

Regulatory Authorities in Canada

Federal Contact

Oil, Gas and Energy Division
Environment Canada
13 Floor, Place Vincent Massey
Ottawa, Ontario
K1A 0H3
Canada
819-997-1221
819-953-8903 (fax)

Provincial Authorities

British Columbia

B.C. Ministry of Environment
Technical Services
Suite 1106
1175 Douglas Street
Victoria, British Columbia
V8V 1X4
Canada
604-387-9952
604-953-3856 (fax)

Office of the Fire Commissioner
Ministry of Municipal Affairs,
Recreation and Culture
3rd Floor, 800 Johnson Street
Victoria, British Columbia
V8V 1X4
Canada
604-356-9000
604-356-9019 (fax)

Alberta

Tank and tank site regulations are found in the Alberta Fire Code, administered by Alberta Labour. Site cleanup requirements are found in the Remediation Guidelines for Petroleum Storage Sites and is administered by the Department of Environmental Protection. Underground and aboveground tanks must be registered with the Petroleum Tank Management Association of Alberta. All new underground construction must include cathodic protection on steel tanks and piping, tank and pipe leak detection

(monitored at least monthly), overflow protection, spill containment at filler tubes and tight couplings on the fillers. New underground Class A construction must include secondary containment on tanks and piping.

All existing underground systems must upgrade to include all the requirements of a Class B development (which excludes secondary containment).

All aboveground storage tanks require secondary containment. For complete details on regulations pertaining to the storage of flammable or combustible materials please refer to the Alberta Fire Code.

Spills or leaks in excess of 100 litres must be reported to a fire official within 24 hours if any of the following occur:

- Any unexplained loss of 0.5% or more of the throughput from an underground tank or loss of 2.0% from an aboveground tank, for each stored product in a calendar month.
- Five consecutive days of unexplained losses in one calendar month.
- 18 days of unexplained losses in one calendar month.
- Water at the bottom of an underground storage tank in excess of 50 mm.
- Failure of a precision leak test.
- Failure of a hydrostatic pipe test which indicates a pressure drop of more than 34 kPa per minute.
- Product in a monitoring well or drinking water well.
- The signal of any warning system associated with monitoring devices.

Releases to the environment in excess of 200 litres must be reported to the Department of Environmental Protection (Pollution Control Division) at 1-800-222-6514.

PTMAA
Petroleum Tank Management
Association of Alberta
Suite 1560, 10303 Jasper Avenue
Edmonton, Alberta
T5J 3N6
Canada
403-425-TANK
403-425-4722 (fax)

Alberta Environment
5th Floor, Oxbridge Place
9820 - 106 Street
Edmonton, Alberta
T5K 2J6
Canada
403-427-6182
403-422-5120 (fax)

Technical Services
Building and Fire Safety
Alberta Labour
701, 10808 - 99 Avenue
Edmonton, Alberta
T5K 0G5
Canada
403-427-8265
403-422-3562 (fax)

Saskatchewan

Hazardous Substances and Waste Dangerous Goods Regulations

All petroleum storage systems (underground and aboveground) must comply with the Saskatchewan Regulation Chapter E - 10.2, Regulation 3, The Hazardous Substances and Waste Dangerous Goods Regulations as follows:

- All underground storage tanks for hazardous substances (including petroleum products) waste dangerous goods (including waste oil) must be registered.
- Aboveground tanks with an individual capacity of 4,000 litres or aggregate of 4,000 litres at one site must register with the department.
- Department approval is required prior to upgrading an existing or installing a new storage facility.
- All upgrading and new installations must be supervised or performed by a qualified person.

Department approval is required prior to decommissioning of a storage facility. For more information contact:

Saskatchewan Environment and Resource Management
Environmental Protection Branch
3211 Albert Street
Regina, Saskatchewan
S4S 5W6
Canada
Wilfrid Schumacher (306) 787-0463
(306) 787-0197
Sam Ferris (306) 787-6193
(306) 787-0197

Chemical Management Section
Air and Land Protection Branch
Saskatchewan Environment and Public Safety
3085 Albert Street

Regina, Saskatchewan
S4S 0B1
Canada
306-787-6185
306-787-0197 (fax)

Department of Community Services
Fire Commissioner's Office
1870 Albert Street
Regina, Saskatchewan
S4P 3V7
Canada
306-787-4516
306-787-9273 (fax)

Manitoba

The Storage and Handling of Gasoline and Associated Products Regulation

Only petroleum storage tanks registered with Manitoba Environment can be operated in Manitoba. All petroleum storage tank installations and alterations in Manitoba must be registered with Manitoba Environment prior to start of the project. All new tank installations must meet design and installation standards as set out in regulations under the Manitoba Environment Act. New tank installations must be tested before they are set into operation. Daily inventory balance records on an approved form must be maintained for underground petroleum tanks for each day of operation. Weekly inventory balance records on an approved form must be maintained for aboveground vertical tanks or any aboveground tanks (vertical or horizontal) having underground piping.

Confirmed leaks from a storage tank system and any petroleum spill over 100 litres must be reported immediately. Manitoba Environment's 24 hour emergency reporting number is: 204-945-4888 in Winnipeg.

An underground tank which has been out of service for a period of 12 months or more is considered to be abandoned and must be either removed from the ground or filled with inert material subject to conditions set out by Manitoba Environment. Manitoba Environment can issue orders to the owners or operator of a petroleum storage tank or the present or previous owner of the property to determine the nature and extent of any contamination which may have resulted from the operation of the storage tank system and to conduct the necessary site remediation.

Current Manitoba legislation under the Environment Act applies to all underground storage tanks, regardless of capacity, and to all aboveground storage tanks with a capacity of 4545 litres or more.

For further information contact:

Manitoba Conservation
Box 46 – 200 Saulteaux Cres.
Winnipeg, Manitoba

R3J 3W3
Canada
(204) 945-7061
(204) 948-2420 (fax)

Operations, Winnipeg Region
Department of Environment
Building 2
139 Tuxedo Avenue
Winnipeg, Manitoba
R3N 0N6
Canada
204-945-7110
204-945-5229 (fax)

Ontario

The Fuels Safety Division of the Technical Standards and Safety Authority is responsible for public safety through Ontario Acts, Regulations and Codes for gasoline and other petroleum product systems.

Technical Standards and Safety Authority
Mutual Group, West Tower
3300 Bloor Street West, 4th Floor
Etobicoke, Ontario
M8X 2X4
Canada
416-234-6030
416-234-6037 (fax)

Ministry of Environment and Energy
North Eastern Region
Sudbury Regional Office
199 Larch Street, 11th Floor
Sudbury, Ontario
P3E 5P9
Canada
705-675-4501
705-675-4180 (fax)

Ontario Fire Marshall's Office
Ministry of the Solicitor General
7 Overlea Boulevard, 3rd Floor
Toronto, Ontario
M4H 1A8
Canada

416-965-4852
416-965-7620 (fax)

Quebec

Petroleum Products Branch
Department of Natural Resources
5700 - 4th Avenue West
Room B405
Charlesbourg, Quebec
G1H 6R1
Canada
418-643-3327
418-528-0690 (fax)

New Brunswick

Petroleum Product Storage and Handling Regulation

All petroleum storage systems (underground and aboveground) must conform to NB Regulation 87-97 - "Petroleum Product Storage and Handling Regulation - Clean Environment Act" as follows:

All petroleum storage systems with a total capacity of 2000 litres, or greater, must be registered and receive a yearly license to operate. An Environmental Approval must be received before installing any new petroleum system. All work on petroleum systems must be performed by a licensed petroleum installer. New product installations must be installed to the "Construction Standards for the Installation and Removal of Petroleum Storage Tanks" revised yearly.

For further information contact:

Industrial Programs Section
Department of the Environment
PO Box 6000
364 Argyle Street
Fredericton, New Brunswick
E3B 5H1
Canada
506-457-4848
506-453-2265 (fax)

Nova Scotia

Nova Scotia has recently passed a comprehensive Environmental Act combining and updating all existing environmental acts. In conjunction with this, revised Petroleum Storage Regulations, effective April 1, 1995 will be issued. Amendments to existing regulations include:

Standards for installation of storage tank systems are specified. All work on storage tank systems must be performed by registered installers who must meet specific education and experience requirements. All new installations shall meet requirements for Class A sites. A ban will exist on installing new underground storage systems with a capacity of less than 2000 litres. Steel underground systems which do not meet specified standards must be removed before reaching 15 years of age. Registration requirements extended to systems having total capacity of 2000 litres for underground systems or 4000 litres for aboveground. All storage tank systems shall be identified by posting the registration number on the filling manifold.

For more information contact:

Brent K. Baxter
Hazardous Materials Engineer
5151 Terminal Road, PO Box 2107
Halifax, Nova Scotia
B3J 3B7
(902) 424-5300
(902) 424-0503 (fax)

or,

Christine Hodgson
Petroleum Storage Registry
Central Region, Suite 224
Sunnyside Mall
1595 Bedford Highway
Bedford, Nova Scotia
B4A 3Y4
(902) 424-7773
(902) 424-0597 (fax)
Petroleum Storage Tank Systems
Department of the Environment
PO Box 2107
5151 Terminal Road
Halifax, Nova Scotia
B3J 3B7
Canada
902-424-5300
902-424-0503 (fax)

Newfoundland and Labrador

Industrial Environmental
Engineering Division
Department of Environment and Lands
PO Box 8700
St John's, Newfoundland
A1B 4J6
Canada

709-729-2561
709-729-1930 (fax)

Prince Edward Island

Environmental Protection Act, Petroleum Storage Tanks Regulations No.EC187/90

All underground petroleum storage tank systems and all aboveground petroleum storage tanks, 2000 litres and greater with part of the tank shell in contact with the ground must comply with the PEI Petroleum Storage Tank Regulations.

All underground petroleum storage tanks must be registered regardless of size. All aboveground petroleum storage tanks 2000 litres or greater with part of the tank shell in contact with the ground must be registered. All unprotected steel underground tanks must be removed prior to its reaching 15 years of age. All new underground tank systems and specific aboveground systems must be approved prior to installation. All new installations must be performed by a licensed Level II contractor. Removals may be performed by a licensed Level I or Level II contractor. All removed tanks must be disposed of in an approved manner.

For more information contact:

Danny McInnis (Field Supervisor)
The Prince Edward Island Department of Environmental Resources
Environmental Protection Branch
Department of the Environment
PO Box 2000
Charlottetown, Prince Edward Island
C1A 7N8
Canada
902-368-5057 or 902-3368-5059
902-368-5830 (fax)

Territorial Authorities

Yukon

Public Safety Branch
Department of Community and Transportation Service
Box 2703, 2nd Avenue
Whitehorse, Yukon
Y1A 2C6
Canada
403-667-5824
403-667-7209 (fax)

Northwest Territories

Office of the Fire Marshal
Department of Public Services

Government of Northwest Territories
Main Floor, Northway Building
Box 1302, 49th Avenue
Yellowknife, Northwest Territories
X1A 2L9
Canada
403-873-74742
403-873-0117