



New Standards & Editions

B415.1-00, 2nd edition
Performance Testing of Solid-Fuel-Burning Heating Appliances \$80

This standard specifies requirements for the performance testing of solid-fuel-burning appliances having an air-fuel ratio averaging less than 35:1. It also specifies maximum emission rates.

This standard specifies a method for determining heat outputs, appliance efficiencies, emission levels and composition, and flue gas flow rates.

“Solid fuel” includes biomass fuels such as cordwood, wood chips, sawdust, peat logs, wood and paper pellets, and kernel corn. It does not include coal.

C439-00, new edition
Standard Laboratory Methods of Test for Rating the Performance of Heat/Energy-Recovery Ventilators . . \$55

This standard applies to packaged heat/energy-recovery ventilators (HRV/ERV) that consist of factory-assembled elements including fans or blowers, in which heat or heat and moisture are transferred between two isolated airstreams.

The standard specifies:

- laboratory methods of testing and procedures for rating the apparent effectiveness and heat-recovery efficiency of an HRV/ERV
- procedures for determining air movement capabilities and the leakage of air from one airstream to another.

Proposed New Projects

For more information about the proposed development of the following new edition, contact Sally Richardson at 416-747-2746 or sally.richardson@csa.ca:

- **C802.3, 1st edition**
Maximum Losses for Power Transformers
(Note: C802.3, C802.1-00, and C802.2-00 will supersede CAN/CSA-C802-94 (R1999).)

For more information about the following proposed new editions, contact Mike Dodd at 416-747-2322 or mike.dodd@csa.ca:

- **B139, 7th edition**
Installation Code for Oil Burning Equipment
- **B140.0, 3rd edition**
Safety of Oil Burning Appliances and Equipment: General Requirements
- **B140.4, 4th edition**
Oil-Fired Warm Air Furnaces
- **B140.7.1, 4th edition**
Oil-Fired Steam and Hot Water Boilers for Residential Use
- **B140.10, 2nd edition**
Oil-Fired Warm Air Heating Appliances for Mobile Homes and Recreational Vehicles
- **B140.12, 4th edition**
Oil-Fired Service Water Heaters for Domestic Hot Water and Space Heating Use
- **B255, 3rd edition**
Mechanical Flue Gas Exhausters

Drafts

Please note: Public comments about the following draft standards are due by June 7, 2001. To receive copies, or to offer comments, contact Lidwina Kumar at 416-747-4188 or lidwina.kumar@csa.ca:

- **C239, 4th edition**
Performance Standard for Dusk-to-Dawn Luminaires
- **C802.3, 1st edition**
Maximum Losses for Power Transformers
(Note: C802.3, C802.1-00, and C802.2-00 will supersede CAN/CSA-C802-94 (R1999).)

Reaffirmed Standards

N293-95 (R2001)
Fire Protection for CANDU Nuclear Power Plants



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 Standard for Dusk-to-Dawn Luminaires	C239	ne	2
Energy Consumption Test Methods for Household Electric Ranges	C358	ne	2
Test Method for Measuring Energy Consumption and Drum Volume of Electrically Heated Household Tumble-Type Clothes Dryers	C361	ne	2
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
Performance Standard for Roadway Lighting Luminaires	C653	ne	2
Performance Standard For Rating Packaged Water Chillers	C743	ne	2
Energy Efficiency for Single- and Three-phase Small Motors	C747	ne	H
Maximum Losses for Power Transformers	C802.3	ns	1
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	4
Performance of Incandescent Reflector Lamps	C862	ne	3
Performance of Ballast for Use With High Intensity Discharge Lamps	C863	ns	1
Water-Source Heat Pumps—Testing and Rating for Performance—Part 1: Water-To-Air and Brine-To-Air Heat Pumps	C13256-1	ns	5
Water-Source Heat Pumps—Testing and Rating for Performance—Part 2: Water-To-Water and Brine-To-Water Heat Pumps	C13256-2	ns	5
Crystalline Silicon Terrestrial Photovoltaic (PV) Modules Design Qualification and Type Approval	C61215	ns	2
Residential Mechanical Ventilation Systems	F326	ne	2
Fire Safety and Fuel Burning Equipment			
Installation Code for Oil Burning Equipment	B139	ne	2
General Requirements for Oil Burning Equipment	B140.0	ne	2
Oil Fired Furnaces	B140.4	ne	2
Oil Fired Steam and Hot Water Boilers for Residential Use	B140.7.1	ne	2
Oil Fired Steam and Hot Water Boilers for Commercial and Industrial Use	B140.7.2	ne	1
Oil Fired Warm Air Heating Appliances for Mobile Housing and Recreational Vehicles	B140.10	ne	2
Oil-Fired Service Water Heaters and Swimming Pool Heaters	B140.12	ne	2
Installation Code for Hydronic Heating Systems	B214	ne	4
Mechanical Flue-Gas Exhausters	B255	ne	2
Installation and Maintenance of Farm Stand-by Electric Power	C679	ns	2



SUBJECT	NUMBER	TYPE	STATUS
Nuclear			
General Requirements for Pressure-Retaining Systems and Components in CANDU Nuclear Power Plants	N285.0	ne	4
Periodic Inspection of CANDU Nuclear Power Plant Components	N285.4	ne	2
Material Standards for Reactor Components for CANDU Nuclear Power Plants (This series consists of N285.6.1–N285.6.9.)	N285.6 Series	ne	2
Technical Requirements for In-Service Evaluation of Zirconium Alloy Pressure Tubes in CANDU Reactors	N285.8	ns	3
Management System Requirements for Nuclear Power Plants	N286.0	ne	2
Environmental Requirements for the Design of CANDU Nuclear Power Plants	N290.13	ns	3
Fire Protection for CANDU Nuclear Power Plants	N293	ne	1
Oil & Gas Industry Systems			
Steel Line Pipe	Z245.1	ne	2
Coiled Aluminum Line Pipe and Accessories	Z245.6	ne	2
Steel Fittings	Z245.11	ne	5
Steel Flanges	Z245.12	ne	5
Steel Valves	Z245.15	ne	5
External Fusion Bond Epoxy Coating for Steel Pipe	Z245.20	ne	2
External Polyethylene Coating for Pipe	Z245.21	ne	2
Liquefied Natural Gas (LNG)—Production, Storage, and Handling	Z276	ne	4
Storage of Hydrocarbons in Underground Formations	Z341	ne	2
Oil and Gas Pipeline Systems	Z662	ne	2
Commentary on Z662	Z662.1	spec	5