



New Standards & Editions

B211-00, 2nd edition

Energy Efficiency of Oil-Fired Storage Tank Water Heaters \$50

This standard specifies the method for determining the energy factor for oil-fired storage tank water heaters, and establishes minimum energy efficiency levels. It applies to oil-fired storage tank water heaters with an input rating of 107 000 kJ/hr or 30.5 kW (0.75 USGPH) or less and a manufacturer's specified storage capacity of 190 L (50 US gal) or less.

C282-00, 3rd edition

Emergency Electrical Power Supply for Buildings . . . \$85

This standard covers the design, installation, operation, maintenance, and testing of the equipment required to provide emergency electrical power to loads in buildings and facilities in the event that the normal power source fails. Guidelines on emergency electrical power supply for life support equipment are discussed in an Appendix.

Please note that this standard does not cover:

- emergency electrical power supply systems for hospitals that are covered by CSA standard Z32
- the application of the emergency electrical power supply
- emergency lighting unit equipment
- distribution wiring
- emergency electrical power supplied from batteries.

C282 LOGBOOK-00

Emergency Electrical Power Supply for Buildings Logbook . . . \$15

This logbook provides convenient, easy-to-use worksheets and checklists for recording maintenance activities related to the guidelines in CSA standard C282-00. Enough worksheets are provided to cover the recommended activities for five years.

C300-00, 5th edition

Energy Performance and Capacity of Household Refrigerators, Refrigerator-Freezers and Freezers . . . \$95

This standard applies to both compact and household refrigerators, refrigerator-freezers, and freezers that are electrically operated on a 60 Hz alternating current, with a nominal supply voltage of 115 V. The standard applies to refrigerators and refrigerator-freezers with a capacity up to 1100 L (39 ft³), and freezers with a capacity up to 850 L (30 ft³).

C802.1-00, 1st edition

Minimum Efficiency Values for Liquid-Filled Distribution Transformers \$35

This standard specifies energy efficiencies for liquid-filled distribution transformers. The Total Ownership Cost (TOC) methodology is recommended for achieving these energy efficiencies, particularly for electric utilities. This standard also specifies an optimal method for non-utility users, based on a modified TOC methodology that meets the conditions of energy cost.

The transformers to which this standard applies are single-phase and three-phase, 60 Hz, liquid-filled distribution transformers, rated at 10–833 kV•A for single-phase and at 15–3000 kV•A for three-phase, insulation class 34.5 kV and less.

This standard addresses the test methods and procedures for determining the transformer efficiencies.

C802.2-00, 1st edition

Minimum Efficiency Values for Dry-Type Transformers . . . \$35

This standard specifies energy efficiencies for dry-type transformers. The Total Ownership Cost (TOC) methodology is recommended for achieving these energy efficiencies, particularly for electric utilities. This standard also specifies an optimal method for non-utility users, based on a modified TOC methodology that meets the conditions of energy cost.

The transformers to which this standard applies are single-phase and three-phase, self-contained units or components of larger assemblies, 60 Hz, ANN, rated at 15–833 kV•A for single-phase and at 15–7500 kV•A for three-phase.

This standard addresses the test methods and procedures for determining the transformer efficiencies.

Amendments

Z341-98

Storage of Hydrocarbons in Underground Formations

Revision of the outside front cover, inside front cover, and title page.



Modifications publiées en français

Z341-98

Stockage des hydrocarbures dans les formations souterraines

Des modifications ont été apportées à la première de couverture, à la deuxième de couverture, ainsi qu'à la page titre.

Drafts

Please note: Public comments about the draft standards and proposed amendments listed in this issue are due by March 14, 2001.

To receive copies of the following draft standards, or to offer comments, contact Lidwina Kumar at (416) 747-4188 or lidwina.kumar@csa-international.org:

- **B214, 1st edition**
Installation Code for Hydronic Heating
- **N286.0, 4th edition**
Overall Quality Assurance Program Requirements for Nuclear Power Plants

Proposed New Projects

For more information about the proposed development of the following new standard, contact Sally Richardson at (416) 747-2746 or sally.richardson@csa-international.org:

- **C863, 1st edition**
HID Lamp Ballast

Reaffirmed Standards

CAN/CSA-C358-95 (R2001)

Energy Consumption Test Methods for Household Electric Ranges

C657-95 (R2001)

Energy Performance Standard for Commercial Refrigerated Display Cabinets and Merchandisers

CAN/CSA-C819-95 (R2001)

Performance of General Service Fluorescent Lamps

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
Performance, Energy Efficiency, and Renewables			
Performance of Electric Storage Tank Water Heaters	C191	ne	5
Performance Standard for Dusk-to-Dawn Luminaires	C239	ne	2
Construction Requirements for Storage Tank Water Heaters for Household Service, and Delivery Performance of Electric Storage Tank Water Heaters	C309	ne	C
Standard Methods of Test for Rating the Performance of Heat/Energy Recovery Ventilators	C439	ne	5
Design and Installation of Earth Energy Heat Pump Systems for Commercial, Industrial, Residential and Other Small Buildings (Note: This formerly appeared as C445.)	C448	ne	2
Installation of Electric Storage Tank and Heat Pump Water Heaters for Residential Use	C652	ne	5



SUBJECT	NUMBER	TYPE	STATUS
Performance Standard for Roadway Lighting Luminaires	C653	ne	2
Energy Efficiency for Single- and Three-phase Small Motors	C747	ne	H
Test Method for Measuring Energy Consumption of Electric Arc Welding Equipment	C805	ns	C
Uninterruptible Power Supplies	C813.0	ns	C
Performance Test Methods for Uninterruptible Power Supplies	C813.1	ns	5
Small Fluid Pumps	C820	ns	2
Performance of Internally Lighted Exit Signs	C860	ne	2
Performance of Incandescent Reflector Lamps	C862	ne	4
Performance of Ballast for Use With High Intensity Discharge Lamps	C863	ns	1
Fire Safety and Fuel Burning Equipment			
Oil-Fired Service Water Heaters and Swimming Pool Heaters	B140.12	ne	1
Mechanical Flue-Gas Exhausters	B255	ne	1
Installation Code for Solid-Fuel-Burning Appliances and Equipment	B365	ne	4
Performance Testing of Solid-Fuel-Burning Heating Appliances	B415.1	ne	3
Installation and Maintenance of Farm Stand-by Electric Power	C679	ns	2
Nuclear			
General Requirements for Pressure-Retaining Systems and Components in CANDU Nuclear Power Plants	N285.0	ne	4
Environmental Requirements for the Design of CANDU Nuclear Power Plants	N290.13	ns	2
Requirements for Safety Related Structures for CANDU Nuclear Power Plants	N291	ns	C
Pool Storage of Irradiated CANDU Fuel	N292.1	ns	C
Decommissioning of Facilities Containing Radioactive Materials	N294.0	p	C
Oil & Gas Industry Systems			
Steel Line Pipe	Z245.1	ne	1
Steel Fittings	Z245.11	ne	5
Steel Flanges	Z245.12	ne	5
Steel Valves	Z245.15	ne	5
Liquefied Natural Gas (LNG)–Production, Storage, and Handling	Z276	ne	3