



TECHNICAL STANDARDS
& SAFETY AUTHORITY
4TH Floor, West Tower
3300 Bloor Street West
Toronto, Ontario
Canada M8X 2X4

IN THE MATTER OF

THE SAFETY AND CONSUMER STATUTES ADMINISTRATION ACT 1996

and

THE TECHNICAL STANDARDS AND SAFETY ACT 2000

TAKE NOTICE THAT:

In accordance with the provisions of the *Technical Standards and Safety Act, 2000*, the attached document entitled, "The Fuel Oil Code Adoption Document" has been issued by the Technical Standards and Safety Authority and is intended to be adopted by Fuel Oil Regulation.

June 1st, 2001

ORIGINAL SIGNED

Mike Philip
Director,

Gasoline Handling Act



FUEL OIL

CODE ADOPTION DOCUMENT

June 1, 2001

FUEL OIL CODE ADOPTION DOCUMENT

Issued by: FUELS SAFETY DIVISION
TECHNICAL STANDARDS AND SAFETY AUTHORITY

FORWARD

The Fuel Oil Regulation made under the *Technical Standards and Safety Act* adopts this Code Adoption Document for the Province of Ontario.

Definitions in the Code Adoption Document have the same meaning as the Fuel Oil Regulation made under the *Technical Standards and Safety Act*.

The Regulation entitled Fuel Oil made under the Technical Standards and Safety Act adopts and implements this Document for all of Ontario. (This Document adopts the National Standard of Canada CAN/CSA-B139-00, Installation Code for Oil Burning Equipment , published April 2000, as amended.)
Inquiries regarding this Code may be addressed to the address below.

In the event of conflict between a provision of this Document and adopted codes and standards, this Document shall prevail.

Technical Standards and Safety Authority
Fuels Safety Division
3300 Bloor Street West, 14th Floor,
Centre Tower
Toronto ON M8X 2X4

Tel: toll free 1-877-682-8772
Fax: (416) 231-7525
e-mail: customerservices@tssa.org

Fuel Oil

Effective October 1, 2001

1. The B139-00 entitled "Installation Code for Oil Burning Equipment" prepared by CSA International, is adopted with the following amendments:
Section 2.1 is amended by adding to it the following:

spill means an escape of product into the environment or inside a building where the escape is not caused by a defect in a vessel or other equipment;

leak means a defect in a vessel or other equipment resulting in the escape of product;

discovery means finding out or becoming aware;
- 1.2. Section 3.1.2 is revoked and the following is substituted thereof:
3.1.2 Appliances designed to burn used-oil shall not be installed in buildings intended to be used for residential occupancy.
- 1.3 Section 3.5.3 is revoked.
- 1.4 Section 3.7 is revoked and the following is substituted thereof:
3.7 Electrical wiring and equipment shall be installed in accordance with the Electrical Safety Code made under the Electrical Act, 1998.
- 1.5 *Section 3.8 is revoked and the following is substituted thereof:

3.8 When gas burning equipment is used in connection with oil-burning equipment, the gas burning equipment shall be installed in accordance with the Ontario Natural Gas and Propane Code Adoption Document.
- 1.6 Section 6.1 is amended by adding thereto the following:
6.1 Storage and supply tanks not specified in clause 6.2.1.1 shall conform to Appendix A of this Code.
- 1.7 Section A.2.1.2 is revoked and the following is substituted thereof:

A.2.1.2 Underground tanks with double wall containment shall be installed.
- 1.8 Section A.6.4.3 is revoked and the following is substituted thereof:
A.6.4.3 An aboveground tank system with a maximum capacity of 50 000 L and conforming to ULC standards S653, and S655 shall be considered to be in compliance with the secondary containment requirements of this code.
- 1.9 The title for Table A1 is amended and the following is substituted thereof:
Schedule for Upgrading Existing Underground Tank Systems

Fuel Oil

1.10 The following section is added to the B139-00,

- 16.1 In the event of the suspicion of a leak or where required by the Director, the owner of a facility, the authorization holder of a facility, the owner of the storage tank system, the authorization holder of the storage tank system, the owner of the property in which the equipment is installed, the user of the equipment, or the driver of the tank vehicle as the case may be, shall confirm whether a leak exists and determine the source of the leak.
- 16.2 In the event of a spill, or where a leak is confirmed, or where there is discovery of a petroleum product that has escaped to the environment or inside a building or where required by the Director, the owner of a facility, the authorization holder of a facility, the owner of the storage tank system, the authorization holder of the storage tank system, the owner of the property in which the equipment is installed, the user of the equipment, or the driver of the tank vehicle, as the case may be, shall notify the Director as outlined in TSSA standard Environmental Management Protocol for Operating Fuel Handling Facilities in Ontario (*Note: Notify the Director of a spill, leak or discovery of a petroleum product that has escaped to the environment or inside a building through the Spills Action Centre of the Ministry of Environment at 1-800-268-6060*) and shall
- a) Forthwith notify the Director in the event of a fire or explosion and remove any potential for fire or explosion hazard,
 - b) Provide all information to the Director or an inspector, as required,
 - c) cease the use of and empty products from any leaking part of the storage tank system,
 - d) repair, replace, or remove all defective underground or aboveground storage tank systems or equipment, and
 - e) do everything practical to comply with Environmental Management Protocol for Operating Fuel Handling Facilities in Ontario .
- 16.3 Where aboveground or underground storage tank systems have been removed permanently, the owner for a facility, the operator of a facility , the owner of the storage tank system, the operator of the storage tanks system, or the owner of the property on which the equipment is installed, as the case may be, shall
- a) have an assessment report completed which delineates the full extent of any petroleum product that has escaped to the environment or inside a building both on-site and where necessary and practical, off-site, and
 - b) forthwith notify the TSSA of the tank(s) removal.

Fuel Oil

- 16.4 Tank replacements for maintenance purposes or due to a change of supplier are not deemed to be permanent site closures.
2. The terms used in this document have the same meaning as in the Fuel Oil Regulation made under the Technical Standards and Safety Act.
 3. In the event of a conflict between any provision in a code or standard adopted in this Document and this Document, this Document shall prevail.