



PERMIT APPLICATION FOR VOLATILE ORGANIC COMPOUNDS STORAGE TANK

NORTH DAKOTA DEPARTMENT OF ENVIRONMENTAL QUALITY
 DIVISION OF AIR QUALITY
 SFN 8535 (9-2021)

NOTE: READ INSTRUCTIONS BEFORE COMPLETING THIS FORM.
 - Must include SFN 8516 or SFN 52858

SECTION A – GENERAL INFORMATION

Name of Firm or Organization	Facility Name
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SECTION B – TANK DATA

Source ID Number (From SFN 8516)				
Capacity	Barrels		Gallons	
Dimensions	Diameter	Height	Length	Width
Shape	<input type="checkbox"/> Cylindrical <input type="checkbox"/> Spherical <input type="checkbox"/> Other – Specify:			
Materials of Construction	(i.e., steel)			
Construction	<input type="checkbox"/> Riveted <input type="checkbox"/> Welded <input type="checkbox"/> Other – Specify:			
Color				
Condition	<input type="checkbox"/> Good <input type="checkbox"/> Fair <input type="checkbox"/> Poor			
Status	<input type="checkbox"/> New Construction <input type="checkbox"/> Alteration <input type="checkbox"/> Existing (Give Date Constructed):			
Type of Tank	<input type="checkbox"/> Fixed Roof <input type="checkbox"/> Variable Vapor Space <input type="checkbox"/> Pressure (low or high)		<input type="checkbox"/> External Floating <input type="checkbox"/> Internal Floating <input type="checkbox"/> Other – Specify:	
Type of Roof	<input type="checkbox"/> Pan <input type="checkbox"/> Double Deck <input type="checkbox"/> Pontoon <input type="checkbox"/> Other – Specify:			
Type of Seal	Metallic Shoe Seal	Liquid Mounted Resilient Seal	Vapor Mounted Resilient Seal	
	<input type="checkbox"/> Primary Seal Only <input type="checkbox"/> With Rim Mounted Seal <input type="checkbox"/> With Shoe Mounted Secondary Seal	<input type="checkbox"/> Primary Seal Only <input type="checkbox"/> With Rim Mounted Seal <input type="checkbox"/> With Weather Shield	<input type="checkbox"/> Primary Seal Only <input type="checkbox"/> With Rim Mounted Seal <input type="checkbox"/> With Weather Shield	

SECTION C – TANK CONTENTS

Name all liquids, vapors, gases, or mixtures of such materials to be stored in the tank. Give density (lbs per gal) or A.P.I.

SECTION D – VAPOR DISPOSAL

<input type="checkbox"/> Atmosphere <input type="checkbox"/> Vapor Recovery Unit <input type="checkbox"/> Flare <input type="checkbox"/> Enclosed Combustor <input type="checkbox"/> Other – Specify:

SECTION E – VAPOR PRESSURE DATA

psia	
Maximum True Vapor Pressure	Maximum Reid Vapor Pressure

SECTION F – OPERATIONAL DATA

Maximum Filling Rate (barrels per hour or gallons per hour)	Vapor Space Outage (See AP-42, 7.1-92, Equation 1-15)
Average Throughput (barrels per day or gallons per day)	Tank Turnovers per Year

SECTION G – SOLUTION STORAGE

If material stored is a solution, supply the following information:	
Name of Solvent	Name of Material Dissolved
Concentration of Material Dissolved (% by weight or % by volume or lbs/gal)	

SECTION H – AIR CONTAMINANTS EMITTED

Pollutant*	Maximum Pounds Per Hour	Tons Per Year	Basis and Calculations for Quantities (Attach separate sheet if needed)

* Include an estimate of greenhouse gas emissions (CO₂e)

SECTION I – STANDARDS OF PERFORMANCE

Tank subject to: 40 CFR 60, Subpart K 40 CFR 60, Subpart Ka 40 CFR 60, Subpart Kb

40 CFR 60, Subpart OOOO 40 CFR 60, Subpart OOOOa

Are the standards of performance for new stationary sources; petroleum liquid storage vessels, 40 CFR Part 60, Subparts K, Ka, and Kb, OOOO, OOOOa being adhered to, where applicable?

Yes No – Explain:

SEND COMPLETED APPLICATION AND ALL ATTACHMENTS TO:

North Dakota Department of Environmental Quality
 Division of Air Quality
 4201 Normandy Street, 2nd Floor
 Bismarck, ND 58503-1324
 (701) 328-5188