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**REGULATORY REQUIREMENTS for  
ABOVEGROUND STORAGE TANKS and STORAGE TANK SYSTEMS  
Less than 5000 Litres  
For Petroleum Products and Allied Products**

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**Requirement**

All storage of petroleum product and allied product in containers 230 L and greater must be in compliance with the *Storage and Handling of Petroleum Products and Allied Products Regulation, M.R. 188/2001* (the Regulation) pursuant to the *Dangerous Goods Handling and Transportation Act*.

Aboveground tanks greater than 230 L and less than 5000 L are subject to partial application of Regulation, as per Section 3 of the Regulation. Aboveground tanks must be ULC certified and must have approved secondary containment.

UN certified Intermediate Bulk Containers (IBC) meet Transport Canada's requirements for transportation of a product, but may not be suitable for storage of the product at a facility or operation. Contact Transport Canada for further information on transporting dangerous goods.

**Definitions**

*Storage tank*, in relation to an underground storage tank system or an aboveground storage tank system with a capacity of more than 230 L, means a closed container that is used or designed to be used for the storage of petroleum products or allied petroleum products in a fixed location.

*Storage tank system* means a system for the storage and dispensing of petroleum or allied petroleum product and is not limited to *storage tanks*, associated piping, vents, pumps, and dispensing equipment.

*Petroleum product* means a single product or mixture of at least 70% hydrocarbons, by volume, refined from crude oil, with or without additives, that is used, or could be used, as a fuel, lubricant, or power transmitter and without restricting the foregoing, such products include gasoline, diesel fuel, aviation fuel, kerosine, naphtha, lubricating oil, fuel oil, engine oil and used oil, and exclude propane, paint, and solvents.

*Allied petroleum product* means a product set out in the Schedule [of the Regulation].

*Total capacity* means the combined capacity of inter-connected storage tanks that are constructed, connected or located so that petroleum products or allied petroleum products may flow between the tanks by way of piping or similar connections without being pumped or otherwise forced by artificial means.

## **Background**

Manitoba Regulation MR 188/2001 *Storage and Handling of Petroleum Products and Allied Products Regulation*, specifies requirements for the storage and handling of petroleum products and allied products.

Section 3 of the Regulation lists the sections which apply to aboveground storage tank systems with a total capacity of less than 5000 L.

## **Acceptable Storage Tank Systems**

- An aboveground storage tank greater than 230 L must be constructed to one of the ULC standards set out in the 2003 *CCME Environmental Code of Practice for Aboveground and Underground Storage Tank Systems Containing Petroleum and Allied Petroleum Product, PN 1326*.
- Aboveground storage tanks must have secondary containment provided in the form of a double walled tank, or a single walled tank installed within approved secondary containment.

## **Other Useful information**

- When it is not known if a product is a petroleum product or an allied petroleum product, refer to the MSDS for product details.
- Where a petroleum product or allied product is received at a facility in an IBC, that product may not be stored in that container (unless that container is also ULC certified for storage) and must be transferred to:
  - a) a storage tank constructed, installed and operated in accordance with the Petroleum Storage Regulation, or
  - b) a drum or other container or combination of containers each of which has a total capacity of 230 L or less.
    - a. a storage drum with a capacity of 230 L or less is not subject to the Regulation. Consult your local municipality for more information.

## **Useful Links**

Manitoba Conservation's Petroleum Storage Program web page:

<http://www.gov.mb.ca/conservation/envprograms/psp/index.html>

Manitoba Regulation MR 188/2001 *Storage and Handling of Petroleum Products and Allied Products Regulation*:

<http://web2.gov.mb.ca/laws/regs/pdf/d012-188.01.pdf>

Canadian Council of Ministers of the Environment web page:

<http://www.ccme.ca/publications/>

Transport Canada – Transportation of Dangerous Goods web page :

<http://www.tc.gc.ca/tdg>

**For more information, please contact:**

[PetroleumStorageProg@gov.mb.ca](mailto:PetroleumStorageProg@gov.mb.ca)

Or your [Regional Environment Officer](#).