



CANADIAN STANDARDS
ASSOCIATION

Product Profiles

ELEC

Electrical



CSA Z462-08

Workplace Electrical Safety
Standard



CSA Z462-08

Workplace Electrical Safety Standard

More than 80 years ago, CSA created the first standard for installation practices of electrical equipment. What's been missing is a work practice standard for those who work on or near energized electrical equipment.

That changes with the introduction of the new CSA Z462 Workplace Electrical Safety Standard. CSA Z462 is the country's first all-Canadian comprehensive standard to protect electrical workers. Z462 will compliment CSA Z460 Control of Hazardous Energy – Lockout and the Canadian Electrical Code.

Designing Safe Work Spaces

CSA Z462 provides guidance on the assessment of electrical hazards and design of safe work spaces around electrical power systems. It stipulates requirements for identifying hazardous equipment and for the development of safe work procedures around this equipment. This Standard also gives guidance to electrical workers on the selection of personal protective equipment and protective clothing.





A Harmonized Approach

CSA Z462 is based on the U.S. National Fire Protection Association (NFPA) standard NFPA 70E, Standard for Electrical Safety in the Workplace. In fact, CSA Z462 was developed in parallel with the 2009 edition of NFPA 70E. Attempts have been made to harmonize Z462 with NFPA 70E as much as practicable for Canadian Workplaces.

Establishing Best Practices

The first edition of CSA-Z462 will initially be recognized as a voluntary best practice standard for use anywhere in Canada. In the future, as Z462 gains acceptance, each Province and the Federal Government may choose to reference it in regulations, and thereby make it mandatory. This is a similar process followed by regulators in referencing the *updated* Canadian Electrical Code (CEC) Part 1, 21st Edition, C22.1-09.



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ABOUT CSA

Canadian Standards Association (CSA) is a not-for-profit association serving industry, government, consumers and other interested parties in Canada and the global marketplace. A leading developer of standards and codes, CSA aims to enhance public safety, improve quality of life, preserve the environment and facilitate trade. To help people understand and apply standards, CSA offers information products and training.

The Canadian Standards Association is a division of CSA Group, which also consists of CSA International for product testing and certification, and OnSpeX for consumer product evaluation services. For more information, visit www.csa.ca

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OTHER RELATED PRODUCTS



Workplace Electrical Safety Online Training

This online course was developed to assist organizations in preventing electrical shock and arc flash/arc blast injuries and incidents associated with working on or near live electrical equipment.



Mobile Publications (Available Spring 2009)

Access your Z462 standard from virtually any mobile device. “Standards-To-Go” gives you convenient access to the standard where and when you need it, without the need for an internet connection.



Canadian Electrical Code Part I

The 21st edition of Canada’s National Electrical Installation code is now available. Handbooks, pocket guides and other application tools are also available. Visit cecode.csa.ca for more information



CAN/CSA-Z460-05, Control of Hazardous Energy – Lockout and Other Methods

This Standard specifies requirements for controlling hazardous energy associated with potentially harmful machines, equipment, or processes.



EDUCATION & TRAINING

CSA Education & Training offers comprehensive programs designed to assist organizations in identifying electrical hazards and reducing related injuries. Workshops are available for Z462, Arc Flash and other related standards, and can be delivered on-site on request. Visit learningcentre.csa.ca for more information.