in Halifax
 - Meeting 4: October 18-19, 2007 in Calgary.

Executive Summary:

Initial meeting of Z462 was held October 25, 2006 in Toronto. The meeting established a subcommittee on Communications, and various working groups to work on specific sections of NFPA 70E and determine their application to Z462. CSA Z1000, Z1000 and OHSAS 18001 will also be reviewed for application. A timetable for action items was established as well as a schedule for future meetings.

Introduction:

This project is to produce a Canadian version of NFPA 70E, Standard on Workplace Electrical Safety, suitable for publishing as a National Standard of Canada, designated as CSA Z462. Z462 would be harmonized with NFPA 70E, with the technical content staying similar while referencing specific requirements in the Canadian Electrical Code and other CSA safety standards. This project is necessary since, while NFPA 70E is becoming the de facto standard for workplace electrical safety across Canada, it does not mention the Canadian Electrical Code, the Control of Hazardous Energy standard, Z460, or the Canadian live electrical work standards from ULC. A scope statement was drafted as this was one of the key accomplishments of the day.

Previously Reported Work:

None. This is the initial progress report for this project.

Recently Completed Work:

Minutes of the meeting have been placed on the CSA members On-Line Workspace.

Future Work:

All established working groups to finish their reviews of the appropriate parts of NFPA 70E, or other standards as determined at the first meeting. Working group recommendations to be distributed to all committee members prior to next meeting (Feb 23-25, 2007), for discussion at that meeting.