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Info Update is published by the Canadian Standards Association (CSA) eight times a year. It contains important information about new and existing standards, e.g., recently published standards, and withdrawn standards. It also gives you highlights of other activities and services.

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What you'll find

Within each program, information is organized into the following sections:

Completed Projects / Projets terminés

▼ **New Standards – New Editions – Special Publications**

This section lists new standards, new editions (including adoptions), and special publications that have been published since the last issue of *Info Update*. To place your order call 1-800-463-6727 or visit our Online Store at <http://www.csa.ca>. Prices shown are quoted in Canadian dollars and do not include applicable taxes or shipping charges. Our office locations are listed at the end of this document.

▼ **Nouvelles normes – Nouvelles éditions – Publications spéciales publiées en français**

Cette section énumère les nouvelles normes et éditions (y compris les normes adoptées) ainsi que les publications spéciales qui ont paru depuis la dernière livraison du bulletin Info-Update. Pour commander, composez le 1 800 463-6727 ou visitez notre Boutique en ligne, au <http://www.csa.ca>. Les prix sont indiqués en dollars canadiens et ne comprennent pas les taxes pertinentes ni les frais d'expédition. La liste de nos bureaux est présentée à la fin de ce document.

▼ **Amendments**

Amendments are issued periodically for some standards. This section lists amendments that have been published since the last issue of *Info Update*. Most amendments are made available to the purchaser free of charge by returning the update notification card included in the standard or registering online for the update service through the Online Store at <http://www.csa.ca> and clicking on "My Account" on the navigation bar. Amendments developed by other standards development organizations, and adopted by CSA are made available for a fee. The prices shown are quoted in Canadian dollars and do not include applicable taxes or shipping charges.

▼ **Modifications publiées en français**

Dans le cas de certaines normes, des modifications sont publiées à intervalles réguliers. Cette section présente la liste des modifications publiées depuis la dernière livraison du bulletin *Info-Update*. La plupart des modifications étant offertes gratuitement, vous n'avez qu'à remplir et à nous retourner la carte d'avis de mise à jour incluse avec chaque norme. Vous pouvez également vous inscrire en direct à notre service de mise à jour en vous rendant à la Boutique en ligne, au <http://www.csa.ca>, et en cliquant sur le bouton « Mon compte » de la barre de navigation. Des frais s'appliquent toutefois aux modifications élaborées par d'autres organismes de normalisation et adoptées par la CSA. Les prix sont indiqués en dollars canadiens et ne comprennent pas les taxes pertinentes ni les frais d'expédition.

▼ **Adopted Standards**

Adopted standards have been developed by another standards development organization and have been approved by our technical committee for use in Canada, with or without modification. They are available for sale from CSA. You will find published adopted standards listed under "New Standards — New Editions — Special Publications."

▼ **Endorsed Standards**

Endorsed standards have been developed by another standards development organization, and have been approved by the appropriate CSA technical committee for use in Canada.

Endorsed standards are not sold by CSA.

For copies, contact the originating organization or Global Info Centre Canada at 1-800-854-7179 or 613-237-4250; fax 613-237-4251; e-mail gic@ihscanada.ca; Web site <http://www.global.ihs.com>.

Completed Projects (cont'd) / Projets terminés (suite)

▼ Reaffirmed Standards

The standards listed in this section have been reviewed to determine if they remain technically valid and are acceptable for use until the next edition is published or for a further five years.

▼ Withdrawn Standards

The standards listed in this section have been withdrawn. Most withdrawn standards are available from our archived collection. Some copies may not be in original format.

To order, call toll-free 1-800-463-6727 (in Toronto, 416-747-4044).

▼ Formal Interpretations

This section lists questions that individuals have submitted about a particular standard. Each question has been reviewed and answered by the appropriate committee. If you would like to submit a question about a particular standard, please see the end notes in the preface of that standard.

Under Development

The *Under Development* section formerly published in *Info Update* is now available directly on the CSA website. This enhancement allows us to provide you with these important notifications on a more timely basis. To visit the new "Current Standards Activities" page, go to: <http://standardsactivities.csa.ca/standardsactivities/default.asp?language=en>.

Certification and Testing (CSA International)

▼ Informs Notices (Bulletins from CSA International)

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CSA certification and testing clients receive these notices automatically. If you did not receive a copy or would like to receive one, call CSA International at 416-747-4171, or fax 416-747-2476.



Completed Projects / Projets terminés

Reaffirmed Standards

CAN/CSA-ISO/IEC 1539-2:02 (R2007)

Information technology — Programming languages — Fortran — Part 2: Varying length character strings (Adopted ISO/IEC 1539-2:2000)

CAN/CSA-ISO/IEC 2593:02 (R2007)

Information technology — Telecommunications and information exchange between systems — 34-pole DTE/DCE interface connector mateability dimensions and contact number assignments (Adopted ISO/IEC 2593:2000)

CAN/CSA-ISO/IEC 7501-2:02 (R2007)

Identification cards — Machine readable travel documents — Part 2: Machine readable visa (Adopted ISO/IEC 7501-2:1997)

CAN/CSA-ISO/IEC 7811-2:02 (R2007)

Identification cards — Recording technique — Part 2: Magnetic stripe — Low coercivity (Adopted ISO/IEC 7811-2:2001)

CAN/CSA-ISO/IEC 8208:02 (R2007)

Information technology — Data communications — X.25 Packet Layer Protocol for Data Terminal Equipment (Adopted ISO/IEC 8208:2000)

CAN/CSA-ISO/IEC 8802-3:02 (R2007)

Information technology — Telecommunications and information exchange between systems — Local and metropolitan area networks — Specific requirements — Part 3: Carrier sense multiple access with collision detection (CSMA/CD) access method and physical layer specifications (Adopted ISO/IEC 8802-3:2000)

CAN/CSA-ISO/IEC 8802-5:02 (R2007)

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 (Adopted ISO/IEC 8802-5:1998)

CAN/CSA-ISO/IEC 8859-16:02 (R2007)

Information technology — 8-bit single-byte coded graphic character sets — Part 16: Latin alphabet No. 10 (Adopted ISO/IEC 8859-16:2001)

CAN/CSA-ISO/IEC 8877:02 (R2007)

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 (Adopted ISO/IEC 8877:1992)



Reaffirmed Standards (cont'd)

CAN/CSA-ISO/IEC 9126-1:02 (R2007)

Software engineering — Product quality — Part 1: Quality model
(Adopted ISO/IEC 9126-1:2001)

CAN/CSA-ISO/IEC 9798-1:02 (R2007)

Information technology — Security techniques — Entity authentication — Part 1: General (Adopted ISO/IEC 9798-1:1997)

CAN/CSA-ISO/IEC 9798-2:02 (R2007)

Information technology — Security techniques — Entity authentication — Part 2: Mechanisms using symmetric encipherment algorithms (Adopted ISO/IEC 9798-2:1999)

CAN/CSA-ISO/IEC 9798-3:02 (R2007)

Information technology — Security techniques — Entity authentication — Part 3: Mechanisms using digital signature techniques (Adopted ISO/IEC 9798-3:1998)

CAN/CSA ISO/IEC 9798-4:02 (R2007)

Information technology — Security techniques — Entity authentication — Part 4: Mechanisms using a cryptographic check function (Adopted ISO/IEC 9798-4:1999)

CAN/CSA-ISO/IEC 9899:02 (R2007)

Programming languages — C (Adopted ISO/IEC 9899:1999)

CAN/CSA-ISO/IEC 10164-22:02 (R2007)

Information technology — Open Systems Interconnection — Systems Management: Response time monitoring function (Adopted ISO/IEC 10164-22:2000)

CAN/CSA-ISO/IEC 10165-8:02 (R2007)

Information technology — Open Systems Interconnection — Structure of management information: Managed objects for supporting upper layers (Adopted ISO/IEC 10165-8:2000)

CAN/CSA-ISO/IEC 10165-9:02 (R2007)

Information technology — Open Systems Interconnection — Structure of management information: Systems management application layer managed objects (Adopted ISO/IEC 10165-9:2000)

CAN/CSA-ISO/IEC 10175-3:02 (R2007)

Information technology — Text and office systems — Document Printing Application (DPA) — Part 3: Management abstract service definitions and procedures (Adopted ISO/IEC 10175-3:2000)

CAN/CSA-ISO/IEC 10373-6:02 (R2007)

Identification cards — Test methods — Part 6: Proximity cards (Adopted ISO/IEC 10373-6:2001)

CAN/CSA-ISO/IEC 10373-7:02 (R2007)

Identification cards — Test methods — Part 7: Vicinity cards (Adopted ISO/IEC 10373-7:2001)



Reaffirmed Standards (cont'd)

CAN/CSA-ISO/IEC 10536-1:02 (R2007)

Identification cards — Contactless integrated circuit(s) cards — Close-coupled cards — Part 1: Physical characteristics (Adopted ISO/IEC 10536-1:2000)

CAN/CSA-ISO/IEC 10918-2-98 (R2007)

Information technology — Digital compression and coding of continuous-tone still images: Compliance testing (Adopted ISO/IEC 10918-2:1995)

CAN/CSA-ISO/IEC 10967-2:02 (R2007)

Information technology — Language independent arithmetic — Part 2: Elementary numerical functions (Adopted ISO/IEC 10967-2:2001)

CAN/CSA-ISO/IEC 11518-10:02 (R2007)

Information technology — High-Performance Parallel Interface — Part 10: 6400 Mbit/s Physical Layer (HIPPI-6400-PH) (Adopted ISO/IEC 11518-10:2001)

CAN/CSA-ISO/IEC 11581-1:02 (R2007)

Information technology — User system interfaces and symbols — Icon symbols and functions — Part 1: Icons — General (Adopted ISO/IEC 11581-1:2000)

CAN/CSA-ISO/IEC 11581-2:02 (R2007)

Information technology — User system interfaces and symbols — Icon symbols and functions — Part 2: Object icons (Adopted ISO/IEC 11581-2:2000)

CAN/CSA-ISO/IEC 11581-3:02 (R2007)

Information technology — User system interfaces and symbols — Icon symbols and functions — Part 3: Pointer icons (Adopted ISO/IEC 11581-3:2000)

CAN/CSA-ISO/IEC 11694-3:02 (R2007)

Identification cards — Optical memory cards — Linear recording method — Part 3: Optical properties and characteristics (Adopted ISO/IEC 11694-3:2001)

CAN/CSA-ISO/IEC 11694-4:02 (R2007)

Identification cards — Optical memory cards — Linear recording method — Part 4: Logical data structures (Adopted ISO/IEC 11694-4:2001)

CAN/CSA-ISO/IEC 13211-2:02 (R2007)

Information technology — Programming languages — Prolog — Part 2: Modules (Adopted ISO/IEC 13211-2:2000)

CAN/CSA-ISO/IEC 13522-7:02 (R2007)

Information technology — Coding of multimedia and hypermedia information — Part 7: Interoperability and conformance testing for ISO/IEC 13522-5 (Adopted ISO/IEC 13522-7:2001)

CAN/CSA-ISO/IEC 13522-8:02 (R2007)

Information technology — Coding of multimedia and hypermedia information — Part 8: XML notation for ISO/IEC 13522-5 (Adopted ISO/IEC 13522-8:2001)



Reaffirmed Standards (cont'd)

CAN/CSA-ISO/IEC 13660:02 (R2007)

Information technology — Office equipment — Measurement of image quality attributes for hardcopy output — Binary monochrome text and graphic images
(Adopted ISO/IEC 13660:2001)

CAN/CSA-ISO/IEC 13673:02 (R2007)

Information technology — Document processing and related communication — Conformance testing for Standard Generalized Markup Language (SGML) systems
(Adopted ISO/IEC 13673:2000)

CAN/CSA-ISO/IEC 13751:02 (R2007)

Information technology — Programming languages, their environments and system software interfaces — Programming language Extended APL (Adopted ISO/IEC 13751:2001)

CAN/CSA-ISO/IEC 13818-1:02 (R2007)

Information technology — Generic coding of moving pictures and associated audio information: Systems (Adopted ISO/IEC 13818-1:2000)

CAN/CSA-ISO/IEC 13818-2:02 (R2007)

Information technology — Generic coding of moving pictures and associated audio information: Video (Adopted ISO/IEC 13818-2:2000)

CAN/CSA-ISO/IEC 13863:02 (R2007)

Information technology — Telecommunications and information exchange between systems — Private Integrated Services Network — Specification, functional model and information flows — Path replacement additional network feature
(Adopted ISO/IEC 13863:1998)

CAN/CSA-ISO/IEC 13961:02 (R2007)

Information technology — Scalable Coherent Interface (SCI) (Adopted ISO/IEC 13961:2000)

CAN/CSA-ISO/IEC 14165-131:02 (R2007)

Information technology — Fibre Channel — Part 131: Switch Fabric Requirements (FC-SW)
(Adopted ISO/IEC 14165-131:2000)

CAN/CSA-ISO/IEC 14165-141:02 (R2007)

Information technology — Fibre Channel — Part 141: Fabric Generic Requirements (FC-FG)
(Adopted ISO/IEC 14165-141:2001)

CAN/CSA-ISO/IEC 14443-1:02 (R2007)

Identification cards — Contactless integrated circuit(s) cards — Proximity cards — Part 1: Physical characteristics (Adopted ISO/IEC 14443-1:2000)

CAN/CSA-ISO/IEC 14443-2:02 (R2007)

Identification cards — Contactless integrated circuit(s) cards — Proximity cards — Part 2: Radio frequency power and signal interface (Adopted ISO/IEC 14443-2:2001)



Reaffirmed Standards (cont'd)

CAN/CSA-ISO/IEC 14443-3:02 (R2007)

Identification cards — Contactless integrated circuit(s) cards — Proximity cards — Part 3: Initialization and anticollision (Adopted ISO/IEC 14443-3:2001)

CAN/CSA-ISO/IEC 14443-4:02 (R2007)

Identification cards — Contactless integrated circuit(s) cards — Proximity cards — Part 4: Transmission protocol (Adopted ISO/IEC 14443-4:2001)

CAN/CSA-ISO/IEC 14495-1:02 (R2007)

Information technology — Lossless and near-lossless compression of continuous-tone still images: Baseline (Adopted ISO/IEC 14495-1:1999)

CAN/CSA-ISO/IEC 14496-6:02 (R2007)

Information technology — Coding of audio-visual objects — Part 6: Delivery Multimedia Integration Framework (DMIF) (Adopted ISO/IEC 14496-6:2000)

CAN/CSA-ISO/IEC 14515-1:02 (R2007)

Information technology — Portable Operating System Interface (POSIX®) — Test methods for measuring conformance to POSIX — Part 1: System interfaces (Adopted ISO/IEC 14515-1:2000)

CAN/CSA-ISO/IEC 14598-2:02 (R2007)

Software engineering — Product evaluation — Part 2: Planning and management (Adopted ISO/IEC 14598-2:2000)

CAN/CSA-ISO/IEC 14598-3:02 (R2007)

Software engineering — Product evaluation — Part 3: Process for developers (Adopted ISO/IEC 14598-3:2000)

CAN/CSA-ISO/IEC 14598-6:02 (R2007)

Software engineering — Product evaluation — Part 6: Documentation of evaluation modules (Adopted ISO/IEC 14598-6:2001)

CAN/CSA-ISO/IEC 14651:02 (R2007)

Information technology — International string ordering and comparison — Method for comparing character strings and description of the common template tailorable ordering (Adopted ISO/IEC 14651:2001)

CAN/CSA-ISO/IEC 14752:02 (R2007)

Information technology — Open Distributed Processing — Protocol support for computational interactions (Adopted ISO/IEC 14752:2000)

CAN/CSA-ISO/IEC 14769:02 (R2007)

Information technology — Open Distributed Processing — Type Repository Function (Adopted ISO/IEC 14769:2001)



Reaffirmed Standards (cont'd)

CAN/CSA-ISO/IEC 14776-232:02 (R2007)

Information technology — Small Computer System Interface (SCSI) — Part 232: Serial Bus Protocol-2 (SBP-2) (Adopted ISO/IEC 14776-232:2001)

CAN/CSA-ISO/IEC 14776-341:02 (R2007)

Information technology — Small Computer System Interface-3 (SCSI-3) — Part 341: Controller Commands (SCC) (Adopted ISO/IEC 14776-341:2000)

CAN/CSA-ISO/IEC 14776-342:02 (R2007)

Information technology — Small Computer System Interface — Part 342: Controller Commands - 2 (SCC-2) (Adopted ISO/IEC 14776-342:2000)

CAN/CSA-ISO/IEC 14776-381:02 (R2007)

Information technology — Small Computer System Interface (SCSI) — Part 381: Optical Memory Card Device Commands (OMC) (Adopted ISO/IEC 14776-381:2000)

CAN/CSA-ISO/IEC 15205:02 (R2007)

SBus — Chip and module interconnect bus (Adopted ISO/IEC 15205:2000)

CAN/CSA-ISO/IEC 15416:02 (R2007)

Information technology — Automatic identification and data capture techniques — Bar code print quality test specification — Linear symbols (Adopted ISO/IEC 15416:2000)

CAN/CSA-ISO/IEC 15417:02 (R2007)

Information technology — Automatic identification and data capture techniques — Code 128 bar code symbology specification (Adopted ISO/IEC 15417:2000)

CAN/CSA-ISO/IEC 15419:02 (R2007)

Information technology — Automatic identification and data capture techniques — Bar code digital imaging and printing performance testing (Adopted ISO/IEC 15419:2001)

CAN/CSA-ISO/IEC 15420:02 (R2007)

Information technology — Automatic identification and data capture techniques — Bar code symbology specification — EAN/UPC (Adopted ISO/IEC 15420:2000)

CAN/CSA-ISO/IEC 15421:02 (R2007)

Information technology — Automatic identification and data capture techniques — Bar code master test specifications (Adopted ISO/IEC 15421:2000)

CAN/CSA-ISO/IEC 15424:02 (R2007)

Information technology — Automatic identification and data capture techniques — Data Carrier Identifiers (including Symbology Identifiers)(Adopted ISO/IEC 15424:2000)

CAN/CSA-ISO/IEC 15437:02 (R2007)

Information technology — Enhancements to LOTOS (E-LOTOS)
(Adopted ISO/IEC 15437:2001)