



## New Standards & Editions

**B354.2-01, 2nd edition**  
*Self-Propelled Elevating Work Platforms* . . . . . \$60

This standard applies to self-propelled integral chassis elevated work platforms that have a platform that cannot be positioned completely beyond the base. The platforms covered are used to position personnel, along with their necessary tools and materials, at work locations. Self-propelled elevating work platforms (aerial platforms) are power operated with primary functions, including drive, controlled from the platform. This standard also applies to aerial platforms for both on-slab and off-slab applications.

This standard specifies the minimum requirements for the design, manufacture, remanufacture, rebuild/recondition, testing, performance, inspection, training, maintenance, and safe operation of self-propelled elevating work platforms.

**B651.1-01, 1st edition**  
*Barrier-Free Design for Automated Banking Machines* . . . . . \$35

This standard defines accessibility requirements for automated banking machines (ABMs) and ABM sites.

It describes technical requirements that apply to the design and manufacture of wall-mounted and stand-alone ABMs and to ABM sites, excluding drive-through ABMs.

**CAN/CSA-C22.2 No. 60601-2-8-01, 2nd edition (bilingual)**  
*Medical Electrical Equipment—Part 2-8: Particular Requirements for the Safety of Therapeutic X-Ray Equipment Operating in the Range 10 kV to 1 MV (Adopted CEI/IEC 60601-2-8 (1987) plus Amendment 1:1997, edition 1.1)* . . . . . \$175

This standard applies to therapeutic X-ray equipment with nominal X-ray tube voltages in the range 10 kV to 1 MV when connected to alternating current supply mains. It establishes safety requirements, including the requirement for accuracy and reproducibility of performance, to the extent that these are related to radiation quality and the quantity of ionizing radiation produced and thus must be considered as aspects of safety.

This standard must be used with IEC 60601-1 (1988) and its amendments 1 and 2.

**CAN/CSA-M3767-1-01, 2nd edition**  
*Tractors, Machinery for Agriculture and Forestry, Powered Lawn and Garden Equipment—Symbols for Operator Controls and Other Displays—Part 1: Common Symbols (Adopted ISO 3767-1:1998, 3rd edition)* . . . . . \$100

This standard establishes the common symbols for operator controls and other displays on tractors and machinery for agriculture and forestry, and powered lawn and garden equipment as defined in ISO 3339-0 and ISO 5395.

**Z259.12-01, 1st edition**  
*Connecting Components for Personal Fall Arrest Systems (PFAS)* . . . . . \$60

This standard sets out design and performance requirements, test methods, and requirements for marking and labelling individual connecting components used as part of a personal fall arrest system.

**Z314.1-01, 4th edition**  
*Ethylene Oxide Sterilizers for Health Care Facilities* \$40

This standard applies to ethylene oxide sterilizers that have automatic controls and are intended for general-purpose use in health care facilities. It includes minimum construction, performance, testing, and labelling requirements. The purpose is both to ensure that the environment in the sterilizing chamber is potentially effective in sterilizing products, and to ensure the safety of personnel using the equipment.

**Z314.2-01, 4th edition**  
*Effective Sterilization in Health Care Facilities by the Ethylene Oxide Process* . . . . . \$65

This standard outlines essential elements in a program for using ethylene oxide to sterilize products in health care facilities, in order to ensure adequate sterility and to minimize the risk of injury to patients and staff. This standard applies to all sterilization processes that use an ethylene oxide sterilizer in accordance with CSA standards Z314.1 and Z314.9.

**Z314.3-01, 4th edition**  
*Effective Sterilization in Health Care Facilities by the Steam Process* . . . . . \$65

This standard outlines essential elements for using steam to sterilize medical devices in health care facilities, in order to ensure adequate sterility and minimize the risk of injury to the equipment operators.



## New Standards & Editions (cont'd)

### Z314.9-01, 2nd edition

*Installation, Ventilation, and Safe Use of Ethylene Oxide Sterilizers in Health Care Facilities* . . . . . \$75

This standard is intended to help health care facilities meet government regulations on exposure and worker safety regarding:

- using ethylene oxide gas as a sterilant
- installing new ethylene oxide sterilization equipment
- modifying existing equipment.

This standard addresses basic issues associated with the safe use or operation of ethylene oxide sterilizers.

This standard includes installation and ventilation design criteria and performance specifications for ethylene oxide sterilization areas, aeration areas, and container handling and storage areas.

### Z314.13-01, 2nd edition

*Recommended Standard Practices for Emergency (Flash) Sterilization* . . . . . \$45

This standard provides recommended practices for emergency sterilization in health care facilities. In this standard, “emergency sterilization” is synonymous with “flash sterilization” and sterilization by the “unwrapped method.”

### Z317.10-01, 2nd edition

*Handling of Waste Materials in Health Care Facilities and Veterinary Health Care Facilities* . . . . . \$75

This standard specifies requirements for the segregation, packaging, collection, movement, storage, and on-site treatment of waste materials within health care facilities and veterinary health care facilities. It may also apply to other facilities.

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## Nouvelles parutions en français

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### CAN/CSA-C22.2 n° 60601-2-8-01, 2<sup>e</sup> édition (bilingue)

*Appareils électromédicaux—Partie 2-8 : Règles particulières de sécurité pour les équipements à rayonnement X de thérapie fonctionnant dans la gamme de 10 kV à 1 MV (norme CEI/IEC 60601-2-8 (1987) et amendement 1:1997 adoptés, édition 1.1 (1999))* . . . . . 175 \$

Cette norme particulière s'applique aux équipements à rayonnement X de thérapie fonctionnant à des hautes tensions nominales comprises entre 10 kV et 1 MV quand ils sont reliés à un réseau d'alimentation fournissant du courant alternatif. Cette norme établit des prescriptions de sécurité pour les équipements à rayonnement X de thérapie y compris celles relatives à la précision et à la reproductibilité des caractéristiques dans la mesure où celle-ci sont la relation avec la qualité de rayonnement et les grandeurs liées au rayonnement ionisant émis et où elles doivent donc être considérées comme des aspects de la sécurité.

Cette norme doit être lue conjointement avec CEI 60601-1 (1988) et ses amendements 1 et 2.

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## Amendments

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**Note:** The following two adopted amendments to M3767.2-97 are available only with the purchase of the standard. They are not available separately.

### CAN/CSA-M3767.2-97, Amendment 2:2001

*Tractors, Machinery for Agriculture and Forestry, Powered Lawn and Garden Equipment—Symbols for Operator Controls and Other Displays—Part 2:*

*Symbols for Agricultural Tractors and Machinery.*

*Amendment 2: “Additional Symbols”* (Adopted Amendment 2:2001 to ISO 3767-2:1991)

### CAN/CSA-M3767.2-97, Amendment 3:2001

— *Amendment 3:2001* (Adopted Amendment 3:2001 to ISO 3767-2:1991)

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## Modifications publiées en français

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**Note.** Les deux amendements suivants sont offerts uniquement avec l'achat de la norme. Ils ne sont pas disponibles séparément.

### CAN/CSA-M3767.2-97, Amendement 2:2001

*Tracteurs, matériels agricoles et forestiers, matériel à moteur pour jardins et pelouses—Symboles pour les commandes de l'opérateur et autres indications—*

*Partie 2 : Symboles pour tracteurs et machines agricoles.*

*Amendement 2 : “Symboles supplémentaires”* (norme ISO 3767-2:1991, amendement 2:2001 adoptée)

### CAN/CSA-M3767.2-97, Amendement 3:2001

— *Amendement 3:2001* (norme ISO 3767-2:1991, amendement 3:2001 adoptée)

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## Drafts

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**Please note:** Public comments about draft standards and proposed amendments listed in this issue are due by June 7, 2001.

To receive copies of the following draft standard, or to offer comments, contact Paul Levine at 416-747-4172 or paul.levine@csa.ca:

- **B340, 4th edition**

*Selection and Use of Cylinders, Spheres, Tubes, and Other Containers for the Transportation of Dangerous Goods, Class 2*



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## Proposed New Projects

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For more information about the proposed development of the following new publication, contact Nancy Bestic at 416-747-2710 or nancy.bestic@csa.ca:

- **Z317.13, 1st edition**  
*Infection Control Considerations During Construction/Renovation of Health Care Facilities*

For more information about the proposed development of the following new publication, contact Paul Levine at 416-747-4172 or paul.levine@csa.ca:

- **PLUS 1161, 1st edition**  
*Carrier Safety Management System (CSMS) Essentials*

For more information about the proposed development of the following new publication, contact Steve Paniri at 416-747-4118 or steve.paniri@csa.ca:

- **B44.1/ASME A17.5, new edition**  
*Elevator and Escalator Electrical Equipment*

For more information about the proposed development of the following new publications, contact Dave Shanahan at 416-747-2586 or dave.shanahan@csa.ca:

- **Z94.3.1, 1st edition**  
*Selection, Use, and Care Guide for Eye and Face Protection*
- **Z195.1, 1st edition**  
*Selection, Use, and Care Guide for Protective Footwear*

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## Reaffirmed Standards

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- CAN/CSA-C22.2 No. 601-2-1-92 (R2001)  
*Medical Electron Accelerators in the Range 1 MeV to 50 MeV*
- CAN/CSA-C22.2 No. 601-2-2-92 (R2001)  
*High Frequency Surgical Equipment*
- CAN/CSA-C22.2 No. 601-2-3-92 (R2001)  
*Short-Wave Therapy Equipment*
- CAN/CSA-C22.2 No. 601-2-7-92 (R2001)  
*High-Voltage Generators of Diagnostic X-Ray Generators*
- CAN/CSA-C22.2 No. 601-2-8-92 (R2001)  
*Therapeutic X-Ray Generators*
- CAN/CSA-C22.2 No. 601-2-9-92 (R2001)  
*Dosimeters Used in Radiotherapy with Electrically Connected Radiation Detectors*
- CAN/CSA-C22.2 No. 601-2-11-92 (R2001)  
*Gamma Beam Therapy Equipment*
- CAN/CSA-C22.2 No. 601-2-16-92 (R2001)  
*Haemodialysis Equipment*
- CAN/CSA-C22.2 No. 601-2-18-92 (R2001)  
*Endoscopic Equipment*
- CAN/CSA-C22.2 No. 601-2-19-92 (R2001)  
*Baby Incubators*
- CAN/CSA-C22.2 No. 601-2-20-92 (R2001)  
*Transport Incubators*
- CAN/CSA-Z256-M87 (R2001)  
*Safety Code for Material Hoists*

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## Proposed Reaffirmation of Standards

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For more information about the proposed reaffirmation of the following standards, contact Brian Weir at 416-747-4363 or brian.weir@csa.ca:

- **CAN/CSA-M424.3-M90 (R1996)**  
*Braking Performance—Rubber-Tired, Self-Propelled Underground Mining Machines*
- **CAN/CSA-M427-M91 (R1996)**  
*Fire-Performance and Antistatic Requirements for Ventilation Materials*



## Certification Notices

Please note: ► Notices marked with an arrowhead are new in this issue.

Effective Date	Subject	Title
July 30, 2001	Publication of CSA's Z94.3-99 (5th edition), <i>Industrial Eye and Face Protectors</i> .	Occupational Health and Safety Products No. 37
January 1, 2003	Publication of standards on <i>Medical Electrical Equipment</i> : CAN/CSA-C22.2 No. 601.1.3-98, No. 601.1.1S1-94, and No. 601.2.21, .23, .27, .31, .32, .33, and .34. (Products may be evaluated to these standards now.)	Health Care Equipment No. 11

## Status of CSA Standards Projects

**TYPE:** ns *new standard*; ne *new edition*; spec *special publication*; p *preliminary standard*.

**STATUS:** 1 *The project is under initial evaluation.*

2 *The technical content is being drafted.*

3 *The draft is undergoing an internal quality audit by CSA.*

4 *The publication is being processed for formal letter-ballot approval.*

5 *The approved publication will be for sale within 2–3 months.*

H *The publication is on hold.*

C *The publication has been cancelled. It will be removed from the next status report.*

SUBJECT	NUMBER	TYPE	STATUS
<b>Health Care Technology</b>			
Application of Auditory and Visual Medical Devices	ISO 9703-3	ns	2
Pressure Regulators and Pressure Regulators with Flow-Metering Devices for Medical Gas Systems	ISO 10524	ns	3
Biological Evaluation of Medical Devices—Part 15: Identification and Quantification of Degradation Products from Metals and Alloys	ISO 10993-15	ns	3
Medical Electrical Equipment—Particular Requirements for Safety of Medical Supply Units	ISO 11197	ns	3
Sterilization of Health Care Products—General Requirements for Characterization of a Sterilizing Agent and the Development, Validation, and Routine Control of a Sterilization Process	ISO 14937	ns	5
Flow-Metering Devices for Connection to Terminal Units of Medical Gas Pipeline Systems	ISO 15002	ns	3
Medical Devices—Symbols to Be Used with Medical Device Labels, Labelling and Information to Be Supplied	ISO 15223	ns	H
Disinfectants	Z314.11	ns	H
Selection and Use of Rigid Sterilization Containers	Z314.14	ne	2
Special Requirements for Heating, Ventilation, Air Conditioning (HVAC) Systems in HCF	Z317.2	ne	4
Laser Safety in Health Care Facilities	Z386	ne	4
Transportable Mobility Aids	Z604	ne	3
Mobility Aid Securement and Occupant Restraint Systems	Z605	ne	3
Safety of Tissues and Organs for Transplantation	Z900.1	ns	1
Safety of Tissues for Transplantation	Z900.2.1	ns	1
Safety of Reproductive Tissues for Transplantation	Z900.2.2	ns	1



<b>SUBJECT</b>	<b>NUMBER</b>	<b>TYPE</b>	<b>STATUS</b>
Safety of Perfusable Organs for Transplantation	Z900.2.3	ns	1
Safety of Ocular Tissues for Transplantation	Z900.2.4	ns	1
Safety of Hematopoietic Cells for Transplantation	Z900.2.5	ns	1
Nonflammable Medical Gas Pipeline Systems—Part 1: Pipelines for Compressed Medical Gases and Vacuum	Z7396.1	ns	2
Nonflammable Medical Gas Pipeline Systems—Part 2: Pipelines for Anaesthetic Gas Scavenging Disposal Systems	Z7396.2	ns	3
<b>Mechanical Industrial Equipment</b>			
Elevator Safety Code (Bi-national)	B44/A17.1	ne	4
Safety Code for Manlifts	B311	ne	1
Selection and Use of Cylinders, Spheres, Tubes, and Other Containers for the Transportation of Dangerous Goods, Class 2	B340	ne	1
<b>Community and Personal Issues</b>			
Barrier-Free Design	B651	ne	1
Dimensions for Facially-Featured Headforms	Z262.6	ns	4
Racquet Sports Eye Protection	Z400	ns	3
<b>Occupational Health and Safety</b>			
Industrial Lift Truck Operator Training	B335	ne	2
Elevating Rolling Work Platforms	B354.1	ne	1
Boom-Type Elevating Work Platforms	B354.4	ne	1
Mast Climbers	B354.5	ns	1
Lighting and Marking of Agricultural Field Equipment on Highways	M669	ne	2
Agricultural Tractors—Operator's Seating Accommodation—Dimensions	M4253	ns	H
Chain Saws	Z62.1	ne	2
Health and Safety Code for Suspended Equipment Operations	Z91	ne	2
Hearing Protection	Z94.2	ne	3
Eyewear User Guide	Z94.3.1	spec	2
Selection, Use, and Care of Respirators	Z94.4	ne	2
High-Visibility Safety Apparel	Z96	ns	2
Code for Punch Press and Brake Press Operation: Health, Safety, and Guarding Requirements	Z142	ne	2
Protective Footwear	Z195	ne	2
Footwear User Guide	Z195.1	spec	2
Design of Double Girder Electric Overhead Travelling Cranes	Z202	ns	H
Code for Tower Cranes	Z248	ne	2
Flexible Horizontal Lifelines	Z259.13	ns	2
Fall Restrict Equipment for Wood Pole Climbing	Z259.14	ns	4
Hyperbaric Facilities	Z275.1	ne	2
Safety Code for Diving Operations	Z275.2	ne	2
Competency Standard for Diving Operations	Z275.4	ne	2
Riot Helmets and Faceshields	Z611	ne	2