



**CANADIAN STANDARDS
ASSOCIATION**

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Life Sciences

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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 It contains important information about new and existing standards, e.g., recently published standards, and withdrawn standards.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.

CSA offers a free online service called *Keep Me Informed* that will notify registered users when each new issue of *Info Update* is published. To register go to <http://www.csa-intl.org/onlinestore/KeepMeInformed/PleaseIdentifyYourself.asp?Language=EN>.

To view the complete issue of *Info Update* visit <http://standardsactivities.csa.ca/standardsactivities/default.asp?language=en>.

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)

An *Informs* is a notice containing information only. It does not contain anything that would require you to resubmit products for certification. If you would like a copy of an *Informs* notice, call CSA International at 416-747-4171, or fax 416-747-2476.

▼ Certification Notices

Certification notices inform you about changes that would require a product to be resubmitted for certification or about critical factors that may affect a product's certification. Products must comply with the changed requirements by the effective dates given.

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

New Standards – New Editions – Special Publications

ASME A17.7-2007/CSA B44.7-07, 1st edition

Performance-Based Safety Code for Elevators and Escalators

(bi-national standard with ASME A17.7-2007)..... \$150

This code covers the design, construction, operation, inspection, testing, maintenance, alteration, and repair of the following equipment and its associated parts, rooms, spaces, and hoistways, where located in or adjacent to a building or structure:

- hoisting and lowering mechanisms, equipped with a car, that move between two or more landings. This equipment includes, but is not limited to, elevators.
- power-driven stairways and walkways for carrying persons between landings. This equipment includes, but is not limited to, escalators and moving walks.
- hoisting and lowering mechanisms, equipped with a car, that serve two or more landings and are restricted to the carrying of material by their limited size or limited access to the car. This equipment includes, but is not limited to, dumbwaiters and material lifts.

B44.2-07, 1st edition

Maintenance Requirements and Intervals for Elevators, Dumbwaiters, Escalators, and Moving Walls

\$20

This standard specifies maintenance requirements and service intervals for elevators, dumbwaiters, escalators, and moving walks where the original manufacturer’s recommendations are not available or where there is insufficient data on the age, quality, and operation of the equipment.

This standard is intended to be used in conjunction with ASME A17.1/CSA B44.

D250-07, 8th edition

School Buses \$75

This standard specifies the chassis and body requirements and safety equipment requirements for school buses. This standard applies to Type A1, A2, B, C, and D school buses.

CAN/CSA-M5000.3-07, 1st edition

Agricultural tractors — Rear-mounted power take-off types 1, 2, and 3 — Part 3: Main PTO dimensions and spline dimensions, location of PTO (Adopted ISO 500-3:2004,

first edition, without modification) \$80

This standard specifies manufacturing requirements for, and the location of, rear-mounted power take-offs (PTOs) of types 1, 2 and 3 on agricultural tractors.

This document is available in Portable Document Format (PDF) only.



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

CAN/CSA-M5673-1-07, 1st edition

Agricultural tractors and machinery — Power take-off drive shafts and power-input connection — Part 1: General manufacturing and safety requirements
(Adopted ISO 5673-1:2005, first edition, without modification)..... \$95

This standard specifies the power take-off (PTO) drive shafts of a tractor or self-propelled machine used in agriculture and the power-input connection (PIC) of its implement, establishing a method for determining PTO static and dynamic torsional strength while giving manufacturing and safety requirements. It is applicable only to those PTO drive shafts and guards mechanically linked to the shaft by at least two bearings. It is not applicable to PTO drive shafts guarded by location or to the mechanical characteristics of overrun devices and torque limiters, nor are environmental aspects considered. The standard does not apply to PTO drive shafts and their guards manufactured before the date of its publication.

This document is available in Portable Document Format (PDF) only.

CAN/CSA-M5673-2-07, 1st edition

Agricultural tractors and machinery — Power take-off drive shafts and power-input connection — Part 2: Specification for use of PTO drive shafts, and position and clearance of PTO drive line and PIC for various attachments
(Adopted ISO 5673-2:2005, first edition, without modification)..... \$70

This standard gives the forms and applications of power take-off (PTO) drive shafts for tractors and self-propelled machines used in agriculture, and specifies the dimensions for, and clearance zone around, the implement power-input connection (PIC) for a variety of attachments. Its intent is to ensure proper clearance between the PTO drive line and adjacent components on the implement and tractor when both implement and tractor have compatible power levels. It is not intended as a complete guide for drive-line design and does not, for example, contain information on preventing drive-line vibration or sizing a torque limiting device.

This document is available in Portable Document Format (PDF) only.

CAN/CSA-M6489-3-07, 1st edition

Agricultural vehicles — Mechanical connections between towed and towing vehicles — Part 3: Tractor drawbar (Adopted ISO 6489-3:2004, second edition, without modification) \$55

This standard specifies dimensional requirements and location for category 0, 1, 2, 3, 4, and 5 drawbars mounted on the rear of agricultural tractors.

This document is available in Portable Document Format (PDF) only.

Nouvelles normes – Nouvelles éditions – Publications spéciales publiées en français

CAN/CSA-M5000.3-07, 1^{re} édition

*Tracteurs agricoles — Prises de force montées à l'arrière des types 1, 2 et 3 —
Partie 3 : Dimensions principales de la prise de force et dimensions des cannelures,
emplacement de la prise de force* (norme ISO 500-3:2004, première édition, adoptée
sans modifications)..... 80 \$

Cette norme spécifie les exigences de construction et l'emplacement des prises de force (p.d.f.) des types 1, 2 et 3, montées à l'arrière des tracteurs agricoles.

Cette norme est offerte en format PDF seulement.

CAN/CSA-M5673-1-07, 1^{re} édition

*Tracteurs et matériels agricoles — Arbres de transmission à cardans de prise de force
et arbre récepteur de la machine — Partie 1 : Exigences générales de fabrication et de
sécurité* (norme ISO 5673-1:2005, première édition, adoptée sans modifications) 95 \$

Cette norme précise les spécifications relatives aux arbres de transmission à cardans de prise de force (p.d.f.) d'un tracteur ou d'une machine automotrice utilisée dans l'agriculture et à l'arbre récepteur de la machine (a.r.m.) de son instrument, en établissant une méthode permettant de déterminer la résistance à la torsion statique et dynamique et en donnant des exigences de fabrication et de sécurité. Elle ne s'applique qu'aux arbres de transmission à cardans de prise de force et aux protecteurs reliés mécaniquement à l'arbre par au moins deux paliers. Elle ne traite pas des arbres de transmission à cardans de prise de force protégés par leur emplacement ni des caractéristiques mécaniques des systèmes de roue libre et des limiteurs de couple et ne prend pas en compte les aspects liés à l'environnement. Elle n'est pas applicable aux arbres de transmission à cardans de prise de force et leurs protecteurs qui ont été fabriqués avant sa date de publication.

Cette norme est offerte en format PDF seulement.

CAN/CSA-M5673-2-07, 1^{re} édition

*Tracteurs et matériels agricoles — Arbres de transmission à cardans de prise de force
et arbre récepteur de la machine — Partie 2 : Spécifications relatives à l'utilisation des
arbres de transmission à cardans de prise de force, et position et dégagement de la ligne de
transmission de prise de force et de l'arbre récepteur de la machine pour différents systèmes
d'attelage* (norme ISO 5673-2:2005, première édition, adoptée sans modifications) 70 \$

Cette norme fournit les modèles et les types d'application des arbres de transmission à cardans de prise de force (p.d.f.) pour les tracteurs et les machines automotrices utilisés en agriculture et spécifie les dimensions relatives à l'arbre récepteur sur la machine (a.r.m.) et à sa zone de dégagement pour une variété d'attelages. Elle a pour objet de prévoir un dégagement approprié entre la ligne de transmission à cardans de prise de force et les composants adjacents de l'instrument et du tracteur lorsque tous deux ont des niveaux de puissance compatibles. L'objectif de la présente norme n'est pas de servir de guide complet pour la conception des lignes de transmission. Elle ne comprend, par exemple, aucune information relative à la prévention des vibrations exercées sur les lignes de transmission ni aucune information relative au dimensionnement d'un dispositif de limitation de couple. Les combinaisons



Nouvelles normes – Nouvelles éditions – Publications spéciales (suite)

CAN/CSA-M5673-2-07 (suite)

d'instruments avec tracteurs à garde au sol élevée, tels que ceux opérant dans les cultures maraîchères sur pied ou les plantations de canne à sucre, voire les tracteurs agricoles conçus pour une garde au sol peu élevée, tels que les tracteurs utilisés pour tondre le gazon ou entretenir le sol, et requérant un centre de gravité peu élevé, ne font pas l'objet de la présente partie de l'ISO 5673. Elle ne s'applique pas non plus aux instruments à la conception non symétrique par nécessité en raison de leur fonction.

Cette norme est offerte en format PDF seulement.

CAN/CSA-M6489-3-07, 1^{re} édition

Véhicules agricoles — Liaisons mécaniques entre véhicules remorqueurs et véhicules remorqués — Partie 3 : Barre d'attelage du tracteur (norme ISO 6489-3:2004, deuxième édition, adoptée sans modifications) 55 \$

Cette norme spécifie les exigences dimensionnelles et l'emplacement des barres d'attelage des catégories 0, 1, 2, 3, 4 et 5 installées à l'arrière des tracteurs agricoles.

Cette norme est offerte en format PDF seulement.

Reaffirmed Standards

CAN/CSA-Z234.4-89 (R2007)

All-Numeric Dates and Times

Certification and Testing (CSA International)

Certification Notices

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

Effective Date	Subject	Title
July 1, 2007	Publication of Update No. 4 to CSA standard Z259.2.1-98, <i>Fall Arresters, Vertical Lifelines and Rails</i> .	Occupational Health & Safety Products No. 48
► September 1, 2007	Extension of effective date of <i>Occupational Health and Safety Products No. 44</i> , addressing CSA standard Z259.1-05, <i>Body Belts and Saddles for Work Positioning and Travel Restraint</i> , from April 1, 2007 to September 1, 2007.	Occupational Health & Safety Products No. 44A
► September 1, 2007	Extension of effective date of <i>Occupational Health and Safety Products No. 45</i> , addressing CSA standard Z259.11-05, <i>Energy Absorbers and Lanyards</i> from April 1, 2007 to September 1, 2007. (Supersedes Occupational Health and Safety Products No. 45.)	Occupational Health & Safety Products No. 45A

Certification Notices (cont'd)

Effective Date	Subject	Title
▶ September 1, 2007	Extension of effective date of <i>Occupational Health and Safety Products No. 47</i> , addressing CSA standard Z259.10-06, <i>Full Body Harnesses</i> , from June 1, 2007 to September 2007. (Supersedes Occupational Health and Safety Products No. 47.)	Occupational Health & Safety Products No. 47A
▶ September 1, 2007	Extension of effective date of <i>Occupational Health and Safety Products No. 48</i> , addressing CSA standard Z259.2.1-98, <i>Fall Arresters, Vertical Lifelines, and Rails</i> , from July 1, 2007 to September 2007. (Supersedes Occupational Health and Safety Products No. 48.)	Occupational Health & Safety Products No. 48A
December 31, 2007	Publication of CSA standard Z76.1-06, <i>Reclosable Child-Resistant Packages</i> .	Health Care Equipment No. 19