



# Construction Products and Materials

## New Standards & Editions

### G401-01, 3rd edition

*Corrugated Steel Pipe Products* ..... \$50

This standard applies to the material and fabrication requirements for the following:

- corrugated steel pipe products
- spiral rib pipe products
- structural plate corrugated steel pipe products.

It covers the use of these types of pipe for applications such as culverts, storm sewers, sanitary sewers, subdrains, ground recharge systems, well casings, underpasses, stream enclosures, shelters, and tunnels.

This standard does not include requirements for hydraulic design, structural design, construction, and installation.

### S6.1-00

*Commentary on CAN/CSA-S6-00, "Canadian Highway Bridge Design Code"* ..... \$115

This document provides practical guidance for using CSA's standard, CAN/CSA-S6-00, "Canadian Highway Bridge Design Code." The clause-by-clause commentary includes background and rationale for the S6 requirements, along with advice for implementing them.

## Nouvelles parutions en français

### A23.4-00/A251-00, 3<sup>e</sup> édition

*Béton préfabriqué : Constituants et exécution des travaux/ Règles de qualification pour les éléments en béton architectural et en béton structural préfabriqués* ..... 60 \$

La norme **A23.4** traite des constituants et des méthodes à suivre pour la fabrication, le transport et la mise en place des éléments préfabriqués en béton porteurs et non porteurs ainsi que des éléments spéciaux.

La norme **A251** énonce une méthode de qualification des fabricants qui produisent du béton architectural et du béton structural préfabriqués conformément à la norme CSA A23.4.

### CAN/CSA-S826 Série-01, 1<sup>re</sup> édition

*Embarcadères pour traversiers* ..... 75 \$

Cette série est constituée des quatre normes qui suivent, publiées sous une même couverture :

- **CAN/CSA-S826.1-01**  
*Embarcadères pour traversiers : conception*
- **CAN/CSA-S826.2-01**  
*Embarcadères pour traversiers : fonctionnement (lignes directrices)*
- **CAN/CSA-S826.3-01**  
*Embarcadères pour traversiers : inspection*
- **CAN/CSA-S826.4-01**  
*Embarcadères pour traversiers : entretien (lignes directrices)*

### Z240 VC Série-99, 2<sup>e</sup> édition

*Véhicules de camping* ..... 140 \$

Cette série est constituée des cinq normes qui suivent, publiées sous une même couverture :

- **Z240.0.2-99**  
*Définitions et exigences générales de sécurité relatives aux véhicules de camping*
- **Z240.1.2-99**  
*Exigences routières relatives aux véhicules de camping*
- **Z240.3.2-99**  
*Exigences de plomberie pour véhicules de camping*
- **Z240.4.2-99**  
*Exigences relatives à l'installation des appareils au propane dans les véhicules de camping*
- **Z240.6.2/C22.2 n° 148-99**  
*Exigences électriques relatives aux véhicules de camping*

## Amendments

### A23.1-00/A23.2-00

*Concrete Materials and Methods of Concrete Construction/ Methods of Test for Concrete*

In A23.1, revision of Clauses 14.3.1 and 21.2.2.2.

In A23.2, revision of Clause 5.3.3 in A23.2-3C.



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## Modifications publiées en français

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### A23.1-00/A23.2-00

*Béton : constituants et exécution des travaux/ Essais concernant le béton*

A23.1-00 : Des modifications ont été apportées aux articles 14.2.3.1, 14.3.1, 17.4.1.1.1 et B5.2.3 et au tableau 19.

A23.2-00 : Des modifications ont été apportées à A23.2-3C : article 5.3.3.

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## Proposed New Projects

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For more information about the proposed development of the following new edition, contact Mike Lottamoza at 416-747-2745 or [mike.lottamoza@csa.ca](mailto:mike.lottamoza@csa.ca):

- **S413, 3rd edition**  
*Parking Structures*

For more information about the proposed development of the following new editions, contact Larry Gill at 416-747-2544 or [larry.gill@csa.ca](mailto:larry.gill@csa.ca):

- **B125, 9th edition**  
*Plumbing Fittings*

**Please note:** Proposed amendments to B125 were announced for public review in *Info Update* 2000 No. 4 (June/July 2000). However, the number of page revisions requires that a new edition be produced rather than the originally planned amendments. The revisions leading to the new edition are the same changes that were available for public review as part of the planned amendments.

- **B196.3, 3rd edition**  
*PVC Underground Telecommunication Cable Ducting and Fittings*

For more information about the proposed development of the following new editions, contact Sally Richardson at 416-747-2746 or [sally.richardson@csa.ca](mailto:sally.richardson@csa.ca):

- **A370, 3rd edition**  
*Connectors for Masonry*
- **A371, 4th edition**  
*Masonry Construction for Buildings*

For more information about the proposed development of the following new editions, contact Steve Paniri at 416-747-4118 or [steve.paniri@csa.ca](mailto:steve.paniri@csa.ca):

- **O118.1, 6th edition**  
*Western Cedar Shakes and Shingles*
- **O118.2, 2nd edition**  
*Eastern White Cedar Shingles*
- **O118.3, 2nd edition**  
*Northern Pine Tapersawn Shakes*

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## Drafts

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

To receive copies of the following draft standards, or to offer comments, contact Diane Palm at 416-747-4009 or [diane.palm@csa.ca](mailto:diane.palm@csa.ca):

- **S157, 4th edition**  
*Strength Design in Aluminum*
- **S157.1, new publication**  
*Commentary on CSA Standard S157*

To receive copies of the following proposed amendment, or to offer comments, contact Lidwina Kumar at 416-747-4188 or [lidwina.kumar@csa.ca](mailto:lidwina.kumar@csa.ca):

- **B45 Series-99, Proposed amendment**  
*Plumbing Fixtures*

Proposed revisions to various Clauses in the series.

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## Reaffirmed Standards

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A123.2-M1979 (R2001)  
*Asphalt Coated Roofing Sheets*

A123.17-1963 (R2001)  
*Asphalt-Saturated Felted Glass-Fibre Mat for Use in Construction of Built-Up Roofs*

CAN3-A123.51-M85 (R2001)  
*Asphalt Shingle Application on Roof Slopes 1:3 and Steeper*

CAN3-A123.52-M85 (R2001)  
*Asphalt Shingle Application on Roof Slopes 1:6 to Less than 1:3*



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## Proposed Withdrawal of Standards

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For more information about the proposed withdrawal of the following standard, contact Sally Richardson at 416-747-2746 or [sally.richardson@csa.ca](mailto:sally.richardson@csa.ca):

- **CAN/CSA-A247-M86 (R1996)**  
*Insulating Fibreboard*

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## Formal Interpretations

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The following interpretation regarding CSA standard **W47.1-92, Clause 9.8.1**, has been approved by the Technical Committee for the *Certification of Companies for Fusion Welding of Steel Structures*.

**Question:** Would individuals that have been approved as welding examiner of an organization authorized by the provincial jurisdictional authority, ABSA, to conduct performance testing of pressure welders meet the requirements of this clause to be a certified inspector of the relevant, jurisdictional provincial government department?

**Answer:** No.

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## Status of CSA Standards Projects

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

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

**2** *The technical content is being drafted.*

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

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

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

**H** *The publication is on hold.*

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

SUBJECT	NUMBER	TYPE	STATUS
<b>Building Materials and Masonry</b>			
Building Performance Protocol for Office Buildings	PLUS 1149	spec	C
Asphalt Shingles Made from Organic/Glass Felt and Surfaced with Mineral Granules	A123.1/.5	ne	1
Asphalt-Coated Roofing Sheets	A123.2	ne	1
Asphalt-Coated Glass-base Sheet	A123.16	ne	1
Asphalt-Saturated Felted Glass-fibre Mat for Use in Built-up Roofs	A123.17	ne	1
Asphalt Shingle Application on Roof Slopes 1:3 and Steeper	A123.51	ne	1
Asphalt Shingle Application on Roof Slopes 1:6 to Less Than 1:3	A123.52	ne	1
Concrete Masonry Units	A165 Series	ne	2
Masonry Connectors	A370	ne	1
Masonry Construction for Buildings	A371	ne	1
Entry Door Systems	A440.6	ns	1
<b>Offshore Structures</b>			
General Requirements, Design Criteria, the Environment, and Loads	S471	ne	2
Foundations	S472	ne	2
Steel Structures	S473	ne	2
Concrete Structures	S474	ne	2
Sea Operations	S475	ne	2
Floating Structures	S476	ns	1



<b>SUBJECT</b>	<b>NUMBER</b>	<b>TYPE</b>	<b>STATUS</b>
<b>Concrete</b>			
Concrete Materials and Methods of Concrete Construction/ Methods of Test for Concrete	A23.1/A23.2	ne	2
Plant Certification for Manufacturers of Concrete Roof Tiles	A220.0/.1/.2	ne	H
Standards for Concrete Pipe	A257	ne	1
Cementitious Materials Compendium	A3000 Series	ne	2
<b>Welding</b>			
General Requirements for Rolled or Welded Structural Quality Steel/ Structural Quality Steels	G40.20/.21	ne	2
Certification of Companies for Fusion Welding of Steel Structures	W47.1	ne	3
Welded Steel Construction (Metal Arc Welding)	W59	ne	4
Certification of Welding Inspection Organizations	W178.1	ne	3
Certification of Welding Inspectors	W178.2	ne	5
Performance Testing of Welders, Tack Welders, and Welding Operators for the Fusion Welding of Steel	W901	ns	4
<b>Forest Products</b>			
Wood Utility Poles and Reinforcing Stubs	O15	ne	H
Eastern White Cedar Shingles	O118.2	ne	H
<b>Plumbing Products and Materials</b>			
Cast Iron Soil Pipe, Fittings, and Means of Joining	B70	ne	4
<b>Industrialized Building Construction</b>			
Industrial and Commercial Storage Racking Systems	A344	ns	1
Park Model Trailers	Z241 Series	ne	H
Log Homes and Buildings	Z824	ns	H
<b>Structures (Design)</b>			
Design of Concrete Structures	A23.3	ne	2
Engineering Design in Wood	O86	ne	4
Design of Steel Structures	S16	ne	3
Antennas, Towers, and Antenna-Supporting Structures	S37	ne	5
Cold-Formed Steel Structural Members	S136	ne	3
Strength Design in Aluminum	S157	ne	4
Masonry Design for Buildings (LSD)	S304.1	ne	2
Parking Structures	S413	ne	1
Limit States Design of Advanced Composite Materials for Buildings	S806	ns	3
Guideline for Seismic Risk Reduction of Operational and Functional Components (OFC) of Buildings	S832	ns	5