

GUIDELINE TITLE: Classification and Use of Jobsite Storage Tank Systems

BRANCH/DIVISION: Environmental Programs and Strategies/Environmental Stewardship

Effective Date: February 17, 2015

Approved By: EMC

Date Reviewed:

Date Revised:

INTENT

To classify Jobsite Storage Tanks, and provide siting and operation requirements for these tanks.

GUIDELINE

I. Application and General Requirements

1. Jobsite Storage Tanks are aboveground storage tank systems which are used in remote work locations for short term projects of twelve (12) months or less.
 - a. Aboveground storage tanks meeting the above criteria with capacities of 5000 L or greater, are subject to a permit to operate.
2. Jobsite Storage Tanks are subject to the *Storage and Handling of Petroleum Products and Allied Products Regulation* M.R. 188/2001 (the Regulation).
3. Jobsite Storage Tanks must meet technical requirements described in the 2003 Environmental Code of Practice for Aboveground and Underground Storage Tank Systems Containing Petroleum and Allied Petroleum Products (the Code of Practice).
4. ULC-S601-07 and ULC-S653-06 may be operated as Jobsite Storage Tanks in accordance with this guideline.
5. Jobsite Storage Tanks must not be filled and/or operated while mounted to trailers.

II. Definitions

6. **Remote work locations:** Remote work locations are areas which do not have reasonable access to diesel fuel or gasoline.
7. **Short term projects:** Projects of twelve (12) month durations or less.

III. Prior to Mobilizing the Jobsite Storage Tanks

8. Jobsite Storage Tanks shall be inspected annually by a Petroleum Technician licensed to construct/alter aboveground storage tanks in Manitoba.
 - a. The Jobsite Storage Tank may be inspected while at the tank owner's maintenance yard prior to dispatching the tank, or on location at the jobsite.
 - b. The Licensed Petroleum Technician will provide the tank owner with a Work Completion Certificate for Inspection of Jobsite Storage Tanks and a completed Jobsite Storage Tank inspection checklist for each tank. These documents must accompany the Application for Permit to Operate submitted by the operator.

IV. Mobilizing the Jobsite Storage Tank

9. Jobsite Storage Tanks must be transported empty.
10. The tank must be purged to reach either:
 - a. a maximum reading of 10% LEL at any depth within the tank, or
 - b. a reading of less than 5% oxygen at any depth within the tank.
11. Hazardous waste must be removed in accordance with the Dangerous Goods Handling and Transportation Act, and with approval from the Regional Environment Officer.

V. Siting of the Jobsite Storage Tank for Operation Prior to Receiving Fuel

12. A Jobsite Storage Tank must be handled in accordance with manufacturer's instructions.
13. A Jobsite Storage Tank must be supported above grade level.
14. The Jobsite Storage Tank must be located on a level prepared base, suitable for supporting the tank and its contents.
15. Impact protection must be provided in accordance with Technical Bulletin PSF-004, May 2014.
16. Product transfer area spill containment must be provided in accordance with Technical Bulletin PSF-001, May 2010.
17. An emergency response plan must be in place and adequate spill response materials must accompany each Jobsite Storage Tank.
18. The Jobsite Storage Tank must be located a minimum 100 meters (328 feet) away from a body of water.
19. A visual inspection of the condition of the Jobsite Storage Tank must be conducted and documented in the Log Book.

VI. Operating the Jobsite Storage Tank

20. A copy of the Permit to Operate must be maintained and located in a visible location at the Jobsite Storage Tank at all times.
 - a. This includes when the Jobsite Storage Tank is not being manned.
21. A Log Book must be maintained by the tank owner.
 - a. The Log Book template provided by this Department must be used.
 - b. The Log Book must be kept up to date, and completed in full at all times.
 - c. Upon request by an Environment Officer, the Log Book must be made available within 24 hours either in hard copy or electronically.

VII. Spills, Leakages and Emergency Situations

22. Any spills and leakages must be managed in accordance with Part 7 of the *Storage and Handling of Petroleum Products and Allied Products Regulation* M.R. 188/2001.
23. Spills of reportable quantities of petroleum and/or allied products (Class 3 liquids) must be immediately reported to the Environmental Emergency 24 hour Phone Line, in accordance with the *Environmental Accident Reporting Regulation*.

Environmental Emergency 24 hour Number: 1-855-944-4888

24. Where a Jobsite Storage Tank has been damaged or displaced while containing product, the incident must be reported to Environmental Emergency 24 hour Phone Line.
 - a. Jobsite Storage Tank may not be righted or returned to service until given approval by an Environment Officer.

