



## New Standards & Editions

**CAN/CSA-C22.2 No. 60601-2-2-01, 2nd edition**  
*Medical Electrical Equipment—Part 2-2: Particular Requirements for the Safety of High Frequency Surgical Equipment* (Adopted IEC 60601-2-2:1998, third edition, 1998-09) . . . . . \$75

This standard specifies requirements for the safety of high frequency (HF) surgical equipment used in medical practice.

HF surgical equipment having a rated output power not exceeding 50 W (for example, for micro-coagulation, or for use in dentistry or ophthalmology) is exempt from certain requirements in this standard. These exemptions are indicated in the relevant requirements.

**CAN/CSA-C22.2 No. 60601-2-7-01, 2nd edition**  
*Medical Electrical Equipment—Part 2-7: Particular Requirements for the Safety of High-Voltage Generators of Diagnostic X-Ray Generators* (Adopted IEC 60601-2-7:1998, second edition, 1998-02) . . . . . \$75

This standard applies to high-voltage generators of medical diagnostic X-ray generators and their subassemblies, including the following:

- high-voltage generators that are integrated with an X-ray tube assembly
- high-voltage generators of radiotherapy treatment simulators.

Where appropriate, requirements for X-ray generators are given, but only where these concern the functioning of the associated high-voltage generator.

**CAN/CSA-C22.2 No. 60601-2-11-01, 2nd edition**  
*Medical Electrical Equipment—Part 2-11: Particular Requirements for the Safety of Gamma Beam Therapy Equipment* (Adopted CEI/IEC 60601-2-11:1997, second edition, 1997-08) (bilingual) . . . . . \$115

This standard specifies requirements for the safety of gamma beam therapy equipment intended for radiotherapy in human medical practice, and includes equipment in which the selection and display of operating parameters can be controlled by a programmable electronic system (PES).

This standard applies to equipment that is intended to deliver one or more gamma radiation beams at normal treatment distances greater than 5 cm using one or more sealed radioactive sources.

This standard specifies the requirements for equipment; it does not specify the requirements for the radiation sources.

**CAN/CSA-C22.2 No. 60601-2-16-01, 2nd edition**  
*Medical Electrical Equipment—Part 2-16: Particular Requirements for the Safety of Haemodialysis, Haemodiafiltration and Haemofiltration Equipment* (Adopted IEC 60601-2-16:1998, second edition, 1998-02) . \$40

This standard specifies the minimum safety requirements for single-patient haemodialysis, haemodiafiltration, and haemofiltration equipment (as defined in the standard). These devices are intended for use either by medical staff or under the supervision of medical expertise, including equipment operated by the patient.

This standard does not apply to the following:

- extracorporeal circuits
- dialysers
- dialysing fluid concentrates
- water purification equipment
- equipment used to perform peritoneal dialysis (see IEC 60601-2-39).

**CAN/CSA-C22.2 No. 60601-2-24-01, 1st edition**  
*Medical Electrical Equipment—Part 2-24: Particular Requirements for the Safety of Infusion Pumps and Controllers* (Adopted IEC 60601-2-24:1998, first edition, 1998-02) . . . . . \$95

This standard specifies the requirements for infusion pumps, infusion controllers, syringe pumps and pumps for ambulatory use. These devices are intended for use by medical staff and home patients as prescribed and medically indicated.

**CAN/CSA-C22.2 No. 60601-2-45-01, 1st edition**  
*Medical Electrical Equipment—Part 2-45: Particular Requirements for the Safety of Mammographic X-ray Equipment and Mammographic Stereotactic Devices* (Adopted IEC 60601-2-45:1998, first edition, 1998-09) . . . . . \$35

This standard contains requirements for the safety of X-ray equipment designed for mammography and mammographic stereotactic devices.

The object of this standard is to formulate appropriate design and manufacturing requirements for the safety of mammographic X-ray equipment and mammographic stereotactic devices, reflecting the particular characteristics and circumstances of use of such equipment.



**CAN/CSA-C22.2 No. 60601-2-46-01, 1st edition**  
*Medical Electrical Equipment—Part 2-46: Particular Requirements for the Safety of Operating Tables*  
 (Adopted IEC 60601-2-46:1998, first edition, 1998-06) . . . . . \$35

This standard specifies safety requirements for operating tables (whether or not having electrical parts), including transporters used for moving the table top to or from the base or pedestal of an operating table with a detachable table top.

This standard does not apply to the following:

- dental patient chairs
- examination chairs and couches
- patient-supporting systems of diagnostic and therapeutic devices
- operating table heating blankets
- patient transfer equipment
- delivery tables and beds
- hospital beds
- field tables.

**PLUS 1161-01**  
*Carrier Safety Management System Essentials—Guidelines to Assist in the Implementation of a Carrier Safety Management System and in Understanding CSA Standard B619-00* . . . . . \$75

CSA standard B619 was developed to address the unique requirements of the trucking industry. It is designed to provide assurances to stakeholders (such as insurance companies and federal and provincial regulators) that the carrier is committed to complying with all transportation safety requirements. The management of the carrier provides this assurance by establishing and implementing appropriate policies and procedures, setting safety performance objectives for the company, and continuously monitoring itself against these performance indicators. Adherence to these policies should ensure that the safety and performance objectives are met and that all incidents of nonconformance with either a regulatory requirement or B619 are promptly identified and corrected.

PLUS 1161 has been prepared to help carrier organizations in understanding B619, and in implementing a Carrier Safety Management System (CSMS). Many transportation organizations, through their participation on the Technical Committee on Carrier Safety Management Systems, provided industry-specific examples that are used in this guide.

The guide has been written for both small and large carrier organizations that provide road transportation services. It can also apply to businesses in which the

movement of goods by road from one location to another is a component of the diversified business enterprise.

The guide provides the rationale for implementing a CSMS, an overview of B619, and a detailed guide to implementing its individual clauses. This guide addresses each element of B619, and provides explanations, commentaries, and helpful tips for implementation.

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## Nouvelles parutions en français

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**B52-99, 9<sup>e</sup> édition**  
*Code sur la réfrigération mécanique* . . . . . 70 \$

Ce code vise à établir les exigences minimales quant à la conception, la fabrication, l'installation et l'entretien des systèmes de réfrigération mécanique, afin de réduire au minimum les risques de blessures.

**Note :** Ce code ne traite pas directement de la protection des biens ni de la préservation de l'environnement, ces sujets pouvant être abordés dans d'autres lois, règlements, codes et normes.

Ce code vise la conception, la fabrication, l'installation, la vérification et l'entretien de toute installation frigorifique régie par la loi et définie par ce code.

Ce code ne s'applique pas aux systèmes utilisant l'eau ou l'air comme frigorigène, aux réservoirs de stockage de gaz non raccordés de façon permanente à un système frigorifique, aux systèmes frigorifiques installés à bord des wagons ferroviaires, des véhicules automobiles, des remorques, des avions ou des bateaux, ni aux systèmes de réfrigération utilisés dans les systèmes de climatisation des résidences privées, à moins de dispositions contraires dans la loi.

**CAN/CSA-C22.2 n° 60601-2-11-01, 2<sup>e</sup> édition (bilingue)**  
*Appareils électromédicaux—Partie 2-11 : Règles particulières de sécurité pour les appareils de gammathérapie* (norme CEI/IEC 60601-2-11:1997 adoptée, deuxième édition, 1997-08) . . . . . 115 \$

Cette norme spécifie des prescriptions de sécurité pour les appareils de gammathérapie utilisés à des fins de médecine humaine en radiothérapie et s'applique également aux appareils pour lesquels la sélection et l'affichage des paramètres de fonctionnement peuvent être contrôlés par des systèmes électroniques programmables (sep).



## Nouvelles parutions (suite)

Cette norme s'applique à tout appareil destiné à délivrer un ou des faisceaux de rayonnement gamma à des distances normales de traitement supérieures de 5 cm et utilisant une ou des sources radioactives scellées. Cette norme spécifie des prescriptions pour les appareils. Elle ne spécifie pas de prescriptions pour les sources de rayonnement.

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## Modifications publiées en français

### B52-99

*Code sur la réfrigération mécanique*

Des modifications ont été apportées au tableau 6.

### CAN/CSA-B621-98

*Sélection et utilisation des citernes routières, des citernes amovibles, des citernes compartimentées et des conteneurs pour le transport des marchandises dangereuses des classes 3, 4, 5, 6.1, 8 et 9*

Des modifications ont été apportées aux articles 4.2, 7.1 et 8.4.

### Z180.1-00

*Air comprimé respirable et systèmes connexes*

Des modifications ont été apportées à la première de couverture, à la deuxième de couverture ainsi qu'à la page titre.

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## Amendments

### Z180.1-00

*Compressed Breathing Air and Systems*

Revision of the outside and inside front cover and the title page.

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## Proposed New Projects

For more information about the proposed development of the following new project, contact Dave Shanahan at 416-747-2586 or [dave.shanahan@csa.ca](mailto:dave.shanahan@csa.ca):

- **Z195, 5th edition**  
*Protective Footwear*

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## Reaffirmed Standards

### CAN/CSA-M4254.1-96 (R2001)

*Tractors and Machinery for Agriculture and Forestry—Technical Means for Ensuring Safety—Part 1: General*

### CAN/CSA-M4254.3-96 (R2001)

*Tractors and Machinery for Agriculture and Forestry—Technical Means for Ensuring Safety—Part 3: Tractors*

### Z62.3-96 (R2001)

*Chain Saw Kickback*

### Z275.4-97 (R2001)

*Competency Standard for Diving Operations*

### CAN/CSA-Z321-96 (R2001)

*Signs and Symbols for the Workplace*

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## Withdrawn Standards

### CAN/CSA-C22.2 No. 601.2.14-92 (R1997)

*Medical Electrical Equipment—Part 2: Particular Requirements for the Safety of Electroconvulsive Therapy Equipment*