



Construction Products and Materials

New Standards & Editions

O86-01, 8th edition

Engineering Design in Wood \$80

This standard provides criteria for the structural design and appraisal of structures or structural elements made from wood or wood products, including graded lumber, glued-laminated timber, unsanded plywood, oriented strandboard (OSB), composite building components, shearwalls and diaphragms, timber piling, pole-type construction, prefabricated wood I-joists, structural composite lumber products, preserved wood foundations, and their structural fastenings. The standard uses the limit states design method.

S37-01, 6th edition

Antennas, Towers, and Antenna-Supporting Structures \$80

This standard applies to structural antennas, towers, antenna-supporting structures, and roof- and wall-mounted structures, including their components, such as guys and foundations. It covers the structural design, fabrication, and erection of new structures, and the modification of existing structures. Most types of structural antennas, antenna towers, and antenna-supporting structures are covered.

W178.2-01, 4th edition

Certification of Welding Inspectors \$35

This standard outlines a means for certifying eligible welding inspectors by examination in one of three levels. It describes the responsibilities associated with each level and the basic technical functions of welding inspectors. This standard also outlines a means of registering welding inspection trainees.

This standard specifies a means for periodically reviewing a welding inspector's certification and includes a requirement for vision tests.

This standard, by including a code of ethics for the welding inspector, defines principles of practice and conduct for maintaining certification.

To help candidates prepare for examinations, this standard includes recommended course guidelines covering welding fundamentals, welding inspection, and welding metallurgy. In addition, it includes lists of relevant standards and of recommended courses and reference material.

Amendments

CAN/CSA-A23.1-00/A23.2-00

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

Amendment of the outside and inside front covers, and the title pages.

CAN/CSA-Z240 MH Series-92

Mobile Homes

Revision of Table 7 in Z240.2.1.

Modifications publiées en français

CAN/CSA-A23.1-00/A23.2-00

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

Des modifications ont été apportées à la première de couverture, à la deuxième de couverture ainsi qu'aux pages titres.

Drafts

Please note: Public comments about the draft standards and proposed amendments listed in this issue are due by January 7, 2002.

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

- **S471, 3rd edition**
General Requirements, Design Requirements, Design Criteria, the Environment, and Loads
- **S472, 3rd edition**
Foundations
- **S473, 3rd edition**
Steel Structures
- **S474, 3rd edition**
Concrete Structures
- **S475, 3rd edition**
Sea Operations



Drafts (cont'd)

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

- **B137 Series, proposed revisions**
Thermoplastic Pressure Piping Compendium
Several proposed revisions to the compendium are now available for public review. They will be published as amendments in Fall 2003.
- **B1800, proposed revisions**
Plastic Nonpressure Pipe Compendium
Several proposed revisions to the compendium are now available for public review. They will be published as amendments in Fall 2003.
- **Z240 RV Series-99, proposed revisions**
Recreational Vehicles
Proposed revisions of various clauses in the series.

Withdrawn Standards

G279-M1982 (R1998)

*Steel for Prestressed Concrete Tendons
(Metric version)*

G279-1975 (R1998)

*Steel for Prestressed Concrete Tendons
(Imperial version)*

CAN3-G279.2-M84 (R1998)

*Steel Wire in Mill Coils for Prestressed Concrete
Railroad Ties*

Proposed Reaffirmation of Standards

For more information about the proposed reaffirmation of the following standard, contact Lawrence Fogwill at 416-747-2720 or lawrence.fogwill@csa.ca:

- **W186-M1990 (R1998)**
Welding of Reinforcing Bars in Reinforced Concrete Construction

Formal Interpretations

The following interpretations have been approved by the Technical Committee on Concrete Materials and Construction (CSA A23.1/A23.2).

Re: CSA A23.1, Clause 12.7.2.4

Question: Do precast concrete supports meet the requirements of clause 12.7.2.4?

Answer: Yes, provided that the precast bar supports comply with clause 12.7.2.6.

Question: Do plastic supports, because of poor bonding and thermal incompatibility, fail to meet the requirements of clause 12.7.2.4?

Answer: Not necessarily. The determination should be made by the Owner for the specific application.

Question: Do bare steel supports, because of conductivity, fail to meet the requirements of clause 12.7.2.4?

Answer: Yes.

Question: Do plastic coated steel supports meet the requirements of clause 12.7.2.4?

Answer: Not necessarily. The determination should be made by the Owner for the specific application.

Re: CSA A23.1, Table 12

Question: Was it the intent of the committee to leave "cementing materials with equivalent performance" out of the S-1 and S-2 exposure classes?

Answer: No. This was not the intent of the committee. Refer to the footnotes to Table 12 for further clarification.

Question: Was it the intent of the committee to leave Type 20 cement out of the S-3 class?

Answer: No. This was not the intent of the committee.

Re: CSA A23.2-2A

Question: Can you specify whether method 2A or 5A must be used to determine fine particles passing the 80 micron screen?

Answer: CSA A23.2-5A. For further clarification, refer to CSA A23.2-2A, clause 3.5.



Informs Notices (Bulletins from CSA Certification and Testing)

Date	Subject	Title
September 10, 2001	Publication of amendments to CSA standards A23.1-00, <i>Concrete Materials and Methods of Construction</i> , and A23.2-00, <i>Methods of Test for Concrete</i> . (Supplements Certification Notice, "Concrete Testing Laboratories No. 7A.")	Concrete Testing Laboratories No. 8

Status of CSA Standards Projects

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

STATUS: 1 The project is under initial evaluation.

2 The technical content is being drafted.

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

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

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

H The publication is on hold.

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

SUBJECT	NUMBER	TYPE	STATUS
Building Materials and Masonry			
Asphalt Shingles Made from Organic/Glass Felt and Surfaced with Mineral Granules	A123.1/5	ne	2
Asphalt-Coated Roofing Sheets	A123.2	ne	2
Asphalt-Coated Glass-base Sheet	A123.16	ne	2
Asphalt-Saturated Felted Glass-fibre Mat for Use in Built-up Roofs	A123.17	ne	2
Asphalt Shingle Application on Roof Slopes 1:3 and Steeper	A123.51	ne	2
Asphalt Shingle Application on Roof Slopes 1:6 to Less Than 1:3	A123.52	ne	2
Concrete Masonry Units	A165 Series	ne	2
Masonry Connectors	A370	ne	2
Masonry Construction for Buildings	A371	ne	1
Entry Door Systems	A440.6	ns	1
Offshore Structures			
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
Concrete			
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



SUBJECT	NUMBER	TYPE	STATUS
Welding			
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	3
Certification of Welding Inspection Organizations	W178.1	ne	4
Performance Testing of Welders, Tack Welders, and Welding Operators for the Fusion Welding of Steel	W901	ns	3
Forest Products			
Wood Utility Poles and Reinforcing Stubs	O15	ne	1
CSA Standards for Wood Adhesives	O112	ne	1
Eastern White Cedar Shingles	O118.2	ne	1
Procedure for Certification of Pressure-Treated Wood Materials for Use in Preserved Wood Foundations	O322	ne	2
Plumbing Products and Materials			
Cast Iron Soil Pipe, Fittings, and Means of Joining	B70	ne	5
Plumbing Fittings	B125	ne	5
Thermoplastic Pressure Piping Compendium	B137 Series	ne	5
Plastic Nonpressure Pipe Compendium	B1800 Series	ne	5
Industrialized Building Construction			
Industrial and Commercial Storage Racking Systems	A344	ns	2
Certification of Manufacturers of Steel Building Systems	A660	ne	1
Site Preparation, Foundations, and Anchorage of Mobile Homes	Z240.10.1	ne	1
Park Model Trailers	Z241 Series	ne	2
Log Homes and Buildings	Z824	ns	1
Structures (Design)			
Design of Concrete Structures	A23.3	ne	1
Design of Steel Structures	S16	ne	5
Cold-Formed Steel Structural Members	S136	ne	4
Strength Design in Aluminum	S157	ne	4
Falsework for Construction Purposes	S269.1	ne	1
Access Scaffolding for Construction Purposes	S269.2	ne	1
Concrete Formwork	S269.3	ne	1
Masonry Design for Buildings (LSD)	S304.1	ne	2
Code of Practice for Safety in Demolition of Structures	S350	ne	1
Construction of Preserved Wood Foundations	S406	ne	1
Parking Structures	S413	ne	1
Limit States Design of Advanced Composite Materials for Buildings	S806	ns	5
Guideline for Seismic Risk Reduction of Operational and Functional Components (OFC) of Buildings	S832	ns	5