Completed Projects / Projets terminés

New Standards — New Editions — Special Publications

Z245.20-06, 5th edition/Z245.21-06, 4th edition
External Fusion Bond Epoxy Coating for Steel Pipe /
External Polyethylene Coating for Pipe..... $250

- **Z245.20-06** covers the qualification, application, inspection, testing, handling, and storage of materials required for plant-applied fusion bond epoxy (FBE) coating applied externally to bare steel pipe. The coated pipe is intended primarily for buried or submerged service for oil or gas pipeline systems.
- **Z245.21-06** covers the qualification, application, inspection, testing, handling, and storage of materials required for plant-applied polyethylene coating applied externally to pipe, whereby an adhesive is interposed between a bare or epoxy-primed pipe and the polyethylene. The coated pipe is intended primarily for buried or submerged service for oil or gas pipeline systems.

Z341 Series-06, 2nd edition
Storage of Hydrocarbons in Underground Formations..... $300

The A341 Series contains the following standards:

- **Z341.1-06**, *Reservoir Storage*. This standard sets out the minimum requirements for the design, construction, operation, maintenance, abandonment, and safety of hydrocarbon storage in underground reservoir formations and associated equipment. The equipment considered includes the following:
  - storage wellhead and Christmas tree assemblies
  - wells and subsurface equipment
  - safety equipment, including monitoring, control, and emergency shutdown systems.

  Hydrocarbons within the scope of this standard include crude oil, diesel, natural gas, methane, ethane, propane, butane, and other hydrocarbons by themselves or in mixtures.
- **Z341.2-06**, *Salt Cavern Storage*. This standard sets out the minimum requirements for the design, construction, operation, maintenance, abandonment, and safety of hydrocarbon storage in underground salt cavern formations and associated equipment. The equipment considered includes the following:
  - storage wellhead and Christmas tree assemblies
  - wells and subsurface equipment
  - safety equipment, including monitoring, control, and emergency shutdown systems.

  Hydrocarbons within the scope of this standard include crude oil, diesel, natural gas, methane, ethane, propane, butane, and other hydrocarbons by themselves or in mixtures.

Nouvelles normes — Nouvelles éditions — Publications spéciales publiées en français

C802.2-06, 2e édition
Valeurs minimales de rendement pour les transformateurs à sec..... 100 $

Cette norme prescrit les valeurs de rendement énergétique pour les transformateurs à sec. La méthode du coût d'exploitation total (CET) est le moyen recommandé pour arriver à ces valeurs de rendement énergétique, particulièrement pour les services publics d'électricité. Cette norme prescrit aussi une méthode optimale pour les utilisateurs autres que les services publics, fondée sur une modification de la méthode du coût d'exploitation total qui réunit toutes les conditions du coût de l'énergie.

C828-06, 2e édition
Exigences relatives aux performances des thermostats de chauffage électrique individuel des locaux ..... 55 $

Cette norme prescrit des exigences pour les modèles de thermostats prévus pour la commutation d'une charge de chauffage résistive à la tension secteur (120-240 V). Elle inclut les thermostats unipolaires et bipolaires qui commutent la charge par cycle marche-arrêt lent ou rapide. Les modèles visés par cette norme sont les suivants :
a) thermostats à tension secteur, de type mural ;
b) thermostats à tension secteur, de type intégré (jusqu'à 1500 W) ; et
c) thermostats à deux composantes.

Les exigences de cette norme s'appliquent seulement aux thermostats utilisés dans des locaux délimités ; elles ne s'appliquent pas aux unités de chauffage central contrôlées par un thermostat unique non plus qu'aux thermostats utilisés exclusivement pour contrôler des installations de chauffage par rayonnement.

Amendments

CAN/CSA-C802.1-00 (R2005)
Minimum Efficiency Values for Liquid-Filled Distribution Transformers

Revision of Clauses 6.3, 6.4, and 7.

Modifications publiées en français

CAN/CSA-C802.1-00 (C2005)
Valeurs minimales de rendement pour les transformateurs de distribution à isolant liquide

Des modifications ont été apportées aux articles 6.3, 6.4, et 7.

Reaffirmed Standards

B346-M1980 (R2007)
Power-Operated Dispensing Devices for Flammable Liquids

CAN/CSA-C239-02 (R2007)
Performance Standard for Dusk-to-Dawn Luminaires

CAN/CSA-C368.1-M90 (R2007)
Performance Standard for Room Air Conditioners

CAN/CSA-C804-96 (R2007)
Energy Performance of Vending Machines

Formal Interpretations

The following interpretations regarding Clauses 11.6.2 and 16.9 of **CSA standard Z245.1-02,** *Steel Pipe*, have been approved by the Technical Committee on Petroleum and Natural Gas Industry Pipeline Systems and Materials.

Question 1: Except where required by 11.6.1 (e), does the standard require an inspection for laminations in the body of each pipe?

Answer: No.

Question 2: Does the standard require ultrasonic inspection for laminations in the body of each pipe?

Answer: No.

Question 3: Do the dimensional requirements of Clauses 11.6.2 and 16.9 require manufacturers to inspect the entire body of the pipe ultrasonically?

Answer: No. However, Clauses 12.1.1 and 12.2.5 require nondestructive inspection of seamless pipe.

The following interpretations regarding Clause 15.2 (k) of **CSA standard Z245.1-02**, *Steel Pipe*, have been approved by the Technical Committee on Petroleum and Natural Gas Industry Pipeline Systems and Materials.

Question 1: For pipe that is being double jointed by the pipe manufacturer, or their subcontractor, does CSA Z245.1-02 require actual measurement on 24 m nominal length pipe that are joined from two 12 m nominal length pipes?

Answer: Yes.

Question 2: For pipe that is being double jointed by the purchaser of the pipe, or their subcontractor, does CSA Z245.1-02 require actual measurement on 24 m nominal length pipe that are joined from two 12 m nominal length pipes?

Answer: No. The requirements of CSA Z245.1-02 do not apply to the activities of the purchaser.

Formal Interpretations (cont'd)

The following interpretations regarding Clauses 4.8.3.1, 13.3.2.7, and 13.3.4.2 of **CSA standard CAN/CSA-Z662-03**, *Oil and Gas Pipeline Systems*, have been approved by the Technical Committee on Petroleum and Natural Gas Industry Pipeline Systems and Materials.

Question 1: Is the intention of the wording in Clause 4.8.3.1 of standard Z662-03 that the clause covers only steel pipe?

Answer: Yes. The scope of Clause 4.8.3.1 is specific to requirements for uncased steel pipe crossings only.

Question 2: Is the intention of the wording in Clause 4.8.3.1 of standard Z662-03 that only steel pipe may be uncased at road crossings?

Answer: No. Clause 4.8.3.1 does not limit uncased crossings to only steel pipe. The choice of cased or uncased crossings for polyethylene pipe is left to the designer to address.

Under Development

Notice of Intent

For more information about the proposed development of the following new projects, contact Robert Storey at 416-747-2685 or robert.storey@csa.ca:

- **C61215, 2nd edition**
  Crystalline silicon terrestrial photovoltaic (PV) modules — Design qualification and type approval (proposed adoption of IEC 61215, edition 2.0)
- **F378, 5th edition**
  Solar Collectors

Certification and Testing (CSA International)

Informs Notices

Date	Subject	Title
December 18, 2006	Publication of CSA standard C802.2-06, *Minimum Efficiency Values for Dry-Type Transformers.*	Verification Service Announcement No. 31