# Application for a Permit to Construct or Alter a Petroleum Storage Tank System



#### Storage and Handling of Petroleum Products and Allied Products Regulation, M.R. 188/2001

**Instructions:** In accordance with Part 4 of the Storage and Handling of Petroleum Products and Allied Products Regulation, submit completed application and all associated documents, listed in Part G, to the Petroleum Storage Program, c/o Environmental Compliance and Enforcement. Incomplete applications will be returned to the applicant unprocessed.

Select all that Apply:	Construction Permit	Alteration Permit		
	Aboveground	Underground		

### Part A: Licensed Petroleum Technician (LPT) Information

Name:		LPT Number:
Employer of LPT:(Corporation or individual's name)		
Mailing Address:		
City/Town/Village:	Province:	Postal Code:
Telephone:	Fax:	
Email:		

#### Part B: Storage Tank System Owner Information

Legal Name:		
Mailing Address:		
City/Town/Village:	Province:	Postal Code:
Contact Person:	т	itle:
Telephone:	Fax:	
Email:		

Operation Name:	
Permit Number:	Permit Expiry:
<b>Operator:</b> (Corporation or individual's name)	
Tank Location (required):           Provide Legal land description [ex.: civic address; sect	ion-township-range; River Lot/ parish.]
GPS (optional):	
Mailing Address:	
City/Town/Village: Province	: Postal Code:
Contact Person:	Title:
Telephone:	Fax:
Email:	

### Part C: Storage Tank System Information

### Part D: Facility Type Information

Facility Type	Total System Capacity	Miscellaneous Storage				
<ul> <li>bulk storage</li> <li>gas bar</li> <li>card lock</li> <li>fleet vehicles</li> <li>aviation</li> </ul>	<ul> <li>□ 0 - 50,000 litres</li> <li>□ &gt;50,000 - 100,000 litres</li> <li>□ &gt;100,000 - 500,000 litres</li> <li>□ &gt;500,000 - 1,000,000 litres</li> <li>□ &gt;1,000,000 litres</li> </ul>	<ul> <li>heating/generator fuel</li> <li>allied petroleum products</li> <li>engine oil</li> <li>petroleum</li> <li>other petroleum oils (new or used)</li> </ul>				
job site storage						

### Part E: Site Sensitivity

Distance to nearest groundwater well:
Depth to groundwater table:
Distance to nearest surface water body:
Distance to nearest subsurface structure:

Part E: Site Sensitivity, continued	
Neighbouring Land Use	Underlying Soil Conditions
agricultural	sand/gravel
residential/parkland	clay
commercial	till (mix of sand, gravel and clay)
industrial	bedrock

### Part F: Tank Removal Activity

Will existing tanks be removed at the time of construction / alteration?			
If NO, please move on to Part G of the application. If YES, please complete the rest of this section.			
Are you the contracted LPT to remove the tanks?			
Removal Permit number:			
Removal Permit issue date:			

### Part G(a) and G(b): Underground or Aboveground Storage Tank System Information

Instructions: For underground storage tanks, complete Part G(a). For aboveground storage tanks, complete G(b).

Should more than five (5) tanks be involved with the project, copy the applicable section and add to the Contruction or Alteration Permit Application. Any measurements or volumes must be noted in metric (ex: litres and metres). Incomplete applications will be returned, unprocessed, to the applicant.

#### Used Tanks:

If used tanks are being installed, the address for the previous tank location and the name of the operation owner must be provided on a separate piece of paper.

Upon completion of construction, the licensed petroleum technician must submit copies of the test results for the used tank(s), as required in Section 3.7 of the CCME Code of Practice, along with the Work Completion Certificate.

### Part G(a): Underground Storage Tank System Information

Storage Tank Information					
Tank ID No. (as per attached site plan)					
Status					
(1) existing	□ 1	□ 1	□ 1	□ 1	□ 1
(2) new	□ 2	□ 2	□ 2	□ 2	□ 2
Nominal Tank Capacity (in litres)					
Tank Manufacturer					
Year Tank Was Manufactured					
Serial No.					
Year of Installation (existing tanks)					
Contents					
(1) gasoline	□ 1			□ 1	□ 1
(2) diesel	□ 2	□ 2	□ 2	□ 2	□ 2
(3) aviation fuel				$\square$ 3	$\square$ 3
(4) alcohol blends				$\square$ 4	$\square$ 4
(5) heating/furnace oil				$\square$ 5	□ 5
(6) used oil				$\square$ 6	$\square$ 6
(7) lube oil	$\square$ 7				
(8) allied petroleum products					
name:					
(9) other:	□ 9	□ 9	□ 9	□ 9	□ 9
Tank Construction					
(1) ULC 603 – Steel	□ 1		□ 1	□ 1	□ 1
Single/Double Wall (circle one)					
(2)ULC 603.1 – Steel	□ 2	□ 2	□ 2	□ 2	□ 2
Single/Double Wall (circle one)					
(3)ULC 615 – FRP	□ 3	□ 3	□ 3	□ 3	□ 3
Single/Double Wall (circle one)					
(4) Other:	□ 4	□ 4	□ 4	□ 4	□ 4
Internal Protection	□ Y	□ Y	□ Y	□ Y	□ Y
	□ N	□ N	□ N	□ N	□ N
External Corrosion Protection					
(1) none ( <i>including paint</i> )	□ 1	□ 1	□ 1	□ 1	□ 1
(2) sacrificial anode	□ 2	□ 2	□ 2	□ 2	□ 2
cathodic protection	□ 3	□ 3	□ 3	□ 3	□ 3
(3) impressed current					
cathodic protection	□ 4	□ 4	□ 4	□ 4	□ 4
(4) external coating					
Piping Information					
Piping					
(1) single wall	□ 1	□ 1	□ 1	□ 1	□ 1
(2) double wall	□ 2	□ 2	□ 2	□ 2	□ 2
Piping Material					
(1) bare or painted steel	□ 1	□ 1	□ 1	□ 1	□ 1
(2) galvanized steel	□ 2	□ 2	□ 2	□ 2	□ 2
(3) plastic covered steel	□ 3	□ 3	□ 3	□ 3	□ 3
(4) cathodic protection	□ 4	□ 4	□ 4	□ 4	□ 4
(5) fibreglass reinforced plastic	□ 5	□ 5	□ 5	□ 5	□ 5
(6) flexible plastic	□ 6	□ 6	□ 6	□ 6	□ 6
(7) other:	□ 7	□ 7	□ 7	□ 7	□ 7

# Part G(a): Underground Storage Tank System Information (continued)

Pump Information									
Pumping System									
(1) Suction – with vertical in-line check		1		1		1		1	□ 1
valve at product dispenser									
(2) Suction – with vertical in-line check		2		2		2		2	□ 2
valve at tank									
(3) Submersible, with leak detection		3		3		3		3	□ 3
(4) Submersible, without leak detection		4		4		4		4	□ 4
Leak Detection and Spill Prevention Inf	form	ation							-
Leak Detection									
<ol><li>groundwater monitoring well(s)</li></ol>		1		1		1		1	□ 1
(2) tank bed monitoring well(s)		2		2		2		2	□ 2
(3) continuous vapour detection		3		3		3		3	□ 3
(4) automatic tank gauging		4		4		4		4	□ 4
(5) interstitial monitoring		5		5		5		5	□ 5
(6) electronic leak detection		6		6		6		6	□ 6
manufacturer:									
(7) high technology secondary		7		7		7		7	□ 7
containment monitoring									
Suction Pipe		Y		Y		Y		Y	
		Ν		Ν		Ν		Ν	
Spill Prevention									
(1) spill containment device at fill pipe		1		1		1		1	□ 1
(2) overfill protection device		2		2		2		2	□ 2
(3) dispenser sumps		3		3		3		3	
(4) audible/visible alarm system		4		4		4		4	□ 4
Corrosion Monitoring Terminals		Y		Y		Y		Y	
		N		N		N		N	
Site History and Information	1 -								
Inter-connected Tanks		Y		Ν					
	lf y	es, indicat	te:						
		Tank #	t	to Tank #		Ta	nk#		to Tank #
		lank#	1	to Tank #		la	nk #		to Tank #
Previous Spills or Leaks		Y		Ν					
	If yes, indicate:								
	lank #(s):								
	V	olume los	st <i>(litr</i>	es):	r		r		I
Tanks to be Used Seasonally		Y		Y		Y		Y	
		N		N		N		N	□ N

Part G(b): Aboveground Storage Tank System Information
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Storage Tank Information							
Tank ID No. (as per attached site plan)							
Status							
(1) existing	□ 1	□ 1	□ 1	□ 1	□ 1		
(2) new	□ 2	□ 2	□ 2	□ 2	□ 2		
(3) used*	□ 3	□ 3	□ 3	□ 3	□ 3		
Nominal Tank Capacity (in litres)							
Tank Manufacturer							
Serial No.							
Year of Installation (existing tanks)							
Contents							
(1) gasoline	□ 1		□ 1	□ 1	□ 1		
(1) gasoline (2) diesel					$\square$ 2		
(2) dieser							
(0) avaliant then $(0)$ alooped blends							
(5) heating/furnace oil							
(6) used oil							
(0) used on $(7)$ hube oil							
(7) IUDE OII (8) allied petroleum products							
(6) alled petroleum products	⊔ 8			□ 8	⊔ 8		
(0) other:							
Tank Construction	9		L 9		L 9		
			_ 4				
(1)ULC 601 – Steel							
Single/Double Wall ( <i>circle one</i> )	_ 0						
(2) ULC 630 – Steel	□ 2			□ 2	□ 2		
Single/Double Wall ( <i>circle one</i> )							
(3)ULC 643 – Steel							
Single/Double Wall (circle one)							
(4) ULC 653 – Steel	□ 4	□ 4	□ 4	□ 4	□ 4		
(5) API 650 – Steel	□ 5	□ 5	□ 5	□ 5	□ 5		
(6) other:	□ 6	□ 6	□ 6	□ 6	□ 6		
Internal Protection	ΠΥ	ΠΥ	ΠΥ	ΠΥ	□ Y		
					$\square$ N		
Piping Information							
Piping							
(1) single wall	□ 1		□ 1				
(2) double wall	$\square$ 2						
Piping Material	<b>_</b>						
(1) bare or painted steel			□ 1		□ 1		
(2) galvanized steel							
(3) plastic covered steel							
(4) cathodic protection							
(5) fibrealass reinforced plastic							
Pining Location							
(1) above grade							
(1) above grade							
(2) below grade							
f(3) is there a transition summ?							
ii (3), is there a transition sump?							
(1) Top mounted numbers as sining							
(4) rop mounted pump – no piping				⊔ 4	⊔ 5		

\* Used tanks must be tested in accordance with Section 3.7 of the CCME Code of Practice

Part G(b): Aboveground Storage Tank System Information (continued)

Spill Prevention, Spill Containment and	l Pro	oduct Trai	nsfe	r			
Spill Prevention Systems							
(1) high level alarm		1		1	□ 1	□ 1	□ 1
(2) overfill protection system		2		2	□ 2	□ 2	□ 2
(3) overfill protection device		3		3	□ 3	□ 3	□ 3
(4) dispenser sump(s)		4		4	□ 4	□ 4	□ 4
Spill Containment Systems							
(1) double-walled tank		1		1	□ 1	□ 1	□ 1
(2) none		2		2	□ 2	□ 2	□ 2
(3) dike (entirely concrete)		3		3	□ 3	□ 3	□ 3
(4) earthen dike with liner		4		4	□ 4	□ 4	□ <b>4</b>
(5) other:		5		5	□ 5	□ 5	
Product Transfer Area		-		-			
(1) portable spill containment		1					
(1) portable spin containment (2) impermeable transfer area		2					
(2) Impermeable transier area		2	1				
Product transfers into tank:	_		_				
(1) direct top fill		1		1			
		2		2			
Product offloading from tank:		N/	_	N/			
offloading line equipped with a transfer		Y		Y			
spill collector		N		N			
Pumping System	T		r —		L	Τ	L
Type of Pumping System							
(1) suction		1		1			
(2) submersible		2		2	□ 2	□ 2	□ 2
Leak Detection and Spill Prevention Information							
Spill Prevention Valves							
(1) anti-siphon valve (top draw)		1		1	□ 1	□ 1	□ 1
(2) solenoid valve (bottom draw)		2		2	□ 2	□ 2	□ 2
(3) gate valve (bottom draw)		3		3	□ 3	□ 3	□ 3
Groundwater Monitoring Well(s)		Y	lf `	Yes, indica	ate number of v	wells:	
		N					
Site History and Other Information	1						
Prepared Base							
(1) none		1					
(2) concrete pad		2					
(3) compacted gravel		3					
(4) other:		4					
Collision Protection							
(1) none		1					
(2) concrete filled bollards		2					
(3) concrete blocks		3					
(4) concrete highway Jersey barriers		4					
(5) other:		5					
Previous spills or leaks		Y		Ν			
	If Yes indicate:						
	Tank $\#(s)$ .						
	Date:						
	Volume lost <i>(litres</i> ):						
Tanks to be used seasonally		V		V			
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### Part H: Required Supporting Documentation

**Site Plan** – A site plan must accompany this permit application. The site plan must be to scale and must be oriented (ex: North arrow). The site plan ust provide a bird's eye view of the site, including but not limited to, the following: • Storage tank system location(s) Tank ID numbers, as they associate to this application • • Site footprint • Location of groundwater monitoring wells and tank monitoring wells Description of surrounding property use Distances of the tank location(s) to any buildings, property lines, groundwater wells, etc. **Scope of Work** – A written scope of work must accompany this permit application. The scope of work must include, but is not limited to, the following: • Proposed construction commencement date Project description • List of work to be undertaken at the site Name and contact information for the project manager Name and contact information of the Licensed Petroleum Technician responsible for the site

#### **Part I: Certification**

I,, emplo Print first and last name	yed by Name of individual or company						
certify that the information contained on this form is complete and accurate.							
Signature of Licensed Petroleum Technician	Date						

### Return completed application form and supporting documents to:

#### Petroleum Storage Program

Environmental Compliance and Enforcement Manitoba Environment and Climate Change Box 36, 14 Fultz Blvd Winnipeg, MB R3Y 0L6 Email: <u>petstor@gov.mb.ca</u> Fax: 204-948-2338

Personal information is collected under the authority of The Dangerous Goods Handling and Transportation Act, the Storage and Handling of Petroleum Products and Allied Products Regulation and is used to issue permits and for enforcement purposes. Information collected is protected by the privacy provisions of The Freedom of Information and Protection of Privacy Act. If you have any questions, contact the Access & Privacy Coordinator, Box 85, 200 Saulteaux Crescent, Winnipeg MB R3J 3W3; 1-204-945-4170.

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Date Received: Application Complete: Yes No File No.:	Reviewed By: