



**CANADIAN STANDARDS
ASSOCIATION**

INFO UPDATE

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Canadian Standards Association

Making Standards Work for People and Business

The **Canadian Standards Association** has been a leader in standards development since 1919. Accredited by the Standards Council of Canada, we have published over 2000 standards for the safety, design and performance of a wide range of products and services. Many of our standards are cited in legislation at federal, provincial, state and municipal levels across North America. Many are internationally or regionally harmonized. All of our standards are the result of the knowledge and expertise of our members who develop the standards.

Our 9,000+ members are at the heart of the CSA process for the development of standards. They come from all walks of life and include scientists, academics, environmentalists and technicians. They represent government, industry, labour and consumers. All CSA standards are developed following principles of consensus, so that all viewpoints receive a fair hearing with no one interest group dominating.

There are two different types of membership; volunteer committee membership and sustaining membership. Our committee members contribute time and expertise to the process of standards development, and our sustaining members support this work through the payment of annual dues.

CSA is funded through the sale of information products, membership, and from interested stakeholders.

At the Canadian Standards Association, we know the power of standards to effect change and are committed to making standards work for people and business.

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all the latest information.*



Communications/Information

CAN/CSA-ISO/IEC 8859-8:02, 1st edition

Information Technology—8-bit single-byte coded graphic character sets—Part 8: Latin/Hebrew alphabet (Adopted ISO/IEC 8859-8:1999)



Informatique et télécommunications

CAN/CSA-ISO/CEI 7498-3-00, 1^{re} édition

Technologies de l'information—Interconnexion de systèmes ouverts (OSI)—Modèle de référence de base : Dénomination et adressage (norme ISO/CEI 7498-3:1997 adoptée)

CAN/CSA-ISO/CEI 10164-14-01, 1^{re} édition

Technologies de l'information—Interconnexion de systèmes ouverts (OSI)—Gestion-systèmes : Catégories de tests de confiance et de diagnostic (norme ISO/CEI 10164-14:1996 adoptée)

CAN/CSA-ISO/CEI 10181-4-00, 1^{re} édition

Technologies de l'information—Interconnexion de systèmes ouverts (OSI)—Cadres de sécurité pour les systèmes ouverts : Non-répudiation (norme ISO/CEI 10181-4:1997 adoptée)

CAN/CSA-ISO/CEI 10181-5-00, 1^{re} édition

Technologies de l'information—Interconnexion de systèmes ouverts (OSI)—Cadres de sécurité pour les systèmes ouverts : Cadre de confidentialité (norme ISO/CEI 10181-5:1996 adoptée)

CAN/CSA-ISO/CEI 10181-6-00, 1^{re} édition

Technologies de l'information—Interconnexion de systèmes ouverts (OSI)—Cadres de sécurité pour les systèmes ouverts : Cadre d'intégrité (norme ISO/CEI 10181-6:1996 adoptée)

CAN/CSA-ISO/CEI 10181-7-00, 1^{re} édition

Technologies de l'information—Interconnexion de systèmes ouverts (OSI)—Cadres de sécurité pour les systèmes ouverts : Cadre d'audit et d'alarmes de sécurité (norme ISO/CEI 10181-7:1996 adoptée)

CAN/CSA-ISO/CEI 10918-3-00, 1^{re} édition

Technologies de l'information—Compression et codage numériques des images fixes à modelé continu : Extensions (norme ISO/CEI 10918-3:1997 adoptée)

CAN/CSA-ISO/CEI 11179-3-00, 1^{re} édition

Technologies de l'information—Spécifications et normalisation des éléments de données—Partie 3 : Attributs de base des éléments de données (norme ISO/CEI 11179-3:1994 adoptée)

CAN/CSA-ISO/CEI 11179-4-00, 1^{re} édition

Technologies de l'information—Spécifications et normalisation des éléments de données—Partie 4 : Règles et directives pour la formulation des définitions des données (norme ISO/CEI 11179-4:1995 adoptée)

Informatique et télécommunications (suite)

CAN/CSA-ISO/CEI 11586-1-00, 1^{re} édition

Technologies de l'information—Interconnexion de systèmes ouverts (OSI)—Sécurité générique des couches supérieures : Aperçu, modèles et notation (norme ISO/CEI 11586-1:1996 adoptée)

CAN/CSA-ISO/CEI 11586-2-00, 1^{re} édition

Technologies de l'information—Interconnexion de systèmes ouverts (OSI)—Sécurité générique des couches supérieures : Définition du service assuré par l'élément de service d'échange de sécurité (SESE) (norme ISO/IEC 11586-2:1996 adoptée)

CAN/CSA-ISO/CEI 11586-3-00, 1^{re} édition

Technologies de l'information—Interconnexion de systèmes ouverts (OSI)—Sécurité générique des couches supérieures : Spécification du protocole d'élément de service d'échange de sécurité (SESE) (norme ISO/CEI 11586-3:1996 adoptée)

CAN/CSA-ISO/CEI 11586-4-00, 1^{re} édition

Technologies de l'information—Interconnexion de systèmes ouverts (OSI)—Sécurité générique des couches supérieures : Spécification de la syntaxe de protection du transfert (norme ISO/CEI 11586-4:1996 adoptée)

CAN/CSA-ISO/CEI 11586-5-00, 1^{re} édition

Technologies de l'information—Interconnexion de systèmes ouverts (OSI)—Sécurité générique des couches supérieures : Formulaire de déclaration de conformité d'instance de protocole (PICS) de l'élément de service d'échange de sécurité (SESE) (norme ISO/CEI 11586-5:1997 adoptée)

CAN/CSA-ISO/CEI 11588-1-00, 1^{re} édition

Technologies de l'information—Gestion des systèmes de messagerie (MHS)—Partie 1 : Modèle et architecture (norme ISO/CEI 11588-1:1996 adoptée)

CAN/CSA-ISO/CEI 13712-1-00, 1^{re} édition

Technologies de l'information—Opérations distantes : Concepts, modèle et notation (norme ISO/CEI 13712-1:1995 adoptée)

CAN/CSA-ISO/CEI 13712-2-00, 1^{re} édition

Technologies de l'information—Opérations distantes : Réalisations OSI—Définition du service de l'élément de service d'opérations distantes (ROSE) (norme ISO/CEI 13712-2:1995 adoptée)



Construction Products and Materials

S136-01, 6th edition

North American Specification for the Design of Cold-Formed Steel Structural Members



Produits et matériaux de construction

B45 Série-99, 4^e édition

Appareils sanitaires

B602-99, 3^e édition

Jointes mécaniques pour tuyaux d'évacuation, de ventilation et d'égout

Produits et matériaux de construction (suite)

O86-01, 8^e édition

Règles de calcul des charpentes en bois

W117.2-01, 4^e édition

Règles de sécurité en soudage, coupage et précédés connexes

(Élaborée en collaboration avec le Bureau canadien de soudage)



Electrical/Electronics

C22.2 No. 141-02, 3rd edition

Unit Equipment for Emergency Lighting

CAN/CSA-CEI/IEC 61000-4-8:02, 1st edition (bilingual)

Electromagnetic Compatibility (EMC)–Part 4-8: Testing and Measurement Techniques–Power Frequency Magnetic Field Immunity Test

(Adopted CEI/IEC 61000-4-8:1993+A1:2000, edition 1.1, without modification)

CAN/CSA-CEI/IEC 61000-4-9:02, 1st edition (bilingual)

Electromagnetic Compatibility (EMC)–Part 4-9: Testing and Measurement Techniques–Pulse Magnetic Field Immunity Test

(Adopted CEI/IEC 61000-4-9:1993+A1:2000, edition 1.1, without modification)

CAN/CSA-CEI/IEC 61000-4-16:02, 1st edition (bilingual)

Electromagnetic Compatibility (EMC)–Part 4-16: Testing and Measurement Techniques–Test for Immunity to Conducted, Common Mode Disturbances in the Frequency Range 0 Hz to 150 kHz

(Adopted CEI/IEC 61000-4-16:1998+Amendment 1:2001, first edition, without modification)

CAN/CSA-CEI/IEC 61000-4-17:02, 1st edition (bilingual)

Electromagnetic Compatibility (EMC)–Part 4-9: Testing and Measurement Techniques–Ripple on D.C. Input Power Port Immunity Test

(Adopted CEI/IEC 61000-4-17:1999+Amendment 1:2001, first edition, without modification)

CAN/CSA-E60730-1:02, 3rd edition (bilingual)

Automatic Electrical Controls for Household and Similar Use–Part 1: General Requirements

(Adopted CEI/IEC 60730-1:1999, third edition, with Canadian deviations)



Électricité et électronique

C22.2 n° 112-97 (C2002), 8^e édition

Sécheuses électriques (norme binationale avec UL 2158)

CAN/CSA-CEI/IEC 61000-4-8:02, 1^{re} édition (bilingue)

Compatibilité électromagnétique (CEM)–Partie 4-8 : Techniques d'essai et de mesure–Essai d'immunité au champ magnétique à la fréquence du réseau

(norme CEI/IEC 61000-4-8:1993, y compris l'Amendement 1:2000, édition 1.1, a été adoptée sans modifications)

Électricité et électronique (suite)

CAN/CSA-CEI/IEC 61000-4-9:02, 1^{re} édition (bilingue)

Compatibilité électromagnétique (CEM)–Partie 4-8 : Techniques d'essai et de mesure–Essai d'immunité au champ magnétique impulsionnel (norme CEI/IEC 61000-4-9:1993, y compris l'Amendement 1:2000, édition 1.1, a été adoptée sans modifications)

CAN/CSA-CEI/IEC 61000-4-16:02, 1^{re} édition (bilingue)

Compatibilité électromagnétique (CEM)–Partie 4-8 : Techniques d'essai et de mesure–Essai d'immunité aux perturbations conduites en mode commun dans la gamme de fréquences de 0 Hz à 150 kHz (norme CEI/IEC 61000-4-16:1998, y compris l'Amendement 1 :2001, 1^{re} édition, a été adoptée sans modifications)

CAN/CSA-CEI/IEC 61000-4-17:02, 1^{re} édition (bilingue)

Compatibilité électromagnétique (CEM)–Partie 4-8 : Techniques d'essai et de mesure–Essai d'immunité à l'ondulation résiduelle sur entrée de puissance à courant continu (norme CEI/IEC 61000-4-17:1999, y compris l'Amendement 1:2001, 1^{re} édition, a été adoptée sans modifications)

CAN/CSA-E60730-1:02, 3^e édition (bilingue)

Dispositifs de commande électrique automatiques à usage domestique et analogue–Partie 1 : Règles générales (norme CEI/IEC 60730-1:1999 adoptée, 3e édition, avec exigences propres au Canada)



Energy

C743-02, 2nd edition

Performance Standard for Rating Packaged Water Chillers



Énergie

B211-00, 2^e édition

Rendement énergétique des chauffe-eau au mazout à accumulation

B214-01, 1^{re} édition

Code d'installation des systèmes de chauffage hydronique

B365-01, 6^e édition

Code d'installation des appareils à combustibles solides et du matériel connexe

C813.1-01, 1^{re} édition

Méthode de mesure des performances des onduleurs

C860-01, 2^e édition

Performances des enseignes de sortie à éclairage interne



Environment

PLUS 1157, 1st edition

Guide to the Implementation of an EMS for the Primary Agriculture Sector Based on ISO 14001



Environnement

PLUS 1138, 1^{re} édition

Liste de pointage intégrée pour systèmes de gestion de la qualité et systèmes de gestion de l'environnement

Z768-01, 2^e édition

Évaluation environnementale de site, phase I



Gas Equipment

CSA 6.18-02, 3rd edition

Service Regulators for Natural Gas

ANSI Z21.75-2001/CSA 6.27-2001, 1st edition

Connectors for Outdoor Gas Appliances and Manufactured Homes



Appareils à gaz

B109-01, 1^{re} édition

Code d'installation du gaz naturel pour les véhicules



Life Sciences

B339-02, 4th edition

Cylinders, Spheres, and Tubes for the Transportation of Dangerous Goods

B340-02, 4th edition

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

D435-02, 1st edition

Accessible Transit Buses

Z94.4-02, 3rd edition

Selection, Use, and Care of Respirators

Z611-02, 2nd edition

Riot Helmets and Faceshield Protection



Sciences de la vie

B354.2-01, 2^e édition

Plates-formes de travail élévatrices automotrices

Z32-99, 1^{re} édition

Sécurité en matière d'électricité et réseaux électriques essentiels des établissements de soins de santé

Z94.3.1-02, 1^{re} édition

Lunettes de protection: guide de l'utilisateur

Z262.6-02, 1^{re} édition

Spécifications relatives aux fausses têtes présentant des traits du visage

Z314.9-01, 2^e édition

Installation et ventilation des stérilisateurs à l'oxyde d'éthylène dans les établissements de santé



Qualité/Gestion et production

Z234.1-00, 6^e édition

Guide de familiarisation au système métrique



Completed Projects / Projets terminés

New Standards – New Editions – Special Publications

Please note that the following standard was developed by the International Organization for Standardization (ISO) and the International Electrotechnical Commission (IEC), and has been adopted by the Canadian Standards Association. This standard is available in PDF format only.

CAN/CSA-ISO/IEC 8859-8:02, 1st edition

Information Technology—8-bit single-byte coded graphic character sets—

Part 8: Latin/Hebrew alphabet (Adopted ISO/IEC 8859-8:1999) \$50

Nouvelles normes – Nouvelles éditions – Publications spéciales

Veillez noter que les normes suivantes ont été élaborées par l'Organisation internationale de normalisation (ISO) et la Commission Électrotechnique Internationale (CEI) et ont été adoptées par l'Association canadienne de normalisation. Ces normes sont offertes en format PDF seulement.

CAN/CSA-ISO/CEI 7498-3-00, 1^{re} édition

Technologies de l'information—Interconnexion de systèmes ouverts (OSI)—

Modèle de référence de base : Dénomination et adressage

(norme ISO/CEI 7498-3:1997 adoptée) 80 \$

CAN/CSA-ISO/CEI 10164-14-01, 1^{re} édition

Technologies de l'information—Interconnexion de systèmes ouverts (OSI)—

Gestion-systèmes : Catégories de tests de confiance et de diagnostic

(norme ISO/CEI 10164-14:1996 adoptée) 130 \$

CAN/CSA-ISO/CEI 10181-4-00, 1^{re} édition

Technologies de l'information—Interconnexion de systèmes ouverts (OSI)—

Cadres de sécurité dans les systèmes ouverts : Non-répudiation

(norme ISO/CEI 10181-4:1997 adoptée) 75 \$

CAN/CSA-ISO/CEI 10181-5-00, 1^{re} édition

Technologies de l'information—Interconnexion de systèmes ouverts (OSI)—

Cadres de sécurité pour les systèmes ouverts : Cadre de confidentialité

(norme ISO/CEI 10181-5:1996 adoptée) 65 \$

CAN/CSA-ISO/CEI 10181-6-00, 1^{re} édition

Technologies de l'information—Interconnexion de systèmes ouverts (OSI)—

Cadres de sécurité pour les systèmes ouverts : Cadre d'intégrité

(norme ISO/CEI 10181-6:1996 adoptée) 65 \$



Nouvelles normes – Nouvelles éditions – Publications spéciales (suite)

CAN/CSA-ISO/CEI 10181-7-00, 1^{re} édition

*Technologies de l'information–Interconnexion de systèmes ouverts (OSI)–
Cadres de sécurité pour les systèmes ouverts : Cadre d'audit et d'alarmes de sécurité
(norme ISO/CEI 10181-7:1996 adoptée) 65 \$*

CAN/CSA-ISO/CEI 10918-3-00, 1^{re} édition

*Technologies de l'information–Compression et codage numériques des images fixes à
modèle continu : Extensions (norme ISO/CEI 10918-3:1997 adoptée)..... 135 \$*

CAN/CSA-ISO/CEI 11179-3-00, 1^{re} édition

*Technologies de l'information–Spécifications et normalisation des éléments de données–
Partie 3 : Attributs de base des éléments de données
(norme ISO/CEI 11179-3:1994 adoptée) 85 \$*

CAN/CSA-ISO/CEI 11179-4-00, 1^{re} édition

*Technologies de l'information–Spécifications et normalisation des éléments de données–
Partie 4 : Règles et directives pour la formulation des définitions des données
(norme ISO/CEI 11179-4:1995 adoptée) 55 \$*

CAN/CSA-ISO/CEI 11586-1-00, 1^{re} édition

*Technologies de l'information–Interconnexion de systèmes ouverts (OSI)–
Sécurité générique des couches supérieures : Aperçu, modèles et notation
(norme ISO/CEI 11586-1:1996 adoptée) 115 \$*

CAN/CSA-ISO/CEI 11586-2-00, 1^{re} édition

*Technologies de l'information–Interconnexion de systèmes ouverts (OSI)–
Sécurité générique des couches supérieures : Définition du service assuré par l'élément de
service d'échange de sécurité (SESE) (norme ISO/IEC 11586-2:1996 adoptée) 30 \$*

CAN/CSA-ISO/CEI 11586-3-00, 1^{re} édition

*Technologies de l'information–Interconnexion de systèmes ouverts (OSI)–
Sécurité générique des couches supérieures : Spécification du protocole d'élément de service
d'échange de sécurité (SESE) (norme ISO/CEI 11586-3:1996 adoptée) 50 \$*

CAN/CSA-ISO/CEI 11586-4-00, 1^{re} édition

*Technologies de l'information–Interconnexion de systèmes ouverts (OSI)–
Sécurité générique des couches supérieures : Spécification de la syntaxe de protection du
transfert (norme ISO/CEI 11586-4:1996 adoptée) 35 \$*

CAN/CSA-ISO/CEI 11586-5-00, 1^{re} édition

*Technologies de l'information–Interconnexion de systèmes ouverts (OSI)–
Sécurité générique des couches supérieures : Formulaire de déclaration de conformité
d'instance de protocole (PICS) de l'élément de service d'échange de sécurité (SESE)
(norme ISO/CEI 11586-5:1997 adoptée) 40 \$*

CAN/CSA-ISO/CEI 11588-1-00, 1^{re} édition

*Technologies de l'information–Gestion des systèmes de messagerie (MHS)–
Partie 1 : Modèle et architecture (norme ISO/CEI 11588-1:1996 adoptée) 60 \$*



Nouvelles normes – Nouvelles éditions – Publications spéciales (suite)

CAN/CSA-ISO/CEI 13712-1-00, 1^{re} édition

Technologies de l'information–Opérations distantes : Concepts, modèle et notation

(norme ISO/CEI 13712-1:1995 adoptée) 105 \$

CAN/CSA-ISO/CEI 13712-2-00, 1^{re} édition

Technologies de l'information–Opérations distantes : Réalisations OSI–

Définition du service de l'élément de service d'opérations distantes (ROSE)

(norme ISO/CEI 13712-2:1995 adoptée) 90 \$

Modifications publiées en français

CAN/CSA-ISO/CEI 13712-1A-00

La modification n° 1:2000, « Opérations intégrées », à la norme CAN/CSA-ISO/CEI

13712-1-00 (norme ISO/CEI 13712-1:1995, amendement n° 1:1996, adoptée) 35 \$

CAN/CSA-ISO/CEI 13712-3A-00

La modification n° 1:2000, « Mappage sur A-UNIT-DATA et opérations intégrées »,

à la norme CAN/CSA-ISO/CEI 13712-3-00 (norme ISO/CEI 13712-3:1995,

amendement n° 1:1996, adoptée)..... 35 \$

Reaffirmed Standards

CAN/CSA-ISO/IEC 7813-96 (R2002)

Amendment 1 to CAN/CSA-ISO/IEC 7813-96–Identification Cards–

Financial Transaction Cards (Adopted Amendment 1:1996 to ISO/IEC 7813:1995)

CAN/CSA-ISO/IEC 9899-94 (R2002)

Amendment 1 to CAN/CSA-ISO/IEC 9899-94–Programming Languages–C–“C Integrity”

(Adopted Amendment 1:1995 to ISO/IEC 9899:1990)



Under Development

Status of CSA Standards Projects

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

STAGE:

- 00 Definition of a new project** – A request has been received for the development of a new project and discussions have been initiated.
- 10 Evaluation of project proposal** – The project is under initial evaluation and the public has been notified of the intent to proceed.
- 20 Preparatory** – A working draft is being prepared and a project schedule is being established.
- 30 Committee consensus building** – The technical committee, or technical subcommittee, is developing the draft.
- 40 Enquiry** – The draft is being offered for public review and comment, and is undergoing an internal quality review.
- 50 Approval** – The publication is being processed for formal letter ballot, or recorded vote, approval. A second-level review is being conducted to verify that procedures were followed.
- 60 Publication** – The final edit is being conducted, and the approved publication will be available for sale within 2-3 months.
- H Hold** – The project is on hold.
- C Cancelled** – The project has been cancelled. It will be removed from the next status report.

SUBJECT	NUMBER	TYPE	STAGE
Telecommunications/Information Technology			
Information Technology–Programming Languages–Fortran– Part 2: Varying Length Character Strings	ISO/IEC 1539-2	ne	50
Information Technology–Telecommunications and Information Exchange Between Systems–34-pole DTE/DCE Interface Connector Mateability Dimensions and Contact Number Assignments	ISO/IEC 2593	ne	50
Identification Cards–Machine Readable Travel Documents– Part 2: Machine Readable Visa	ISO/IEC 7501-2	ne	50
Identification Cards–Recording Technique— – Part 2: Magnetic Stripe–Low Coercivity	ISO/IEC 7811-2	ne	50
– Part 6: Magnetic Stripe–High Coercivity	ISO/IEC 7811-6	ne	50
Identification Cards–Financial Transaction Cards	ISO/IEC 7813	ne	50
Information Technology–Identification Cards–Integrated Circuit(s) Cards with Contacts–Part 6: Interindustry Data Elements	ISO/IEC 7816-6	ns	50
Information Technology–Open Systems Interconnection– Transport Service Definition	ISO/IEC 8072	ne	50
Information Technology–Data Communications–X.25 Packet Layer Protocol for Data Terminal Equipment	ISO/IEC 8208	ne	50
Information Technology–Open Systems Interconnection– Protocol Specification for the Association Control Service Element: Protocol Implementation Conformance Statement (PICS) Proforma	ISO/IEC 8650-2	ne	50
Information Technology–Local and Metropolitan Area Networks–Part 3: Carrier Sense Multiple Access with Collision Detection (CSMA/CD) Access Method and Physical Layer Specifications	ISO/IEC 8802-3	ne	50



Status of CSA Standards Projects (cont'd)

SUBJECT	NUMBER	TYPE	STAGE
Telecommunications/Information Technology (cont'd)			
Information Technology–Telecommunications and Information Exchange Between Systems–Local and Metropolitan Area Networks–Specific Requirements–Part 5: Token Ring Access Method and Physical Layer Specifications	ISO/IEC 8802-5	ne	50
Information Technology–Open Systems Interconnection–Distributed Transaction Processing: Protocol Implementation Conformance Statement (PICS) Proforma	ISO/IEC 8823-2	ne	50
Information Technology–Abstract Syntax Notation One (ASN.1)—			
– Specification of Basic Notation	ISO/IEC 8824-1	ne	50
– Constraint Specification	ISO/IEC 8824-3	ne	50
– Parameterization of ASN.1 Specifications	ISO/IEC 8824-4	ne	50
Information Technology–8-Bit Single-Byte Coded Graphic Character Sets–Part 16: Latin Alphabet No. 10	ISO/IEC 8859-16	ns	50
Information Technology–Telecommunications and Information Exchange Between Systems–Interface Connector and Contact Assignments for ISDN Basic Access Interface Located at Reference Points S and T	ISO/IEC 8877	ns	50
Information Technology–OSI–Virtual Terminal Basic Class Protocol–Part 1: Specification	ISO/IEC 9041-1	ns	50
Information Technology–Database Languages–SQL–Part 9: Management of External Data (SQL/MED)	ISO/IEC 9075-9	ns	50
Software Engineering–Product Quality–Part 1: Quality Model	ISO/IEC 9126-1	ns	50
Telecommunication Standardization Sector of ITU CCITT High Level Language (Chill)	ISO/IEC 9496	ne	50
Information Technology–Open Systems Interconnection–The Directory—			
– Overview of Concepts, Models and Services	ISO/IEC 9594-1	ne	50
– Models	ISO/IEC 9594-2	ne	50
– Abstract Service Definition	ISO/IEC 9594-3	ne	50
– Procedures for Distributed Operation	ISO/IEC 9594-4	ne	50
– Protocol Specifications	ISO/IEC 9594-5	ne	50
– Selected Attribute Types	ISO/IEC 9594-6	ne	50
– Selected Object Classes	ISO/IEC 9594-7	ne	50
– Authentication Framework	ISO/IEC 9594-8	ne	50
– Replication	ISO/IEC 9594-9	ne	50
Information Technology–Open Systems Interconnection–Common Management Information Protocol–Part 1: Specification	ISO/IEC 9596-1	ns	50
Information Technology–Open Systems Interconnection–Conformance Testing Methodology and Framework–Part 3: The Tree and Tabular Combined Notation (TTCN)	ISO/IEC 9646-3	ne	50

**Status of CSA Standards Projects (cont'd)**

SUBJECT	NUMBER	TYPE	STAGE
Telecommunications/Information Technology (cont'd)			
Information Technology–Security Techniques–Entity Authentication Mechanisms—			
– Part 1: General Model	ISO/IEC 9798-1	ne	50
– Part 2: Mechanisms Using Symmetric Encipherment Algorithms	ISO/IEC 9798-2	ne	50
– Part 3: Entity Authentication Using a Public Key Algorithm	ISO/IEC 9798-3	ne	50
– Part 4: Mechanisms Using a Cryptographic Check Function	ISO/IEC 9798-4	ne	50
Information Technology–OSI-Protocol for the Commitment, Concurrency and Recovery Service Element: Protocol Specification	ISO/IEC 9805-1	ne	50
Programming Languages–C	ISO/IEC 9899	ne	50
Information Technology–Portable Operating System Interface (POSIX)–Part 1: System Application Program Interface (API) {C Language}	ISO/IEC 9945-1	ne	50
Information Technology–Security Techniques–Procedures for the Registration of Cryptographic Algorithms	ISO/IEC 9979	ne	50
Information Technology–Message Handling Systems (MHS)—			
– Part 4: Message Transfer System: Abstract Service Definition and Procedures	ISO/IEC 10021-4	ne	50
– Part 8: Electronic Data Interchange Messaging Service	ISO/IEC 10021-8	ne	50
– Part 9: Electronic Data Interchange Messaging System	ISO/IEC 10021-9	ne	50
Information Technology–Open Systems Interconnection— Systems Management: Response Time Monitoring Function	ISO/IEC 10164-22	ns	50
Information Technology–Open Systems Interconnection— Structure of Management Information—			
– Managed Objects For Supporting Upper Layers	ISO/IEC 10165-8	ns	50
– Systems Management Application Layer Managed Objects	ISO/IEC 10165-9	ns	50
Information Technology–Text and Office Systems–Document Printing Application (DPA)–Part 3: Management Abstract Service Definitions and Procedures	ISO/IEC 10175-3	ns	50
Identification Cards–Test Methods—			
– Part 3: Integrated Circuit(s) Cards with Contacts and Related Interface Devices	ISO/IEC 10373-3	ns	50
– Part 6: Proximity Cards	ISO/IEC 10373-6	ns	50
– Part 7: Vicinity Cards	ISO/IEC 10373-7	ns	50
Identification Cards–Contactless Integrated Circuit(s) Cards– Close-Coupled Cards–Part 1: Physical Characteristics	ISO/IEC 10536-1	ns	50
Information Technology–International Standardized Profiles AMH1n–Message Handling Systems–Common Messaging– Part 5: AMH13–MS Access (P7)	ISO/IEC 10611-5	ne	50
Information Technology–Telecommunications and Information Exchange Between Systems–Specification of Elements of Management Information Related to OSI Transport Layer Standards	ISO/IEC 10737	ne	50



Status of CSA Standards Projects (cont'd)

SUBJECT	NUMBER	TYPE	STAGE
Telecommunications/Information Technology (cont'd)			
Information Technology–Language Independent Arithmetic– Part 2: Elementary Numerical Functions	ISO/IEC 10967-2	ns	50
Information Technology–Specification and Standardization of Data Elements–Part 2: Classification for Data Elements	ISO/IEC 11179-2	ns	50
Information Technology–High-Performance Parallel Interface– Part 10: 6400 Mbit/s Physical Layer (HIPPI-6400-PH)	ISO/IEC 11518-10	ns	50
Information Technology–User System Interfaces and Symbols– Icon Symbols and Functions—			
– Part 1: Icons–General	ISO/IEC 11581-1	ns	50
– Part 2: Object Icons	ISO/IEC 11581-2	ns	50
– Part 3: Pointer Icons	ISO/IEC 11581-3	ns	50
Identification Cards–Optical Memory Cards–General Characteristics	ISO/IEC 11693	ns	50
Identification Cards–Optical Memory Cards–Linear Recording Method—			
– Part 1: Physical Characteristics	ISO/IEC 11694-1	ns	50
– Part 2: Dimensions and Location of the Accessible Optical Area	ISO/IEC 11694-2	ne	50
– Part 3: Optical Properties and Characteristics	ISO/IEC 11694-3	ne	50
– Part 4: Logical Data Structures	ISO/IEC 11694-4	ne	50
Information Technology–Generic Cabling for Customer Premises	ISO/IEC 11801	ns	50
Information Technology–Programming Languages–Prolog– Part 2: Modules	ISO/IEC 13211-2	ns	50
Information Technology–Database Languages–SQL Multimedia and Applications Packages—			
– Part 1: Framework	ISO/IEC 13249-1	ns	50
– Part 2: Full-Text	ISO/IEC 13249-2	ns	50
– Part 5: Still Image	ISO/IEC 13249-5	ns	50
Information Technology–SGML Applications–Topic Maps	ISO/IEC 13250	ns	50
Information Technology–Coding of Multimedia and Hypermedia Information—			
– Part 5: Support for Base-level Interactive Applications	ISO/IEC 13522-5	ns	50
– Part 7: Interoperability and Conformance Testing for ISO/IEC 13522-5	ISO/IEC 13522-7	ns	50
– Part 8: XML Notation for ISO/IEC 13522-5	ISO/IEC 13522-8	ns	50
Information Technology–Office Equipment–Measurement of Image Quality Attributes for Hardcopy Output–Binary Monochrome Text and Graphic Images	ISO/IEC 13660	ns	50
Information Technology–Document Processing and Related Communication–Conformance Testing for Standard Generalized Markup Language (SGML) Systems	ISO/IEC 13673	ns	50
Information Technology–Programming Languages, Their Environments and System Software Interfaces– Programming Language Extended APL	ISO/IEC 13751	ns	50

**Status of CSA Standards Projects (cont'd)**

SUBJECT	NUMBER	TYPE	STAGE
Telecommunications/Information Technology (cont'd)			
Information Technology–Generic Coding of Moving Pictures and Associated Audio Information—			
– Part 1: Systems	ISO/IEC 13818-1	ns	50
– Part 2: Video	ISO/IEC 13818-2	ns	50
Information Technology–Telecommunications and Information Exchange Between Systems–Private Integrated Services Network–Specification, Functional Model and Information Flows–Path Replacement Additional Network Feature	ISO/IEC 13863	ne	50
Information Technology–Telecommunications and Information Exchange Between Systems–Private Integrated Services Network–Inter-exchange Signalling Protocol–Call Completion Supplementary Services	ISO/IEC 13870	ne	50
Information Technology–Telecommunications and Information Exchange Between Systems–Private Integrated Services Network–Inter-exchange Signalling Protocol–Path Replacement Additional Network Feature	ISO/IEC 13874	ne	50
Information Technology–Scalable Coherent Interface (SCI)	ISO/IEC 13961	ns	50
Information Technology–Fibre Channel—			
– Part 131: Switch Fabric Requirements (FC-SW)	ISO/IEC 14165-131	ns	50
– Part 141: Fabric Generic Requirements (FC-FG)	ISO/IEC 14165-141	ns	50
Identification Cards–Contactless Integrated Circuit(s) Cards–Proximity Cards—			
– Part 1: Physical Characteristics	ISO/IEC 14443-1	ns	50
– Part 2: Radio Frequency Power and Signal Interface	ISO/IEC 14443-2	ns	50
– Part 3: Initialization and Anticollision	ISO/IEC 14443-3	ns	50
– Part 4: Transmission Protocol	ISO/IEC 14443-4	ns	50
Information Technology–Lossless and Near-lossless Compression of Continuous-tone Still Images: Baseline	ISO/IEC 14495-1	ns	50
Information Technology–Coding of Audio-visual Objects—			
– Part 1: Systems	ISO/IEC 14496-1	ns	50
– Part 4: Conformance Testing	ISO/IEC 14496-4	ns	50
– Part 5: Reference Software	ISO/IEC 14496-5	ns	50
– Part 6: Delivery Multimedia Integration Framework (DMIF)	ISO/IEC 14496-6	ns	50
Information Technology–Portable Operating System Interface (POSIX)–Test Methods for Measuring Conformance to POSIX–Part 1: System Interfaces	ISO/IEC 14515-1	ns	50
Software Engineering–Product Evaluation—			
– Part 2: Planning and Management	ISO/IEC 14598-2	ns	50
– Part 3: Process for Developers	ISO/IEC 14598-3	ns	50
– Part 6: Documentation of Evaluation Modules	ISO/IEC 14598-6	ns	50
Information Technology–OSI–The Directory: Directory System Protocol–Protocol Implementation Conformance Statement (PICS) Proforma	ISO/IEC 14608-2	ns	50



Status of CSA Standards Projects (cont'd)

SUBJECT	NUMBER	TYPE	STAGE
Telecommunications/Information Technology (cont'd)			
Information Technology–International String Ordering and Comparison–Method for Comparing Character Strings and Description of the Common Template Tailorable Ordering	ISO/IEC 14651	ns	50
Information Technology–Open Distributed Processing–Protocol Support for Computational Interactions	ISO/IEC 14752	ns	50
Information Technology–Input Methods to Enter Characters From the Repertoire of ISO/IEC 10646 with a Keyboard or Other Input Device	ISO/IEC 14755	ns	50
Information Technology–Open Distributed Processing–Type Repository Function	ISO/IEC 14769	ns	50
Information Technology–Small Computer System Interface (SCSI)–Part 232: Serial Bus Protocol 2 (SBP-2)	ISO/IEC 14776-232	ns	50
Information Technology–Small Computer System Interface-3 (SCSI-3)–Part 341: Controller Commands (SCC)	ISO/IEC 14776-341	ns	50
Information Technology–Small Computer System Interface (SCSI)–Part 342: Controller Commands-2 (SCC-2)	ISO/IEC 14776-342	ns	50
Information Technology–Small Computer System Interface (SCSI)–Part 381: Optical Memory Card Device Commands (OMC)	ISO/IEC 14776-381	ns	50
SBus–Chip and Module Interconnect Bus	ISO/IEC 15205	ns	50
Information Technology–Automatic Identification and Data Capture Techniques—			
– Bar Code Print Quality Test Specification–Linear Symbols	ISO/IEC 15416	ns	50
– Bar Code Symbology Specification–Code 128	ISO/IEC 15417	ns	50
– Bar Code Digital Imaging and Printing Performance Testing	ISO/IEC 15419	ns	50
– Bar Code Symbology Specification–EAN/UPC	ISO/IEC 15420	ns	50
– Bar Code Master Test Specifications	ISO/IEC 15421	ns	50
– Bar Code Scanner and Decoder Performance Testing–Part 1: Linear Symbols	ISO/IEC 15423-1	ns	50
– Data Carrier Identifiers (including Symbology Identifiers)	ISO/IEC 15424	ns	50
– Bar Code Verifier Conformance Specifications–Part 1: Linear Symbols	ISO/IEC 15426-1	ns	50
Information Technology–Enhancements to LOTOS (E-LOTOS)	ISO/IEC 15437	ns	50
Information Technology–Automatic Identification and Data Capture Techniques–Bar Code Symbology Specifications–PDF417	ISO/IEC 15438	ns	50
Information Technology Vocabulary	Z243.58	ne	H
Telecommunications			
Telecommunications–Telephone Terminal Equipment–Requirements for Pay Telephone Keypads and Function Keys with Particular Consideration for Use by Persons with Disabilities	T516	ns	50



Completed Projects / Projets terminés

New Standards – New Editions – Special Publications

S136-01, 6th edition

North American Specification for the Design of Cold-Formed Steel Structural Members..... \$80

This specification applies to the design of structural members cold-formed to shape from carbon or low-alloy steel sheet, strip, plate or bar not more than one inch (25.4 mm) in thickness and used for load-carrying purposes in buildings. This standard can be used for structures other than buildings provided appropriate allowances are made for dynamic effects.

This specification includes design provisions for Allowable Strength Design (ASD), Load and Resistance Factor Design (LRFD) and Limit States Design (LSD). The use of LSD shall be limited to, and is mandatory in Canada.

Nouvelles normes – Nouvelles éditions – Publications spéciales

B45 Série-99, 4^e édition

Appareils sanitaires 100 \$

La série B45 comprend les normes suivantes :

- **B45.0-99**, *Exigences générales relatives aux appareils sanitaires*. Cette norme vise les appareils sanitaires suivants : baignoires, éviers de cuisine et de bar, lavabos, cuves à lessive, cabines et bacs de douche, fontaines et refroidisseurs, toilettes, bidets, urinoirs, toilettes sans recirculation et réservoirs de rétention pour véhicules de camping, toilettes chimiques, autonomes et à recirculation pour véhicules de camping. Cette norme doit être utilisée avec la ou les normes pertinentes de la série B45 afin de constituer une norme complète.
- **B45.1-99**, *Appareils sanitaires en céramique*. Cette norme s'applique aux appareils sanitaires principalement fabriqués en céramique vitrifiée ou non vitrifiée. Elle énonce les caractéristiques physiques et les méthodes d'essais visant les matériaux, la qualité, les dimensions et certains critères de construction.
- **B45.2-99**, *Appareils sanitaires en fonte émaillée*. Cette norme vise les appareils sanitaires principalement fabriqués en fonte revêtue d'email vitrifié.
- **B45.3-99**, *Appareils sanitaires en acier émaillé*. Cette norme vise les appareils sanitaires principalement fabriqués en acier revêtu d'email vitrifié.
- **B45.4-99**, *Appareils sanitaires en acier inoxydable*. Cette norme vise les appareils sanitaires principalement fabriqués en acier inoxydable.
- **B45.5-99**, *Appareils sanitaires en matière plastique*. Cette norme vise les appareils sanitaires principalement fabriqués en matière plastique.



Nouvelles normes – Nouvelles éditions – Publications spéciales (suite)

B45 Série-99 (suite)

- **B45.6-99**, *Toilettes sans recirculation et réservoirs de rétention pour véhicules de camping.* Cette norme énonce les exigences pour les toilettes sans recirculation et les réservoirs de rétention. Elle traite des essais relatifs aux matériaux, aux composants, à l'aptitude à l'emploi et aux autres caractéristiques importantes de construction et de finition, ainsi qu'à l'installation du produit fini. La norme spécifie également les exigences de marquage.
Les toilettes sans recirculation visées par cette norme sont celles qui sont raccordées à un réseau de distribution d'eau et dont l'évacuation s'effectue dans un réservoir de rétention.
Ces appareils sont destinés aux véhicules de camping et doivent être installés conformément aux instructions de montage du fabricant. Les toilettes sans recirculation visées par cette norme sont celles qui sont raccordées à un réseau de distribution d'eau et dont l'évacuation s'effectue dans un réservoir de rétention. Ces appareils sont destinés aux véhicules de camping et doivent être installés conformément aux instructions de montage du fabricant.
- **B45.7-99**, *Toilettes chimiques, autonomes et à recirculation pour véhicules de camping.* Cette norme énonce les exigences pour les toilettes chimiques, autonomes et à recirculation. Elle traite des essais relatifs aux matériaux, aux composants, à l'aptitude à l'emploi et aux autres caractéristiques importantes de construction et de finition, ainsi qu'à l'installation du produit fini. La norme spécifie également les exigences de marquage. Ces toilettes sont conçues pour être utilisées lorsque les toilettes standard ne conviennent pas.
- **B45.8-99**, *Appareils sanitaires en granito.* Cette norme énonce des exigences visant les matériaux et la résistance des appareils sanitaires en granito ainsi que des exigences d'essai.
- **B45.9-99**, *Broyeurs et composants connexes.* Cette norme vise les broyeurs/pompes qui recueillent les déchets d'une toilette, de lavabos et (ou) de baignoires installés dans une même pièce, qui broient ces déchets et les pompent dans le système d'évacuation sanitaire.

B602-99, 3^e édition

Joint mécaniques pour tuyaux d'évacuation, de ventilation et d'égout..... 60 \$

Cette norme s'applique aux joints mécaniques d'assemblage axial pour tuyaux et composants de tuyauterie sans pression d'évacuation, de ventilation et d'égout, à l'intérieur et à l'extérieur des édifices, hors sol ou enfouis.

O86-01, 8^e édition

Règles de calcul des charpentes en bois..... 80 \$

Cette norme énonce les critères de calcul et d'évaluation des charpentes et des éléments de charpente en bois ou en matériaux dérivés du bois, y compris le bois de charpente classifié, le bois lamellé-collé, le contreplaqué non poncé, les panneaux de lamelles orientées (OSB) classés par calcul, les éléments de charpente composites, les murs de refend et les diaphragmes, les pieux de gros bois, la construction à poteaux, les solives en I préfabriquées en bois, le bois de charpente composé, les fondations en bois traité et leurs attaches. Cette norme est basée sur le calcul aux états limites.



Nouvelles normes – Nouvelles éditions – Publications spéciales (suite)

W117.2-01, 4^e édition

Règles de sécurité en soudage, coupage et procédés connexes

(Élaborée en collaboration avec le Bureau canadien de soudage)..... 35 \$

Cette norme énonce des exigences minimales et des recommandations relatives à la protection des personnes qui travaillent dans des milieux où sont effectués des travaux de soudage, de coupage et des procédés et des biens matériels lors de l'installation, de l'utilisation et de l'entretien des matériels utilisés pour ces travaux.

Amendments

CAN/CSA-A123.3-98

Asphalt Saturated Organic Roofing Felt

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

Modifications publiées en français

CAN/CSA-A123.3-98

Feutre organique à toiture imprégné à cœur de bitume

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

CAN/CSA-A3000 Série-98 (C2002)

Compendium de matériaux cimentaires

Les modifications suivantes ont été apportées à la série A3000 :

Les articles suivants ont été modifiés :

- **A3000 Série-98** : Table des matières
- **A5-98** : Article 3.4.3.2 et tableaux 1 et 2
- **A8-98** : Article 5.2 (L'appendice A a été abrogée.)
- **A23.5-98** : Articles 2.1.1, 3.2, 3.4.1, 4.1.2, tableau 1 et appendice A
- **A362-98** : Articles 1.2.1, 1.2.2, 2.1.2, 2.2, 3.4.1, tableaux 1 et 2 et appendice A
- **A456.1-98** : Article 9.2
- **A456.2-98** :
 - A456.2-A1 : Articles 5.3, 5.7.6 et tableau 1
 - A456.2-B7 : Article 5.3.1
 - A456.2-C2 : Article 5.8.1
 - A456.2-C4 : Articles 5.2.1.4 et 6.1
 - A456.2-C5 : Titre et articles 1.1, 5.6.1 et 5.6.2
 - A456.2-C6 : Titre et articles 1.1, 5.6.1, 5.6.2 et 5.7.1
 - A456.2-C8 : Article 5.5
- **A456.3-98** : Articles 3.3.6.6.1, 3.3.13.1, 3.3.13.4 et 4.2.2



Modifications publiées en français (suite)

CAN/CSA-A3000-98 Série (C2002) (suite)

Les articles suivants ont été ajoutés :

- **A23.5-98** : Article 4.2A
- **A362-98** : Article 6
- **A456.3-98** : Article 4.3

Reaffirmed Standards

O80 Series-97 (R2002)

Wood Preservation

Under Development

Notice of Intent

For more information about the proposed development of the following new projects, contact Vanessa Mitchell at 416-747-2470 or vanessa.mitchell@csa.ca:

- **A123.4, 3rd edition**
Asphalt for Use in Construction of Built Up Roof Coverings and Waterproofing Systems
- **A440.2/A440.3, 4th edition**
*Energy Performance of Windows and Other Fenestration Systems/
User Guide to CSA Standard A440.2-98*

Drafts for Public Review

Please note: Public comments about draft standards, proposed amendments, proposed adoptions and proposed endorsements listed in this section are due by January 6, 2003.

Draft Standards

To receive copies of the following draft standards, or to offer comments, contact Cecilia Vega at 416-747-4009 or cecilia.vega@csa.ca:

- **A257 Series, 4th edition**
Standards for Concrete Pipe
- **G40.20/G40.21, 6th edition**
General Requirements for Rolled or Welded Structural Quality Steel/Structural Quality Steel



Drafts for Public Review (cont'd)

Draft Standards (cont'd)

To receive copies of the following draft standard, or to offer comments, contact Lidwina Kumar at 416-747-4188 or lidwina.kumar@csa.ca:

- **O151, 2nd edition**
Canadian Softwood Plywood

Proposed Amendments

To receive copies of the following proposed amendment, or to offer comments, contact Cecilia Vega at 416-747-4009 or cecilia.vega@csa.ca:

- **W117.2-01**
Safety in Welding, Cutting, and Allied Processes
Proposed new Clause 8.11, Mobile Gas Welding Systems.

Proposed Withdrawal of Standards

For more information about the proposed withdrawal of the following standards, contact Muktha Tumkur at 416-747-4045 or muktha.tumkur@csa.ca:

- **G30.3-M1983 (R1998)**
Cold-Drawn Steel Wire for Concrete Reinforcement
- **G30.5-M1983 (R1998)**
Welded Steel Wire Fabric for Concrete Reinforcement
- **G30.14-M1983 (R1998)**
Deformed Steel Wire for Concrete Reinforcement
- **G30.15-M1983 (R1998)**
Welded Deformed Steel Wire Fabric for Concrete Reinforcement



Status of CSA Standards Projects

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

STAGE:

- 00 Definition of a new project** – *A request has been received for the development of a new project and discussions have been initiated.*
- 10 Evaluation of project proposal** – *The project is under initial evaluation and the public has been notified of the intent to proceed.*
- 20 Preparatory** – *A working draft is being prepared and a project schedule is being established.*
- 30 Committee consensus building** – *The technical committee, or technical subcommittee, is developing the draft.*
- 40 Enquiry** – *The draft is being offered for public review and comment, and is undergoing an internal quality review.*
- 50 Approval** – *The publication is being processed for formal letter ballot, or recorded vote, approval. A second-level review is being conducted to verify that procedures were followed.*
- 60 Publication** – *The final edit is being conducted, and the approved publication will be available for sale within 2-3 months.*
- H Hold** – *The project is on hold.*
- C Cancelled** – *The project has been cancelled. It will be removed from the next status report.*

SUBJECT	NUMBER	TYPE	STAGE
Building Products and Systems			
Asphalt Shingles Made from Organic/Glass Felt and Surfaced with Mineral Granules	A123.1/1.5	ne	30
Asphalt-Coated Roofing Sheets	A123.2	ne	30
Asphalt for Use in Construction of Built-up Roof Coverings and Water-Proofing Systems	A123.4	ne	30
Asphalt-Coated Glass-base Sheet	A123.16	ne	30
Asphalt-Saturated Felted Glass-fibre Mat for Use in Built-up Roofs	A123.17	ne	30
Asphalt Shingle Application on Roof Slopes 1:3 and Steeper	A123.51	ne	30
Asphalt Shingle Application on Roof Slopes 1:6 to Less Than 1:3	A123.52	ne	30
Industrial and Commercial Storage Racking Systems	A344	ns	30
Harmonized Windows Standard	A440H	ns	30
Harmonized Windows Energy Standard	A440.2H	ns	30
Energy Performance of Windows and Other Fenestration Systems	A440.2	ne	30
User Guide to A440.2	A440.3	spec	30
Window and Door Installation	A440.4	ne	10
Entry Door Systems	A440.6	ns	30
Park Model Trailers	Z241 Series	ne	40
Log Homes and Buildings	Z824	ns	H
Masonry			
Concrete Masonry Units	A165 Series	ne	40
Mortar and Grout for Unit Masonry	A179M	ne	30
Masonry Connectors	A370	ne	30
Masonry Construction for Buildings	A371	ne	30



Status of CSA Standards Projects (cont'd)

SUBJECT	NUMBER	TYPE	STAGE
Offshore Structures			
General Requirements, Design Criteria, the Environment, and Loads	S471	ne	40
Foundations	S472	ne	40
Steel Structures	S473	ne	40
Concrete Structures	S474	ne	40
Sea Operations	S475	ne	40
Floating Structures	S476	ns	30
Concrete			
Concrete Materials and Methods of Concrete Construction/ Methods of Test for Concrete	A23.1/A23.2	ne	30
Plant Certification for Manufacturers of Concrete Roof Tiles	A220.0/.1/.2	ne	10
Standards for Concrete Pipe	A257.0	ne	40
Cementitious Materials Compendium	A3000 Series	ne	40
Welding			
General Requirements for Rolled or Welded Structural Quality Steel/Structural Quality Steels	G40.20/.21	ne	40
Certification of Companies for Fusion Welding of Steel Structures	W47.1	ne	40
Welded Steel Construction (Metal Arc Welding)	W59	ne	50
Performance Testing of Welders, Tack Welders, and Welding Operators for the Fusion Welding of Steel	W901	ns	H
Forest Products			
Wood Utility Poles and Reinforcing Stubs	O15	ne	30
Exterior Structural Adhesives for Wood	O112.9	ns	40
Western Cedar Shakes and Shingles	O118.1	ne	30
Eastern White Cedar Shingles	O118.2	ne	30
Douglas Fir Plywood	O121	ne	30
Structural Glued-Laminated Timber	O122	ne	40
Softwood Lumber	O141	ne	30
Canadian Softwood Plywood	O151	ne	40
Qualification Code for Manufacturers of Structural Glulam Timber	O177	ne	30
Procedure for Certification of Pressure-Treated Wood Materials for Use in Preserved Wood Foundations	O322	ne	60
Plumbing Products and Materials			
Plumbing Fixtures	B45 Series	ne	60
Maintenance Hole Frames and Covers, Catchbasin Frames and Covers	B70.1	ns	40
Harmonized Plumbing Fittings	B125.1	ns	30
Pre-Treatment Devices–General	B481.0	ns	20
Grease Interceptors	B481.1	ns	40
Structures (Design)			
Design of Concrete Structures	A23.3	ne	30
Strength Design in Aluminum	S157	ne	40
Falsework for Construction Purposes	S269.1	ne	10

**Status of CSA Standards Projects (cont'd)**

SUBJECT	NUMBER	TYPE	STAGE
Structures (Design) (cont'd)			
Access Scaffolding for Construction Purposes	S269.2	ne	10
Concrete Formwork	S269.3	ne	10
Masonry Design for Buildings (LSD)	S304.1	ne	40
Code of Practice for Safety in Demolition of Structures	S350	ne	10
Air-Supported Structures	S367	ne	10
Construction of Preserved Wood Foundations	S406	ne	10
Parking Structures	S413	ne	10

Certification and Testing (CSA International)**Informs Notices (Bulletins from CSA Certification and Testing)**

Date	Subject	Title
September 9, 2002	Publication of Technical Information Letter (TIL) No. RV-03, clarifying the intent of the definition of <i>Recreational Vehicle</i> with respect to overall width.	Recreational Vehicles No. 25

Certification Notices

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

Effective Date	Subject	Title
▶ May 23, 2003	Publication of the ninth edition of CSA standard B70-02, <i>Cast Iron Soil Pipe, Fittings, and Means of Joining</i> . (Note: The effective date applies only to additional marking requirements specified in B70-02.)	Plumbing Products No. 141



Completed Projects / Projets terminés

New Standards – New Editions – Special Publications

C22.2 No. 141-02, 3rd edition

Unit Equipment for Emergency Lighting..... \$75

This standard applies to unit equipment intended for connection to circuits with nominal voltages of 600 V and less, and intended for installation indoors in nonhazardous locations in accordance with the Canadian Electrical Code, Part I.1.2

This standard applies to unit equipment intended to provide illumination in the event of a failure of the normal power supply.

This standard includes requirements for the construction and test of unit equipment to ascertain its freedom from fire and shock hazards and to ensure that it has a minimum capability for performing its intended function.

This standard does not apply to equipment in which the rated output current exceeds 30 A or the nominal voltage at the output exceeds 30 V.

CAN/CSA-CEI/IEC 61000-4-8:02, 1st edition (bilingual)

Electromagnetic Compatibility (EMC)–Part 4-8: Testing and Measurement Techniques–Power Frequency Magnetic Field Immunity Test

(Adopted CEI/IEC 61000-4-8:1993+A1:2000, edition 1.1, without modification) \$95

CAN/CSA-CEI/IEC 61000-4-9:02, 1st edition (bilingual)

Electromagnetic Compatibility (EMC)–Part 4-9: Testing and Measurement Techniques–Pulse Magnetic Field Immunity Test

(Adopted CEI/IEC 61000-4-9:1993+A1:2000, edition 1.1, without modification) \$85

CAN/CSA-CEI/IEC 61000-4-16:02, 1st edition (bilingual)

Electromagnetic Compatibility (EMC)–Part 4-16: Testing and Measurement Techniques–Test for Immunity to Conducted, Common Mode Disturbances in the Frequency Range 0 Hz to 150 kHz (Adopted CEI/IEC 61000-4-16:1998+Amendment 1:2001, first edition, without modification)

\$80

CAN/CSA-CEI/IEC 61000-4-17:02, 1st edition (bilingual)

Electromagnetic Compatibility (EMC)–Part 4-9: Testing and Measurement Techniques–Ripple on D.C. Input Power Port Immunity Test (Adopted CEI/IEC

61000-4-17:1999+Amendment 1:2001, first edition, without modification) \$50



New Standards – New Editions – Special Publications (cont'd)

CAN/CSA-E60730-1:02, 3rd edition (bilingual)

Automatic Electrical Controls for Household and Similar Use—Part 1: General Requirements (Adopted CEI/IEC 60730-1:1999, third edition, with Canadian deviations) \$235

This Part 1 standard specifies general electrical safety requirements for certain products. The requirements of this standard apply to a specific end-use product when it is explicitly referred to by that product standard. Each individual product standard may supplement, modify, or omit a general rule in the Part 1 standard to provide the relevant requirements for each type of product.

This standard applies to the safety of such equipment designed to be installed and used in accordance with the rules of the *Canadian Electrical Code (CEC), Part 1*.

Nouvelles normes – Nouvelles éditions – Publications spéciales

C22.2 n° 112-97 (C2002), 8^e édition

Sécheuses électriques (norme binationale avec UL 2158)..... 95 \$

Cette norme s'applique aux sécheuses électriques destinées à être utilisées dans des emplacements non dangereux conformément au *Code canadien de l'électricité, Première partie* et au *National Electrical Code* (NEC, États-Unis), et branchées à des dérivations dont la tension nominale ne dépasse pas 600 V.

Cette norme s'applique aux sécheuses à cordon d'alimentation et branchées à demeure. Les appareils visés sont destinés à des utilisateurs non spécialisés, quel que soit le mode de mise sous tension de l'appareil. Elles sont destinées à des fins ménagères et commerciales, et comprennent les machines à dispositif de perception à monnaie, à ticket ou à carte, ainsi que les laveuses-sécheuses.

Cette norme ne vise pas les appareils industriels ou utilisés dans les institutions, auxquels s'applique la norme UL 1240, *Electric Commercial Clothes-Drying Equipment*.

CAN/CSA-CEI/IEC 61000-4-8:02, 1^{re} édition (bilingue)

Compatibilité électromagnétique (CEM)—Partie 4-8 : Techniques d'essai et de mesure—Essai d'immunité au champ magnétique à la fréquence du réseau (norme CEI/IEC 61000-4-8:1993, y compris l'Amendement 1:2000, édition 1.1, a été adoptée sans modifications)..... 95 \$

CAN/CSA-CEI/IEC 61000-4-9:02, 1^{re} édition (bilingue)

Compatibilité électromagnétique (CEM)—Partie 4-8 : Techniques d'essai et de mesure—Essai d'immunité au champ magnétique impulsionnel (norme CEI/IEC 61000-4-9:1993, y compris l'Amendement 1:2000, édition 1.1, a été adoptée sans modifications)..... 85 \$

CAN/CSA-CEI/IEC 61000-4-16:02, 1^{re} édition (bilingue)

Compatibilité électromagnétique (CEM)—Partie 4-8 : Techniques d'essai et de mesure—Essai d'immunité aux perturbations conduites en mode commun dans la gamme de fréquences de 0 Hz à 150 kHz (norme CEI/IEC 61000-4-16:1998, y compris l'Amendement 1:2001, 1^{re} édition, a été adoptée sans modifications) 80 \$

Nouvelles normes – Nouvelles éditions – Publications spéciales (suite)

CAN/CSA-CEI/IEC 61000-4-17:02, 1^{re} édition (bilingue)

Compatibilité électromagnétique (CEM)–Partie 4-8 : Techniques d’essai et de mesure–Essai d’immunité à l’ondulation résiduelle sur entrée de puissance à courant continu (norme CEI/IEC 61000-4-17:1999, y compris l’Amendement 1:2001, 1^{re} édition, a été adoptée sans modifications) 50 \$

CAN/CSA-E60730-1:02, 3^e édition (bilingue)

Dispositifs de commande électrique automatiques à usage domestique et analogue–Partie 1 : Règles générales (norme CEI/IEC 60730-1:1999 adoptée, 3^e édition, avec exigences propres au Canada) 235 \$

Cette norme générale énonce des exigences de sécurité électricité visant certains produits. Elle s’applique à un produit donné si la norme visant ce produit le spécifie. Chaque norme de produit peut compléter, modifier ou ignorer des exigences de cette norme générale afin que les exigences soient pertinentes à chaque type de produit.

Cette norme vise la sécurité des appareils conçus pour être installés et utilisés conformément au *Code canadien de l’électricité, Première partie*.

Amendments

C22.2 No. 5-02

Molded-Case Circuit Breakers, Molded-Case Switches and Circuit-Breaker Enclosures

Revision of the title page, the contents page, and Clauses 6.14, 7.1.4.3.1, 7.1.7.3, 13.12, and Supplement SD.

C22.2 No. 42-99

General Receptacles, Attachment Plugs, and Similar Wiring Devices

Revision of Clauses 4.1.6.9, 4.1.6.10, and 7.9.2.3, Figures 9, 10, and 11, and Tables A1, A2, A3, and A4.

C22.2 No. 111-00

General-Use Snap Switches

Revision of the title page, the copyright page, and Clauses 4.5.3.3, 4.5.3.5, 4.9.2.2, 5.1.1, 5.2.23, 6.2, 7.1.3, 7.1.4, and B1.4.

CAN/CSA-E60598-2-3-98

Luminaires–Part 2: Particular Requirements–Section Three: Luminaires for Road and Street Lighting

Revision of Clause 3.1.

CAN/CSA-E598-2-6-98 (R2002)

Luminaires–Part 2: Particular Requirements–Section 6: Luminaires with Built-in Transformers for Filament Lamps

Revision of Clause 6.1.



Amendments (cont'd)

CAN/CSA-E598-2-17-98 (R2002)

Luminaires—Part 2: Particular Requirements—Section Seventeen—Luminaires for Stage Lighting, Television and Film Studios (Outdoor and Indoor)

Revision of Clause 17.1.

Modifications publiées en français

CAN/CSA-C22.2 n° 18-98

Boîtes de sortie, boîtes pour conduits, raccords pour conduits et accessoires

Des modifications ont été apportées à la table des matières et aux articles 1.3, 5.2, 5.3, 8.1.2 et 9.2. La figure 33 a été ajoutée.

CAN/CSA-C68.3-97 (C2001)

Câbles de puissance avec écran et à neutre concentrique d'une tension nominale de 5 à 46 kV

Des modifications ont été apportées au tableau 27.

CAN/CSA-E60598-2-3-98

Luminaires—Partie 2 : Règles particulières—Section trois : Luminaires d'éclairage public

Des modifications ont été apportées à l'article 3.1.

CAN/CSA-E598-2-6-98 (C2002)

Luminaires—Partie 2 : Règles particulières—Section 6 : Luminaires à transformateur intégré pour lampes à filament de tungstène

Des modifications ont été apportées à l'article 6.1.

CAN/CSA-E598-2-17-98 (C2002)

Luminaires—Deuxième partie : Règles particulières—Section dix-sept—Luminaires pour l'éclairage des scènes de théâtre, pour prises de vues de télévision et de cinéma (à l'extérieur et à l'intérieur)

Des modifications ont été apportées à l'article 17.1.

Reaffirmed Standards

CAN/CSA-C22.2 No. 164-M91 (R2002)

Electric Sauna Heating Equipment

C22.2 No. 211.3-96 (R2002)

Reinforced Thermosetting Resin Conduit (RTRC) and Fittings

C57-98 (R2002)

Electric Power Connectors for Use in Overhead Line Conductors

CAN/CSA-E570-98 (R2002)

Electrical Supply Track Systems for Luminaires

(Adopted CEI/IEC 570:1995, with Canadian deviations)



Reaffirmed Standards (cont'd)

CAN/CSA-E598-2-1-98 (R2002) (bilingual)

Luminaires—Part 2: Particular Requirements—Section 1: Fixed General-Purpose Luminaires (Adopted IEC 598-2-1:1979, first edition, including Amendment 1:1987, with Canadian deviations)

CAN/CSA-E598-2-2-98 (R2002) (bilingual)

Luminaires—Part 2: Particular Requirements—Section 2: Recessed Luminaires (Adopted IEC 598-2-2:1996, second edition, including Amendment 1:1997, with Canadian deviations)

CAN/CSA-E598-2-6-98 (R2002) (bilingual)

Luminaires—Part 2: Particular Requirements—Section 6: Luminaires With Built-In Transformers for Filament Lamps (Adopted IEC 598-2-6:1994, second edition, including Amendment 1:1996, with Canadian deviations)

CAN/CSA-E598-2-7-98 (R2002) (bilingual)

Luminaires—Part 2: Particular Requirements—Section 7: Portable Luminaires for Garden Use (Adopted IEC 598-2-7:1982, first edition, including Amendments 1:1987 and 2:1994, with Canadian deviations)

CAN/CSA-E598-2-8-98 (R2002) (bilingual)

Luminaires—Part 2: Particular Requirements—Section 8: Handlamps (Adopted IEC 598-2-8:1996, second edition, with Canadian deviations)

CAN/CSA-E598-2-10-98 (R2002) (bilingual)

Luminaires—Part 2: Particular Requirements—Section 10: Portable Child-Appealing Luminaires (Adopted IEC 598-2-10:1987, first edition, including Amendments 1:1990 and 2:1995, with Canadian deviations)

CAN/CSA-E598-2-17-98 (R2002) (bilingual)

Luminaires—Part 2: Particular Requirements—Section 17: Luminaires for Stage Lighting, Television and Film Studios (Outdoor and Indoor) (Adopted IEC 598-2-17:1984, first edition, including Amendments 1:1987 and 2:1990, with Canadian deviations)

CAN/CSA-E598-2-18-98 (R2002) (bilingual)

Luminaires—Part 2: Particular Requirements—Section 18: Luminaires for Swimming Pools and Similar Applications (Adopted IEC 598-2-18:1993, second edition, with Canadian deviations)

CAN/CSA-E598-2-19-98 (R2002) (bilingual)

Luminaire—Part 2: Particular Requirements—Section 19: Air-Handling Luminaires (Safety Requirements) (Adopted IEC 598-2-19:1981, first edition, including Amendment 1:1987, with Canadian deviations)

CAN/CSA-E670-98 (R2002) (bilingual)

General Requirements for Enclosures for Accessories for Household and Similar Fixed Electrical Installations (Adopted IEC 670:1989, second edition, with Canadian deviations)



Formal Interpretations

The following interpretation regarding CSA standard **C22.1-98, Rule 46-304** has been approved by the Committee on Canadian Electrical Code Part 1.

Question: Under the circumstances where Subrule (2) is not exceeded, is the installation permitted in Subrule (3), in any way related to the objectives of the CEC, preferable to a permanent connection?

Answer: No.

The following interpretation regarding CSA standard **C22.1-98, Table 60** has been approved by the Committee on Canadian Electrical Code Part 1.

Question: Are products bearing “3B” designation for Wet Locations as shown in Table 60 meant for use in applications described below?

“Manufacturer X is a manufacturer of pre-insulated piping systems, including heat trace cable and associated accessories. A typical pre-insulated piping system consists of factory insulated pipe lengths with channel(s) installed longitudinally against the pipe, under the thermal insulation. This allows for insertion/pulling of the heat trace cable(s) at site. These pipe lengths are joined together (welded or fused) in the field and the heating cable is then inserted in the channel throughout the length of the circuit. The non-insulated portions at the pipe joints are then covered with insulation half shells wrapped with heat shrink sleeves to seal the system.

The majority of the installation are buried, at depths up to 4.5 m depending on the location/application. Because of varying water table levels encountered, these systems can eventually be totally covered with water which will migrate into the piping system/trace channel and get into contact with the heat trace cable.”

Answer: Yes.

Under Development

Notice of Intent

For more information about the proposed development of the following new project, contact Michael Henville at 416-747-2227 or michael.henville@csa.ca:

- **C22.2 No. 43, 5th edition**
Lampholders

For more information about the proposed development of the following new project, contact Michael Wilson at 416-747-2532 or michael.wilson@csa.ca:

- **C22.2 No. 250.0, 2nd edition**
Luminaires



Drafts for Public Review

Please note: Public comments about draft standards, proposed amendments, proposed adoptions and proposed endorsements listed in this section are due by January 6, 2003.

Draft Standards

To receive copies of the following draft standards, or to offer comments, contact Annie Pereira at 416-747-4094 or annie.pereira@csa.ca:

- **C22.2 No. 49, 12th edition**
Flexible Cords and Cables
- **C22.2 No. 211.0, 2nd edition**
General Requirements and Methods of Testing for Nonmetallic Conduit

Proposed Adoptions

For more information about the proposed adoption of the following IEC standards, contact David Hulford at 416-747-2740 or david.hulford@csa.ca:

- **IEC 60825-2:2000**
Safety of Laser Products—Part 2: Safety of Optical Fibre Communications Systems
- **IEC 60974-5:2002**
Arc Welding Equipment—Part 5: Wire Feeders
- **IEC 61496-1:1997**
Safety of Machinery—Electrosensitive Protective Equipment—Part 1: General Requirements and Tests
- **IEC 61496-2:1997**
Safety of Machinery—Electrosensitive Protective Equipment—Part 2: Particular Requirements for Equipment Using Active Opto-electronic Protective Devices (AOPDs)

For more information about the proposed adoption of the following IEC standards, contact Michael Wilson at 416-747-2532 or michael.wilson@csa.ca:

- **IEC 60745-1**
Hand-Held Motor-Operated Electric Tools—Safety—Part 1: General Requirements
- **IEC 60745-2-1**
Safety of Hand-Held Motor-Operated Electric Tools—Part 2-1: Particular Requirements for Drills and Impact Drills
- **IEC 60745-2-2**
Safety of Hand-Held Motor-Operated Electric Tools—Part 2-2: Particular Requirements for Screwdrivers and Impact Wrenches
- **IEC 60745-2-4**
Safety of Hand-Held Motor-Operated Electric Tools—Part 2-4: Particular Requirements for Sanders and Polishers Other Than Disk Type



Drafts for Public Review (cont'd)

Proposed Adoptions (cont'd)

- **IEC 60745-2-5**
Safety of Hand-Held Motor-Operated Electric Tools—Part 2-5: Particular Requirements for Circular Saws and Circular Knives
- **IEC 60745-2-6**
Safety of Hand-Held Motor-Operated Electric Tools—Part 2-6: Particular Requirements for Hammers
- **IEC 60745-2-8**
Safety of Hand-Held Motor-Operated Electric Tools—Part 2-8: Particular Requirements for Shears and Nibblers
- **IEC 60745-2-9**
Safety of Hand-Held Motor-Operated Electric Tools—Part 2-9: Particular Requirements for Tappers
- **IEC 60745-2-11**
Safety of Hand-Held Motor-Operated Electric Tools—Part 2-11: Particular Requirements for Reciprocating Saws
- **IEC 60745-2-14**
Safety of Hand-Held Motor-Operated Electric Tools—Part 2-14: Particular Requirements for Planers
- **IEC 60745-2-17**
Safety of Hand-Held Motor-Operated Electric Tools—Part 2-17: Particular Requirements for Routers and Trimmers

Proposed Reaffirmation of Standards

For more information about the proposed reaffirmation of the following standard, contact John O'Neill at 416-747-4042 or john.oneill@csa.ca:

- **CAN/CSA-C411.4-98**
Composite Suspension Insulators for Transmission Applications



Status of CSA Standards Projects

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

STAGE:

- 00 Definition of a new project** – A request has been received for the development of a new project and discussions have been initiated.
- 10 Evaluation of project proposal** – The project is under initial evaluation and the public has been notified of the intent to proceed.
- 20 Preparatory** – A working draft is being prepared and a project schedule is being established.
- 30 Committee consensus building** – The technical committee, or technical subcommittee, is developing the draft.
- 40 Enquiry** – The draft is being offered for public review and comment, and is undergoing an internal quality review.
- 50 Approval** – The publication is being processed for formal letter ballot, or recorded vote, approval. A second-level review is being conducted to verify that procedures were followed.
- 60 Publication** – The final edit is being conducted, and the approved publication will be available for sale within 2-3 months.
- H Hold** – The project is on hold.
- C Cancelled** – The project has been cancelled. It will be removed from the next status report.

SUBJECT	NUMBER	TYPE	STAGE
Canadian Electrical Code, Part I			
Canadian Electrical Code Part 1 (Twentieth Edition), Safety Standard for Electrical Installations	C22.1	ne	30
Wiring Products			
Metal Outlet Boxes	C22.2 No. 18.1	ns	50
Conduit and Cable Fittings	C22.2 No. 18.3	ns	50
Conduit and Cable Support Hardware	C22.2 No. 18.4	ns	40
Cord Sets and Power Supply Cords	C22.2 No. 21	ne	30
Thermoset Insulated Wires and Cables	C22.2 No. 38	ne	10
Lampholders	C22.2 No. 43	ne	30
Rigid Metal Conduit–Steel	C22.2 No. 45.1	ns	40
Flexible Cords and Cables	C22.2 No. 49	ne	40
Non-metallic Surface Raceways	C22.2 No. 62.1	ns	50
Wire Connectors	C22.2 No. 65	ne	40
Thermoplastic-Insulated Wires and Cables (Tri-national standard)	C22.2 No. 75	ne	50
Electrical Metallic Tubing–Steel	C22.2 No. 83.1	ns	40
Portable Power Cables	C22.2 No. 96	ne	30
Mine Power Feeder Cables	C22.2 No. 96.1	ns	30
Metal Cable Tray Systems	C22.2 No. 126.1	ne	50
Non-metallic Cable Tray Systems	C22.2 No. 126.2	ns	60
Neutral Supported Cable	C22.2 No. 129	ne	30
Heat Tracing Cable Systems for Ordinary and Hazardous Locations	C22.2 No. 130	ne	50
Splicing Wire Connectors	C22.2 No. 188	ne	10
Extruded Insulating Tubing	C22.2 No. 198.1	ne	30
Coated Electrical Sleeving	C22.2 No. 198.3	ne	30
Fire Alarm and Signal Cable	C22.2 N0. 208	ne	30
Appliance Wiring Material Products	C22.2 No. 210.2	ne	30

**Status of CSA Standards Projects (cont'd)**

SUBJECT	NUMBER	TYPE	STAGE
Wiring Products (cont'd)			
General Requirements and Methods of Testing for Nonmetallic Conduit	C22.2 No. 211.0	ne	40
Reinforced Thermosetting Resin Conduit–Above Ground	C22.2 No. 211.3	ne	40
Reinforced Thermosetting Resin Conduit (RTRC)– Below Ground	C22.2 No. 211.4	ns	40
Liquid-Tight Flexible Nonmetallic Conduit	C22.2 No. 227.2.1	ns	50
Flexible Non-metallic Tubing	C22.2 No. 227.3	ne	30
Marine Shipboard Cable	C22.2 No. 245	ne	10
Optical Fiber Cable Raceway Systems	C22.2 No. 262	ns	10
Appliance Couplers for Household and Similar General Purposes– Part 1: General Requirements	C22.2 No. 60320-1	ns	30
Appliance Switches	C22.2 No. 61058-1	ns	20
Industrial Products			
Requirements for Service Entrance Equipment	C22.2 No. 0.19	ns	10
Enclosed Switches	C22.2 No. 4	ne	40
Industrial Control Equipment	C22.2 No. 14	ne	30
Panelboards and Enclosed Panelboards	C22.2 No. 29	ne	H
Switchgear Assemblies	C22.2 No. 31	ne	30
Specialty Transformers	C22.2 No. 66	ne	40
Motors with Inherent Overheating Protection	C22.2 No. 77	ne	30
Special Purpose Enclosures	C22.2 No. 94	ne	30
Motors and Generators	C22.2 No. 100	ne	30
Safety of Uninterruptible Power Supplies (UPS)–Part 1	C22.2 No. 107.3	ns	50
Ground Fault Circuit Interrupters	C22.2 No. 144	ne	10
Motors and Generators for Use in Hazardous Locations	C22.2 No. 145	ne	10
Automatic Transfer Switches	C22.2 No. 178.1	ns	30
Requirements for Manually Operated Generator Transfer Panels	C22.2 No. 178.2	ns	30
Requirements for High Voltage Automatic Transfer Switches	C22.2 No. 178.3	ns	30
Supplementary Protectors	C22.2 No. 235	ne	30
Switchboards	C22.2 No. 244	ns	10
Motor Controllers, 1501 to 7200 Volts	C22.2 No. 253	ns	10
Motor Control Centres	C22.2 No. 254	ns	10
Neon and Cold Cathode Supplies	C22.2 No. 255	ns	30
Requirements for Arc Resistant Ratings	C22.2 No. 261	ns	10
Transient Voltage Surge Suppressors	C22.2 No. 1449	ns	10
General Rules for Low Voltage Distribution Equipment	C22.2 No. 60947-1	ns	10
Safety of Laser Products—			
– Part 1: Equipment Classification, Requirements and User's Guide	E60825-1	ns	40
– Part 2: Safety of Optical Fibre Communications Systems	E60825-2	ns	40
Arc Welding Equipment–Part 5: Wire Feeders	E60974-5	ns	40



Status of CSA Standards Projects (cont'd)

SUBJECT	NUMBER	TYPE	STAGE
Industrial Products (cont'd)			
Safety of Machinery–Electrosensitive Protective Equipment—			
– Part 1: General Requirements and Tests	E61496-1	ns	40
– Part 2: Particular Requirements for Equipment Using Active Opto-electronic Protective Devices (AOPDs)	E61496-2	ns	40
Safety of Power Transformers, Power Supply Units and Similar —			
– Part 1: General Requirements and Tests	E61558-1	ns	50
– Part 2-1: Separating Transformers for General Use	E61558-2-1	ns	50
– Part 2-2: Control Transformers	E61558-2-2	ns	50
– Part 2-4: Isolating Transformers for General Use	E61558-2-4	ns	50
– Part 2-5: Shaver Transformers and Shaver Supply Units	E61558-2-5	ns	50
– Part 2-6: Safety Isolating Transformers for General Use	E61558-2-6	ns	50
– Part 2-13: Auto-transformers for General Use	E61558-2-13	ns	50
Consumer and Commercial Products			
Landscape Lighting	C22.2 No. 9.1	ns	C
Portable Luminaires	C22.2 No. 9.12	ne	C
Christmas Tree and other Decorative Lighting Outfits	C22.2 No. 37	ne	30
Central System for Unit Equipment for Emergency Lighting	C22.2 No. 141.1	ns	30
Electrostatic Air Cleaners	C22.2 No. 187	ne	40
Radiant Space Heating Panels, Panel Sets, and Systems	C22.2 No. 217	ne	H
Heating and Cooling Equipment	C22.2 No. 236	ne	30
Luminaires	C22.2 No. 250.0	ne	10
Direct Plug-in Portable Luminaires	C22.2 No. 256	ns	40
Miniature Fuses–Part 6: Fuse-Holders for Miniature Cartridge Fuse-Links	E60127-6	ns	40
Safety of Household and Similar Electrical Appliances–Part 1: General Requirements	E60335-1/4E	ne	50
Fixed Capacitors for Use in Electronic Equipment–Part 1: Generic Specification	E60384-1	ne	50
Luminaires–Part 1: General Requirements and Tests	E60598-1	ne	60
Hand-Held Motor-Operated Electric Tools	C22.2 No. 60745-1	ns	40
Safety of Hand-Held Motor-Operated Electric Tools—			
– Part 2-1: Particular Requirements for Drills and Impact Drills	C22.2 No. 60745-2-1	ns	40
– Part 2-2: Particular Requirements for Screwdrivers and Impact Wrenches	C22.2 No. 60745-2-2	ns	40
– Part 2-4: Particular Requirements for Sanders and Polishers Other Than Disk Type	C22.2 No. 60745-2-4	ns	40
– Part 2-5: Particular Requirements for Circular Saws and Circular Knives	C22.2 No. 60745-2-5	ns	40
– Part 2-6: Particular Requirements for Hammers	C22.2 No. 60745-2-6	ns	40
– Part 2-8: Particular Requirements for Shears and Nibblers	C22.2 No. 60745-2-8	ns	40

**Status of CSA Standards Projects (cont'd)**

SUBJECT	NUMBER	TYPE	STAGE
Consumer and Commercial Products (cont'd)			
– Part 2-9: Particular Requirements for Tappers	C22.2 No. 60745-2-9	ns	40
– Part 2-11: Particular Requirements for Reciprocating Saws	C22.2 No. 60745-2-11	ns	40
– Part 2-14: Particular Requirements for Planers	C22.2 No. 60745-2-14	ns	40
– Part 2-17: Particular Requirements for Routers and Trimmers	C22.2 No. 60745-2-17	ns	40
Lamp Control Gear–Part 1: General and Safety Requirements	E61347-1	ns	40
Lamp Control Gear–Part 2-3: Particular Requirements for AC Supplied Electronic Ballasts for Fluorescent Lamps	E61347-2-3	ns	40
Electrical Engineering			
Single-Phase and Three-Phase Distribution Transformers, Types ONAN and LNaN	C2	ne	50
Pole-Mounted, Single-Phase, Distribution Transformers for Electric Utilities	C2.2	ns	50
Dry-type Transformers	C9	ne	60
Three-Phase Network Transformers	C199	ne	40
Three-phase, Live-front Pad-mounted Distribution Transformers	C227.2	ne	40
Low-Profile, Single-Phase, Pad-mounted Distribution Transformer with Separable Insulated High-Voltage Connectors	C227.3	ne	50
Three-Phase, Pad-mounted Distribution Transformers with Separable Insulated Connectors	C227.4	ne	50
Single-Phase, Submersible Distribution Transformers, Type ONAN	C301.1	ne	50
Three-Phase, Submersible Distribution Transformers, Type ONAN	C301.2	ne	50
Shunt Capacitors for AC Power Systems having a Rated Voltage above 660 V–Part 1: General Performance, Testing and Rating, Safety Requirements–Guide for Installation and Operation	C871-1	ne	40
Shunt Capacitors for AC Power Systems having a Rated Voltage Above 660 V–Part 2: Endurance Testing	C871-2	ne	40
Aluminum-Magnesium-Silicon Alloy Wire for Overhead Line Conductors	IEC 60104	ns	40
Zinc-coated Steel Wires for Overhead Line Conductors	IEC 60888	ns	40
Hard-drawn Aluminum Wire for Overhead Line Conductors	IEC 60889	ns	40
Round Wire Concentric Lay Overhead Electrical Stranded Conductors	IEC 61089	ns	40
Aluminum-clad Steel Wires for Electrical Purposes	IEC 61232	ns	40
Electromagnetic Compatibility			
Information Technology Equipment–Radio Disturbance Characteristics–Limits and Methods of Measurement	CISPR 22	ne	60



Certification and Testing (CSA International)

Informs Notices (Bulletins from CSA Certification and Testing)

Date	Subject	Title
December 31, 2001	Publication of CSA standard C22.2 No. 0.17-00, Second Edition, <i>Evaluation of Properties of Polymeric Materials</i> .	Component Acceptance Service No. 35
August 16, 2002	Publication of Update No. 3 (Amendment No. 2) to CSA standard CAN/CSA-C22.2 No. 60950-00, Third Edition, <i>Safety of Information Technology Equipment</i> . (Supersedes CSA Informs <i>Information Technology and Electrical Business Equipment No. 9</i> .)	Information Technology and Electrical Business Equipment No. 10
August 26, 2002	Publication of Technical Information Letter (TIL) No. J-32 covering interim certification requirements for silicone-insulated type R90, 600 V wire and cable.	Wire and Cable No. 99

Certification Notices

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

Effective Date	Subject	Title
▶ January 1, 2003	Reminder of the Effective Date for CSA standard CAN/CSA-C22.2 No. 1010.1-92, <i>Safety Requirements for Electrical Equipment for Measurement, Control and Laboratory Use, Part 1: General Requirements</i> . (Supersedes Informs <i>Measurement, Control and Laboratory Equipment No. 3</i> .)	Measurement, Control and Laboratory Equipment No. 3A
November 7, 2003	Publication of the third edition of CSA standard C22.2 No. 104-01, <i>Humidifiers</i> . (Supersedes Certification Notice <i>Humidifiers No. 1</i> .)	Humidifiers No. 2
▶ September 30, 2004	Publication of the third edition of CSA standard C22.2 No. 107.1-01: <i>General Use Power Supplies</i> . (Supersedes Certification Notice <i>Power Supplies No. 4</i> .) (Note: The effective date is immediately for certain types specified in the notice.)	Power Supplies No. 18
▶ July 1, 2004	Publication of Technical Information Letter No. I-39. This TIL covers interim certification requirements. These requirements will be incorporated into the next edition of C22.2 No. 1.	Audio and Video Equipment No. 15



Completed Projects / Projets terminés

New Standards – New Editions – Special Publications

C743-02, 2nd edition

Performance Standard for Rating Packaged Water Chillers \$50

This standard applies to factory-designed and prefabricated vapour-compression chillers, including one or more hermetic or external drive compressors. The compressor types include centrifugal, screw, scroll, reciprocating, or other types, and the condenser types include water-cooled and air-cooled/evaporatively cooled types, or the package can be supplied without a condenser. Also, air- or water-cooled heat reclaim condensers can be supplied.

This standard applies to the following:

- (a) factory-designed and prefabricated water-cooled absorption chiller/heater units;
- (b) single-effect indirect-fired by steam or hot water; and
- (c) double-effect, both indirect-fired by steam or hot water and direct-fired by oil, natural gas, or LP gas; water is the refrigerant and lithium bromide is the absorbent.

This standard does not apply to absorption chiller/heater units with air-cooled condensers, nor does it apply to applications employing heat pumping or exhaust gas firing.

Nouvelles normes – Nouvelles éditions – Publications spéciales

B211-00, 2^e édition

Rendement énergétique des chauffe-eau au mazout à accumulation 50 \$

Cette norme décrit la méthode à utiliser pour déterminer le coefficient de consommation énergétique des chauffe-eau au mazout à accumulation.

La norme établit les niveaux minimaux de rendement énergétique des chauffe-eau au mazout à accumulation.

Cette norme s'applique aux chauffe-eau au mazout à accumulation dont l'alimentation en mazout est d'au plus 107 000 kJ/h ou 30,5 kW (0,75 GPH US) et dont la capacité maximale d'eau chaude est de 190 L (50 gal US).

B214-01, 1^{re} édition

Code d'installation des systèmes de chauffage hydronique 75 \$

Ce code énonce les exigences relatives à l'installation ou à la modification des systèmes de chauffage hydronique, notamment : les chaudières, les pompes de circulation, les vases d'expansion, les tuyaux de distribution et les tuyaux des panneaux rayonnants ou radiants, la tuyauterie, la raccorderie, la robinetterie, les contrôles de système, le chauffage hydronique des locaux, le chauffage par rayonnement, le chauffage de l'eau chaude domestique, et le chauffage complémentaire.



Nouvelles normes – Nouvelles éditions – Publications spéciales (suite)

B214-01 (suite)

Ce code traite de la sélection des composants, du dimensionnement, du matériel admissible pour tous les types de combustibles, de l'installation, de la corrosion, des essais, de l'inspection et du nettoyage.

Le code traite également des systèmes de chauffage hydronique des locaux, y compris des panneaux de chauffage par convection et par rayonnement, du chauffage de l'eau chaude domestique, des systèmes de chauffage complémentaire pour les piscines et les cuves thermales, et pour les surfaces à ciel ouvert.

B365-01, 6^e édition

Code d'installation des appareils à combustibles solides et du matériel connexe 95 \$

Cette norme énonce des exigences ayant trait à l'installation, à la modification et à l'entretien des appareils à combustibles solides et du matériel connexe, destinés à chauffer l'air ou l'eau ou à la cuisson.

Aux fins de cette norme, on entend par appareils à combustibles solides : les générateurs d'air chaud, les chaudières, les poêles, les cuisinières, les radiateurs, foyers préfabriqués, et les chauffe-eau domestiques.

Aux fins de cette norme, le terme « combustibles solides » englobe le charbon et les combustibles tirés de la biomasse tels que : le bois de corde, les copeaux, la sciure, les billes de tourbe, les boulettes de bois et de biocombustibles, et le maïs en grains.

C813.1-01, 1^{re} édition

Méthode de mesure des performances des onduleurs 45 \$

Cette norme énonce la méthode à utiliser pour mesurer les caractéristiques électriques des onduleurs. Elle vise les types généraux de systèmes d'onduleur suivants :

- hors ligne
- en ligne
- interactifs

Les systèmes d'onduleur devant être évalués peuvent être utilisés avec n'importe quel type de charge linéaire ou non linéaire.

Cette norme décrit les essais à exécuter pour déterminer l'efficacité énergétique et le niveau d'harmoniques des onduleurs. Le rendement et le niveau d'harmoniques sont déterminés directement à partir des mesures de tension et de courant d'entrée et de sortie, permettant ainsi d'avoir une évaluation rapide et précise des caractéristiques du matériel.

Cette norme décrit la méthode à utiliser pour mesurer et consigner le contenu de distorsion harmonique totale.

La méthode de mesure décrite permet d'évaluer avec précision les caractéristiques en pleine charge ou en charge partielle.

Nouvelles normes – Nouvelles éditions – Publications spéciales (suite)

C860-01, 2^e édition

Performances des enseignes de sortie à éclairage interne 80 \$

Cette norme définit les exigences relatives aux performances et les méthodes d'essai des enseignes de sortie à éclairage interne, aux fins d'évaluation de leur visibilité, de leur lisibilité et de leur consommation d'énergie. Les exigences de visibilité sont basées sur l'hypothèse d'une acuité visuelle normale et d'une perception normale des couleurs dans un air limpide à une distance d'au plus 30,5 m (100 pi).

Cette norme ne s'applique pas aux enseignes de sortie clignotantes.

Amendments

CAN/CSA-B836-00

Storage, Handling, and Dispensing of Aviation Fuels at Aerodromes

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

CAN/CSA-C373-92 (R2002)

Energy Consumption Test Methods for Household Dishwashers

Revision of Clauses 2.1, 2.2, 3.1, 3.2.2, 3.3, 3.4.1, 3.4.2.2, 3.5, 3.6.2, 4.1, 4.2, 5.1, 5.3, 7.4, and 8.1.

Z245.12-01

Steel Flanges

Revision of Tables 6 to 11.

Modifications publiées en français

CAN/CSA-B836-00

Entreposage, manutention et distribution des carburants d'aviation dans les aérodomes

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

Reaffirmed Standards

B306-M1977 (R2002)

Portable Fuel Tanks for Marine Use

CAN/CSA-B366.1-M91 (R2002)

Solid-Fuel-Fired Central Heating Appliances

CAN/CSA-C654-M91 (R2002)

Fluorescent Lamp Ballast Efficacy Measurements



Under Development

Notice of Intent

For more information about the proposed development of the following new edition, contact Sudi Kalra at 416-747-2794 or sudi.kalra@csa.ca:

- **Z662.1, 2nd edition**
Commentary on CSA Standard Z662-99, “Oil and Gas Pipeline Systems”

Status of CSA Standards Projects

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

STAGE:

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- 60 Publication** – The final edit is being conducted, and the approved publication will be available for sale within 2-3 months.
- H Hold** – The project is on hold.
- C Cancelled** – The project has been cancelled. It will be removed from the next status report.

SUBJECT	NUMBER	TYPE	STAGE
Performance, Energy Efficiency, and Renewables			
Energy Consumption Test Methods for Household Electric Ranges	C358	ne	50
Energy Performance, Water Consumption, and Capacity of Automatic Household Clothes Washers	C360	ne	40
Test Method for Measuring Energy Consumption and Drum Volume of Electrically Heated Household Tumble-Type Clothes Dryers	C361	ne	H
Energy Efficient Test Methods for Three-Phase Induction Motors	C390	ne	30
Performance Standard for Roadway Lighting Luminaires	C653	ne	40
Energy Performance Standard for Commercial Refrigerated Display Cabinets and Merchandisers	C657	ne	40
Standard for Packaged Terminal Air Conditioners and Heat Pumps	C744	ne	40
Energy Efficiency for Single- and Three-phase Small Motors	C747	ne	H
Performance of Ballast for Use With High Intensity Discharge Lamps	C863	ns	30

Status of CSA Standards Projects (cont'd)

SUBJECT	NUMBER	TYPE	STAGE
Performance, Energy Efficiency, and Renewables (cont'd)			
Residential Mechanical Ventilation Systems	F326	ne	30
Solar Domestic Hot Water Systems	F379.1	ne	30
Fire Safety and Fuel Burning Equipment			
Installation Code for Oil Burning Equipment	B139	ne	40
General Requirements for Oil Burning Equipment	B140.0	ne	60
Oil Fired Furnaces	B140.4	ne	30
Oil Fired Steam and Hot Water Boilers for Residential Use	B140.7.1	ne	20
Oil Fired Warm Air Heating Appliances for Mobile Housing and Recreational Vehicles	B140.10	ne	20
Oil-Fired Service Water Heaters and Swimming Pool Heaters	B140.12	ne	60
Mechanical Flue-Gas Exhausters	B255	ne	30
Nuclear			
General Requirements for Pressure-Retaining Systems and Components in CANDU Nuclear Power Plants	N285.0	ne	50
Periodic Inspection of CANDU Nuclear Power Plant Components	N285.4	ne	40
Material Standards for Reactor Components for CANDU Nuclear Power Plants (This series consists of N285.6.1–N285.6.11.)	N285.6 Series	ne	40
Technical Requirements for In-Service Evaluation of Zirconium Alloy Pressure Tubes in CANDU Reactors	N285.8	ns	50
Management System Requirements for Nuclear Power Plants	N286.0	ne	50
Requirements for Environmental Qualification of Equipment for CANDU Nuclear Power Plants	N290.13	ns	50
Fire Protection for CANDU Nuclear Power Plants	N293	ne	H
Oil & Gas Industry Systems			
Steel Line Pipe	Z245.1	ne	60
External Fusion Bond Epoxy Coating for Steel Pipe	Z245.20	ne	60
External Polyethylene Coating for Pipe	Z245.21	ne	60
Storage of Hydrocarbons in Underground Formations (series)—			
– Reservoirs	Z341.1	ns	60
– Salt Caverns	Z341.2	ns	60
– Mined Caverns	Z341.3	ns	60
Oil and Gas Pipeline Systems	Z662	ne	50



Completed Projects / Projets terminés

New Standards – New Editions – Special Publications

PLUS 1157, 1st edition

Guide to the Implementation of an EMS for the Primary Agriculture Sector

Based on ISO 14001 \$60

This guide provides assistance to primary agriculture producers for the development and implementation of an environmental management system (EMS) based on ISO 14001. Although this guide attempts to be as comprehensive as possible, ISO 14001 and 14004 should also be consulted.

Nouvelles normes – Nouvelles éditions – Publications spéciales

PLUS 1138, 1^{re} édition

Liste de pointage intégrée pour systèmes de gestion de la qualité et systèmes de gestion

de l'environnement 35 \$

Ce document présente des questions préparées à partir des normes ISO 9001, ISO 9002 et ISO 14001 et des extraits de normes et lignes directrices connexes. Cette liste de pointage s'adresse à toutes les entreprises qui souhaitent revoir, en une seule opération, leurs méthodes de gestion de la qualité et de l'environnement.

Z768-01, 2^e édition

Évaluation environnementale de site, phase I 65 \$

Cette norme énonce les principes et les pratiques applicables à la phase I d'une évaluation environnementale de site. Elle est conçue pour offrir un cadre cohérent et établir les modalités minimales d'exécution d'une ÉES, phase I, susceptible de satisfaire à des exigences réglementaires et à des obligations plus vastes, ainsi qu'à répondre aux exigences propres au site. Ce cadre sous-entend la préparation et la réalisation d'une enquête ainsi que l'interprétation et l'établissement de rapports à l'égard de l'information recueillie. Cette norme constitue un préalable à la norme CSA Z769.

Reaffirmed Standards

CAN/CSA-ISO-GUIDE 64-98 (R2002)

Guide for the Inclusion of Environmental Aspects in Product Standards

Z764-96 (R2002)

A Guide to Public Involvement



Under Development

Drafts for Public Review

Please note: Public comments about the draft standards, proposed amendments, proposed adoptions and proposed endorsements listed in this issue are due by January 6, 2003.

Proposed Amendments

To receive copies of the following proposed amendments, or to offer comments, contact David Zimmerman at 416-747-2479 or david.zimmerman@csa.ca:

- **Z768-01**
Phase I Environmental Site Assessment
Proposed revision of various clauses.
- **Z769-00**
Phase II Environmental Site Assessment
Proposed revision of various clauses.

Status of CSA Standards Projects

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SUBJECT	NUMBER	TYPE	STAGE
Environmental Technology			
Pure Tone Air Conduction Audiometers for Hearing Conservation and Screening	Z107.4	ne	30
Pure Tone Air Conduction Threshold Audiometry for Hearing Conservation	Z107.6	ne	30
Measurement of Ground-Borne Vibration from Transportation Sources	Z107.40	ns	H

Status of CSA Standards Projects (cont'd)

SUBJECT	NUMBER	TYPE	STAGE
Environmental Technology (cont'd)			
Equipment Noise Measurement	Z107.51	ne	20
Recommended Practice for the Prediction of Sound Pressure Levels in Large Rooms Containing Sound Sources	Z107.52	ne	20
Procedure for Performing a Survey of Sound Due to Industrial, Institutional, or Commercial Activities	Z107.53	ne	30
Measurement of Sound and Vibration Due to Blasting Operations	Z107.54	ne	H
Recommended Practice for the Prediction of Sound Levels Received at a Distance from an Industrial Plant	Z107.55	ne	20
Procedures for the Measurement of Occupational Noise Exposure	Z107.56	ne	30
Noise Emission Declarations	Z107.58	ns	60
Environmental Management Systems			
Environmental Terminology for Canadian Business–Environmental Technology	PLUS 1109	spec	60
The SFM Essentials	PLUS 1136	spec	H
Protocol for Verification of the Environmental Performance Agreement between Environment Canada and the Automotive Parts Manufacturers' Association	PLUS 1165	spec	40
Environmental Management–Life Cycle Assessment—			
– Examples for the Application of ISO 14042	ISO 14047	ns	40
– Data Documentation Format	ISO 14048	ns	50
Design for the Environment	ISO 14062	ns	40
Guidelines on Quality and/or Environmental Managing Systems Auditing	ISO 19011	ns	50
Emergency Planning for Industry	Z731	ne	40
Definition of Household Hazardous Waste (HHW)	Z752	ns	40
Guideline for Environmental Assessment	Z770	ns	H
Environmental Management System for Hog Operations: Requirements Standard	Z771	ns	40
Environmental Management System Standard for Hog Operations: Implementation Guidance	Z772	ns	40
Environmental Compliance Auditing	Z773	ns	40
Sustainable Forest Management Requirements	Z809	ne	50



Completed Projects / Projets terminés

New Standards – New Editions – Special Publications

ANSI Z21.75-2001/CSA 6.27-2001, 1st edition

Connectors for Outdoor Gas Appliances and Manufactured Homes..... \$395

This standard details test and examination criteria for connectors suitable for non-rigid connection of outdoor gas appliances not frequently moved after installation, or manufactured (mobile) homes to gas supply lines containing natural, manufactured, mixed and liquefied petroleum (LP) gases and LP gas-air mixtures at pressures not in excess of 1/2 psi (3.5 kPa). These connectors shall have a nominal length of not less than 1 foot nor more than 6 feet.

CSA 6.18-02, 3rd edition

Service Regulators for Natural Gas..... \$140

These provisions apply to the construction, materials, performance, and testing of NPS 1-1/4 in and smaller self-acting service-type regulators with internal relief valves or overpressure cut-off (OPCO)* devices, or both, utilized to control the pressure of gas delivered to a customer’s piping at a delivery pressure of 5 to 9 in water column (1.24 to 2.24 kPa), for installations designed for capacities up to 250 SCFH (7.1 m³/h).

* Overpressure cut-off (OPCO) devices are also referred to as overpressure shut-off (OPSO) devices.

Nouvelles normes – Nouvelles éditions – Publications spéciales

B109-01, 1^{re} édition

Code d’installation du gaz naturel pour les véhicules 135 \$

Ce code vise l’installation, l’entretien et la réparation des systèmes d’alimentation en gaz naturel des véhicules automoteurs utilisant le gaz pour leur propulsion.

Amendments

ANSI Z21.75A-2001/CSA 6.27A-2001

Addenda A to “Connectors for Outdoor Gas Appliances and Manufactured Homes” \$75

This document provides revisions to ANSI Z21.75-2001/CSA 6.27-2001.



Under Development

Drafts for Public Review

The Gas Equipment draft material sent for review consists only of pages being revised from the previous draft or edition; that is, the review material usually does not include a copy of the entire standard.

Please note: Public comments about draft standards, proposed amendments, proposed adoptions and proposed endorsements listed in this section are due by January 6, 2003.

Draft Standards

To receive copies of the following, or to offer comments, contact Tony Joseph at 416-747-4035 or tony.joseph@csa.ca:

- **ANSI Z83.4/CSA 3.7, 2nd edition**
Non-Recirculating Direct Gas-Fired Industrial Air Heaters

Proposed Amendments

To receive copies of the following proposed amendments, or to offer comments, contact Tony Joseph at 416-747-4035 or tony.joseph@csa.ca:

- **ANSI Z21.5.2-2001/CSA 7.2-2001, proposed addenda “b”**
Gas Clothes Dryers—Volume II—Type 2 Clothes Dryers
- **ANSI Z83.8-2002/CSA 2.6-2002, proposed addenda “a”**
Gas Unit Heaters and Gas-Fired Duct Furnaces

Status of CSA Standards Projects

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Status of CSA Standards Projects (cont'd)

SUBJECT	NUMBER	TYPE	STAGE
Food Processing and Food Refrigeration			
Household Cooking Gas Appliances	1.1	ne	40
Outdoor Cooking Gas Appliances	1.6	ne	40
Accessories			
Line Pressure Regulators	6.22	ne	50
Natural Gas and Propane Vehicle Fuel Systems and Industrial Engines			
Non-Recirculating Direct Gas-Fired Industrial Air Heaters	3.7	ne	40
Standard for Automatic Pressure Operated Valves for Natural Gas Dispensing	12.57/ANSI NGV 4.7	ns	50
Portable Type Camping Equipment			
Portable Type Gas Camp Heaters	11.3	ne	40
Catalytic Camp Heaters	11.5	ne	40



Completed Projects / Projets terminés

New Standards – New Editions – Special Publications

B339-02, 4th edition

Cylinders, Spheres, and Tubes for the Transportation of Dangerous Goods \$95

This standard provides requirements for the manufacturing, inspection, testing, marking, requalification, reheat treatment, repair, and rebuilding of cylinders, spheres, and tubes (containers) for the transportation of dangerous goods. In addition, it includes the requirements for the qualification of new designs and registration requirements.

This standard also covers the general requirements for containers and specific requirements, as specifications, for the manufacture of each type of container.

B340-02, 4th edition

Selection and Use of Cylinders, Spheres, Tubes, and Other Containers for the Transportation of Dangerous Goods, Class 2..... \$75

This standard covers safety requirements for the selection and use of cylinders, spheres, tubes, and other containers for the transportation of dangerous goods, Class 2.

In addition, this standard covers requirements for the handling and filling of cylinders, spheres, tubes, and other containers for the transportation of dangerous goods, Class 2.

D435-02, 1st edition

Accessible Transit Buses..... \$60

This standard provides requirements for accessible transit buses, that is, motor vehicles with a gross vehicle weight rating (GVWR) of 7000 kg (15 400 lb) or greater, designed and manufactured to provide an urban or suburban transit service for the primary use of ambulatory passengers, but with provision for the needs of persons using mobility aids. Such buses have a fare collection system and do not provide for underfloor luggage. These vehicles may be equipped with a lift or a ramp, or be capable of kneeling.

This standard sets forth the minimum features necessary to minimize the risk of occupant injury during the boarding, transportation, and alighting phases of a transit trip taken on an accessible transit bus.

This standard incorporates the principle of current minimum requirements in recognition of

- (a) the masses and average operating speeds (generally less than 30 km/h) of the vehicles covered by this document;
- (b) the need to preserve the fluidity of passenger boarding and alighting in the public transit context;
- (c) the importance of continuing the widespread acquisition of accessible transit buses;
- (d) the need to further enhance mobility options for persons with mobility impairments;
- (e) the many responsibilities of the vehicle operator; and
- (f) the safety record and history of transit vehicles.



New Standards – New Editions – Special Publications (cont'd)

Z94.4-02, 3rd edition

Selection, Use, and Care of Respirators..... \$75

This standard sets out requirements for the proper selection, use, and care of respirators and for the administration of an effective respiratory protection program in the workplace.

This standard is not intended to address the selection of respirators for use against infectious agents and nuclear biological chemical (NBC) agents, although it does apply to all other aspects of the respirator program for these agents.

This standard is not intended to address the following:

- underwater breathing devices
- aircraft oxygen systems
- inhalators and resuscitators

Z611-02, 2nd edition

Riot Helmets and Faceshield Protection..... \$65

This standard applies to helmets and faceshields intended to provide protection to the heads and faces of law correctional officers and enforcement personnel from blows with blunt objects (e.g., rocks, stones, glass bottles, pipes, baseball bats, and wooden planks) during riots, inmate control situations, and in any other situations in which there is a threat of violent attack to the head and face. Protection from chemical burns resulting from caustic materials splashed on the face and head is also covered.

Communications systems and respirators, often associated with riot helmets, are not addressed in this standard.

All protective equipment covered by this standard consists of two parts:

- (a) a helmet or shell with a nape (rear neck) guard for protection of the head and neck; and
- (b) a visor with a visor-mounting for protection of the face.

Nouvelles normes – Nouvelles éditions – Publications spéciales

B354.2-01, 2^e édition

Plates-formes de travail élévatrices automotrices..... 60 \$

Cette norme s'applique aux plates-formes de travail élévatrices à châssis intégré dont la plate-forme ne peut pas être déployée au-delà de la base, utilisées pour mettre en position, à un poste de travail, le personnel, l'outillage et les matériaux nécessaires. Les plates-formes de travail élévatrices automotrices (plates-formes élévatrices) sont actionnées par moteur et les fonctions principales, y compris le déplacement, sont commandées à partir de la plate-forme.

Cette norme s'applique aussi aux plates-formes élévatrices conçues pour utilisation sur des surfaces fermes ou non compactées.

Nouvelles normes – Nouvelles éditions – Publications spéciales (suite)

Z32-99, 1^{re} édition

Sécurité en matière d'électricité et réseaux électriques essentiels des établissements de soins de santé..... 135 \$

Cette norme vise :

- a) la sécurité électricité associée aux soins de santé ;
- b) les installations électriques des bâtiments des établissements de soins de santé ;
- c) les réseaux électriques essentiels des établissements de soins de santé.

Cette norme ne s'applique pas aux installations vétérinaires ; toutefois, les mêmes principes de sécurité en matière d'électricité pourraient être utiles au moment de la conception, de la construction et de l'exploitation de telles installations.

Z94.3.1-02, 1^{re} édition

Lunettes de protection: guide de l'utilisateur 15 \$

Une étude menée récemment a démontré que dans trois cas sur cinq des travailleurs ayant subi des blessures aux yeux ne portaient pas de protecteur oculaire. De plus, la moitié des travailleurs qui portaient des lunettes de protection ne portaient pas le protecteur approprié.

Z262.6-02, 1^{re} édition

Spécifications relatives aux fausses têtes présentant des traits du visage..... 60 \$

Cette norme énonce les exigences relatives aux dimensions et aux matériaux des fausses têtes présentant des traits du visage et devant servir à la mise à l'essai de l'équipement de protection des yeux et du visage complet, en particulier la protection contre les chocs.

Z314.9-01, 2^e édition

Installation et ventilation des stérilisateur à l'oxyde d'éthylène dans les établissements de santé..... 75 \$

Cette norme vise à aider les établissements de santé qui utilisent l'oxyde d'éthylène comme agent de stérilisation, installent un nouveau matériel de stérilisation à l'oxyde d'éthylène ou modifient le matériel existant à assurer la conformité aux exigences gouvernementales régissant l'exposition à l'oxyde d'éthylène et la sécurité des travailleurs.

Cette norme traite des questions de base associées à l'utilisation ou au fonctionnement en toute sécurité des stérilisateur à l'oxyde d'éthylène. Elle ne traite pas des questions de sécurité spécifiques à certains modèles ou établissements de santé.

Cette norme énonce des critères de conception relatifs à l'installation et à la ventilation ainsi que des exigences de performance visant les aires de stérilisation à l'oxyde d'éthylène, les aires d'aération et les aires de manutention et de stockage des contenants.

Amendments

CAN/CSA-B619-00

Carrier Safety Management Systems

Revision of the outside and inside front cover, the title page and Clause 1.3.



Amendments (cont'd)

CAN/CSA-B651.1-01

Barrier-Free Design for Automated Banking Machines

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

CAN/CSA-Z314.3-01

Effective Sterilization in Health Care Facilities by the Steam Process

Revision of the outside and inside front cover, the title page, Clause 1.4, and Figure D1.
Addition of Clause 1.5.

CAN/CSA-Z364.1.3-98

Reuse of Haemodialysers

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

Modifications publiées en français

CAN/CSA-B619-00

Systèmes de gestion de la sécurité des transporteurs

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

CAN/CSA-B651.1-01

Règles de conception pour l'accessibilité des guichets automatiques bancaires

Des modifications ont été apportées à la première de couverture, à la deuxième de couverture, à la page titre et à la troisième de couverture.

CAN/CSA-Z76.1-99

Emballages de sécurité réutilisables pour enfants

Des modifications ont été apportées à la table des matières et aux articles 1.3, 5.2, 5.3, 8.1.2 et 9.2.

CAN/CSA-Z314.3-01

Sterilisation effective à la vapeur dans les établissements de santé

Des modifications ont été apportées à la première de couverture, à la deuxième de couverture, à la page titre, à l'article 1.4 et à la figure D1. L'article 1.5 a été ajouté.

CAN/CSA-Z364.1.3-98

Réutilisation des hémodialyseurs

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

Reaffirmed Standards

CAN/CSA-M11850-98 (R2002)

Machinery for Forestry—Self-Propelled Machinery—Safety

CAN/CSA-Z262.1-M90 (R2002)

Ice Hockey Helmets

CAN/CSA-Z262.2-M90 (R2002)

Face Protectors and Visors for Ice Hockey Players

Withdrawn Standards

Z168.13-97 (R2001)

Gas-Specific Connections: Ancillary Devices for Medical Air

CAN/CSA-Z433-M92 (R1997)

Portable Gas Monitors

Under Development

Notice of Intent

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

- **PLUS 15189, 1st edition**

The 15189 Essentials: A Practical Handbook for Implementing the ISO 15189 Standard in Medical Laboratories

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

- **Z62.3, 3rd edition**

Chain Saw Kickback

- **Z275.5, 1st edition**

Diver Training Program Assessment

For more information about the proposed development of the following new project, contact Jeffrey Kraegel at 416-747-2249 or jeffrey.kraegel@csa.ca:

- **Z314.22, 1st edition**

Loaned and Shared Medical Instrumentation and Accompanying Devices



Drafts for Public Review

Please note: Public comments about the draft standards, proposed amendments, proposed adoptions and proposed endorsements listed in this issue are due by January 6, 2003.

Draft Standards

To receive copies of the following draft standards, or to offer comments, contact Kevin MacKenzie at 416-747-2496 or kevin.mackenzie@csa.ca:

- **Z262.1, 5th edition**
Ice Hockey Helmets
- **Z262.2, 4th edition**
Face Protectors and Visors for Ice Hockey Players

To receive copies of the following draft standard, or to offer comments, contact Mike Dodd at 416-747-2322 or mike.dodd@csa.ca:

- **Z314.7, 4th edition**
Steam Sterilizers for Use in Health Care Facilities

To receive copies of the following draft standard, or to offer comments, contact Dave Shanahan at 416-747-2586 or dave.shanahan@csa.ca:

- **Z432, 2nd edition**
Machinery Safeguarding Standard

To receive copies of the following draft standard, or to offer comments, contact Jeffrey Kraegel at 416-747-2249 or jeffrey.kraegel@csa.ca:

- **Z902, 1st edition**
Safety of Blood and Blood Components

Proposed Amendments

To receive copies of the following proposed amendments, or to offer comments, contact Diane Palm at 416-747-2250 or diane.palm@csa.ca:

- **B44-00**
Safety Code for Elevators
Proposed revision of various clauses.
- **B651.1-01**
Barrier-Free Design for Automated Banking Machines
Proposed revision of various clauses.

Drafts for Public Review (cont'd)

Proposed Adoptions

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

- **ISO 15189**
Medical Laboratories—Particular Requirements for Quality and Competence

Status of CSA Standards Projects

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

STAGE:

- 00 Definition of a new project** – A request has been received for the development of a new project and discussions have been initiated.
- 10 Evaluation of project proposal** – The project is under initial evaluation and the public has been notified of the intent to proceed.
- 20 Preparatory** – A working draft is being prepared and a project schedule is being established.
- 30 Committee consensus building** – The technical committee, or technical subcommittee, is developing the draft.
- 40 Enquiry** – The draft is being offered for public review and comment, and is undergoing an internal quality review.
- 50 Approval** – The publication is being processed for formal letter ballot, or recorded vote, approval. A second-level review is being conducted to verify that procedures were followed.
- 60 Publication** – The final edit is being conducted, and the approved publication will be available for sale within 2-3 months.
- H Hold** – The project is on hold.
- C Cancelled** – The project has been cancelled. It will be removed from the next status report.

SUBJECT	NUMBER	TYPE	STAGE
Health Care Technology			
Risk Management Essentials: A Practical Handbook for Implementing ISO 14971 for Medical Device Manufacturers Medical Electrical Equipment—	PLUS 14971	spec	30
– Part 2-12: Particular Requirements for the Safety of Lung Ventilators—Critical Care Ventilators	C22.2 No. 60601-2-12	ne	50
– Part 2-13: Particular Requirements for the Safety of Anaesthetic Workstations	C22.2 No. 60601-2-13	ne	60
– Part 2-29: Particular Requirements for the Safety of Radiotherapy Simulators	C22.2 No. 60601-2-29	ne	60
– Part 2-39: Particular Requirements for the Safety of Peritoneal Dialysis Equipment	C22.2 No. 60601-2-39	ns	60
– Part 2-41: Particular Requirements for the Safety of Surgical Luminaires and Luminaires for Diagnosis	C22.2 No. 60601-2-41	ns	60
– Part 2-45: Particular Requirements for the Safety of Mammographic X-ray Equipment and Mammographic Stereotactic Devices	C22.2 No. 60601-2-45	ne	60
Application of Auditory and Visual Medical Devices	ISO 9703-3	ns	40

**Status of CSA Standards Projects (cont'd)**

SUBJECT	NUMBER	TYPE	STAGE
Health Care Technology (cont'd)			
Biological Evaluation of Medical Devices—			
– Part 4: In Vitro Methods for Tests for Cytotoxicity	ISO 10993-4	ne	10
– Part 10: Tests for Irritation and Delayed-Type Hypersensitivity	ISO 10993-10	ne	10
– Part 15: Identification and Quantification of Degradation Products from Metals and Alloys	ISO 10993-15	ns	H
– Part 17: Establishment of Permissible Limits for Sterilization and Process Residues Using Health-Based Risk Assessment	ISO 10993-17	ns	10
– Part 18: Characterization of Materials	ISO 10993-18	ns	10
Medical Laboratories—Particular Requirements for Quality and Competence	ISO 15189	ns	40
Sterilization of Health Care Products—Chemical Indicators—Guidance for Selection, Use and Interpretation of Results	ISO 15882	ns	40
Metered Dose Inhaler Spacer Device	Z264.1	ns	60
Medical Supply Units	Z305.8	ns	60
Steam Sterilizers for Use in Health Care Facilities	Z314.7	ne	40
Selection, Use, Maintenance, and Laundering of Reusable Textile Wrappers, Surgical Gowns, and Drapes for Health Facilities	Z314.10	ne	40
Selection and Use of Rigid Sterilization Containers	Z314.14	ne	10
Warehousing, Storage and Transportation of Clean and Sterile Medical Devices	Z314.15	ns	40
Loaned and Shared Medical Instrumentation and Accompanying Devices	Z314.22	ns	10
Fume Hoods and Associated Exhaust Systems	Z316.5	ne	10
Evaluation of Single Use Medical Sharps' Containers for Biohazardous and Cytotoxic Waste	Z316.6	ne	50
Infection Control During Construction/Renovation of Health Care Facilities	Z317.13	ns	40
Commissioning of Health Care Facilities	Z318	ne	10
Water Treatment Equipment and Water Quality Requirements for Haemodialysis	Z364.2.2	ne	40
Transportable Mobility Aids	Z604	ne	60
Mobility Aid Securement and Occupant Restraint Systems	Z605	ne	60
Safety of Cells, Tissues and Organs for Transplantation and Assisted Reproduction	Z900.1	ns	60
Safety of Reproductive Tissues for Assisted Reproduction	Z900.2.1	ns	40
Safety of Tissues for Transplantation	Z900.2.2	ns	40
Safety of Perfusable Organs for Transplantation	Z900.2.3	ns	40
Safety of Ocular Tissues for Transplantation	Z900.2.4	ns	40
Safety of Lymphohematopoietic Cells for Transplantation	Z900.2.5	ns	40
Safety of Blood and Blood Components	Z902	ns	40
Low-pressure Hose Assemblies for Use With Medical Gases	Z5359	ne	40
Tracheal Tubes	Z5361	ne	40
Nonflammable Medical Gas Pipeline Systems—Part 1: Pipelines for Compressed Medical Gases and Vacuum	Z7396.1	ns	30

Status of CSA Standards Projects (cont'd)

SUBJECT	NUMBER	TYPE	STAGE
Health Care Technology (cont'd)			
Sterilization of Health Care Products—Biological Indicators— Guidance for the Selection, Use, and Interpretation of Results	Z14161	ns	40
Mechanical Industrial Equipment			
Elevator and Escalator Electrical Equipment	B44.1	ne	50
Boiler, Pressure Vessel, and Pressure Piping Code	B51	ne	60
Highway Tanks and Portable Tanks for the Transportation of Dangerous Goods	B620	ne	40
Selection and Use of Highway Tanks, Portable Tanks, Cargo Compartments and Containers for the Transportation of Dangerous Goods, Classes 3, 4, 5, 6, 8, and 9	B621	ne	40
Selection and Use of Highway Tanks, Multi-Unit Tank Car Tanks, and Portable Tanks for the Transportation of Dangerous Goods, Class 2	B622	ne	40
Community and Personal Issues			
Barrier-Free Design	B651	ne	30
Barrier-Free Design for Dispensing Machines	B651.2	ns	10
Accessible Over-the-road Buses	D436	ns	60
Ice Hockey Helmets	Z262.1	ne	40
Face Protectors and Visors for Ice Hockey Players	Z262.2	ne	40
Children's Playspaces and Equipment	Z614	ne	50
Occupational Health and Safety			
Overhead Travelling Cranes	B167	ne	10
Industrial Lift Truck Operator Training	B335	ne	50
Rollover Protective Structures (ROPS) for Agricultural, Construction, Earthmoving, Forestry, Industrial and Mining Machines—			
– Part 1: General Requirements	B352.0	ne	10
– Part 2: Testing Requirements for ROPS on Agricultural Tractors	B352.1	ne	10
– Part 3: Testing Requirements for ROPS on Construction, Earthmoving, Forestry, Industrial, and Mining Machines	B352.2	ne	10
Elevating Rolling Work Platforms	B354.1	ne	30
Mast Climbers	B354.5	ns	40
Roof and Rock Bolts, and Accessories	M430	ne	10
Tractor Front-end Loader Safety	M682	ns	30
Definitions of Agriculture Field Equipment	M684	ns	40
Agricultural Wheeled Tractors—Rear-Mounted Three-Point Linkage—Part 1: Categories 1, 2, 3 and 4	M730-1	ns	40
Braking Systems—Performance Requirements and Test Procedures—Wheeled Machines	M3450	ne	60
Agricultural Tractors—Operator's Seating Accommodation— Dimensions	M4253	ns	H
Agricultural Wheeled Tractors—Operator's Seat—Laboratory Measurement of Transmitted Vibration	M5007	ne	40

**Status of CSA Standards Projects (cont'd)**

SUBJECT	NUMBER	TYPE	STAGE
Occupational Health and Safety (cont'd)			
Agricultural Tractor Seating–Measurement of Whole Body Vibration	M5008	ns	40
Agricultural Vehicles–Mechanical Connections on Towing Vehicles–Part 3: Tractor Drawbars	M6489-3	ns	40
Earth-Moving Machinery–Product Identification Numbering System	M10261	ns	40
Machinery for Forestry–Self-propelled Machinery–Safety	M11850	ne	40
Agricultural Machinery–Agricultural Trailers and Trailed Equipment–Drawbar Jacks	M12140	ns	40
Machinery for Forestry–Log Loaders–Location and Method of Operation of Two-lever Operator Controls	M15078	ns	50
Portable Wooden Ladders	Z11.1	ns	20
Portable Metal Ladders	Z11.2	ns	20
Portable Reinforced Plastic Ladders	Z11.3	ns	20
Chain Saws	Z62.1	ne	50
Chain Saw Kickback	Z62.3	ne	30
Health and Safety Code for Suspended Equipment Operations	Z91	ne	60
Industrial Protective Headwear	Z94.1	ne	20
Industrial Eye and Face Protectors	Z94.3	ne	60
High-Visibility Safety Apparel	Z96	ns	60
Code for Power Press Operation: Health, Safety, and Guarding Requirements	Z142	ne	60
Articulating (Knuckle) Boom Cranes	Z150.3	ns	10
Code for Tower Cranes	Z248	ne	50
Safety Belts and Lanyards	Z259.1	ne	20
Flexible Horizontal Lifelines	Z259.13	ns	40
Anchorage Connectors	Z259.15	ns	30
Fall Protection Systems Design Code	Z259.16	ns	30
Hyperbaric Facilities	Z275.1	ne	30
Safety Code for Diving Operations	Z275.2	ne	30
Competency Standard for Diving Operations	Z275.4	ne	60
Diver Training Program Assessment	Z275.5	ns	30
Safeguarding of Machinery	Z432	ne	30
Industrial Robots and Robot Systems–General Safety Requirements	Z434	ne	50
Lockout/Hazardous Energy Control	Z460	ns	10
Coding of Work Injury or Disease Information	Z795	ne	60
Scaffolding Guidelines	Z797	ns	30

Certification and Testing (CSA International)

Certification Notices

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

Effective Date	Subject	Title
February 21, 2003	Publication of Technical Information Letter (TIL) No. MHC-08, covering interim certification requirements for electromechanical lifting devices for persons.	Health Care Equipment No. 12



Completed Projects / Projets terminés

Nouvelles normes – Nouvelles éditions – Publications spéciales

Z234.1-00, 6^e édition

Guide de familiarisation au système métrique..... 45 \$

Cette norme a été préparée dans le but de servir de guide pour l'application du Système international d'unités dont l'abréviation universelle est SI. Elle comprend des renseignements sur les unités SI, les recommandations pour l'application des multiples et sous-multiples des unités, une terminologie à jour des noms de grandeurs, des facteurs de conversion des autres systèmes d'unités au SI, des explications pour la conversion et l'arrondissement des données, ainsi que l'indication des doubles cotes.

Reaffirmed Standards

CAN/CSA-Q830-96 (R2002)

Model Code for the Protection of Personal Information

CAN/CSA-Q850-97 (R2002)

Risk Management: Guideline for Decision Makers

Withdrawn Standards

PLUS 9014-98

ISO 9000 Interpretations

Under Development

Notice of Intent

For more information about the proposed development of the following new project, contact Kevin MacKenzie at 416-747-2496 or kevin.mackenzie@csa.ca:

- **Q830, 2nd edition**

Model Code for the Protection of Personal Information



Drafts for Public Review

Please note: Public comments about the draft standards, proposed amendments, proposed adoptions and proposed endorsements listed in this issue are due by January 6, 2003.

Draft Standards

To receive copies of the following draft standard, or to offer comments, contact Diane Palm at 416-747-2250 or diane.palm@csa.ca:

- **Z234.3, 3rd edition**
Guide for the Selection and Use of Preferred Numbers

Status of CSA Standards Projects

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

STAGE:

- 00 Definition of a new project** – *A request has been received for the development of a new project and discussions have been initiated.*
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SUBJECT	NUMBER	TYPE	STAGE
Quality Assurance			
Business-to-Consumer Electronic Commerce	CSA/BNQ 9700-500	ns	H
Guidelines for Quality Plans	ISO 10005	ne	10
Guidelines for Quality Management in Projects	ISO 10006	ne	40
Guidelines for Configuration Management	ISO 10007	ne	10
Quality Assurance Requirements for Measuring Equipment	ISO 10012	ne	40
Guidance on Statistical Techniques for ISO 9001:2000	ISO 10017	ne	10
Guidelines for Complaints Handling	ISO 10018	ns	10
Quality Management Systems–Particular Requirements for Automotive	ISO 16949	ne	40
Guidelines on Quality and/or Environmental Managing Systems Auditing	ISO 19011	ns	50
Model Code for the Protection of Personal Information	Q830	ne	10
Basic Engineering			
Guide for the Selection and Use of Preferred Numbers	Z234.3	ne	40



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