

FLAMMABLE/COMBUSTIBLE BULK STORAGE APPLICATION REQUIREMENTS

A Flammable/Combustible Bulk Storage Permit is required for the capacity to store 250 gallons or more of fuel, oil, gasoline, and/or petroleum products on a single parcel of property if the storage is an incidental use to a permitted or conditionally approved primary use. This permit is a non-transferable permit that is issued to a specific owner/entity and parcel. A new permit will need to be issued by the Fire Inspector if ownership or the parcel for storage of the fuel, oil, gasoline, and/or petroleum products changes.

The following must be submitted with the completed and signed Flammable/Combustible Bulk Storage Permit Application:

- \$75 application fee
- Schematic of vessel/tank*
- Installer must possess a “Contractor License” from the State of North Dakota
- All fueling areas must be on non-porous
- Site plan showing:
 - Location of storage tanks and capacity of each tank
 - Location and type of physical protection surrounding the tanks (in accordance with Section 312, IFC)
 - Vessels/tanks must have a minimum setback of 15 feet from property lines and existing or proposed structures (*amount of storage may change distance requirements*)
 - Show location of the fire extinguisher (must be within 75 feet of the tank)
- If storage will be over 10,000 gallons, you must also file a North Dakota TIER II Report for Hazardous Chemicals Preparedness and Response. Please submit a copy of the report with this application.

(ND Tier II information can be found at: <https://www.nd.gov/des/hazchem/Default.asp>)

The following is required to be on location prior to receiving permit approval:

- Fire extinguisher must have a minimum rating of 40 B:C
- All tanks must have proper venting
- Must have emergency valves and breakaway devices on tanks
- Must have posted spill notification information
- Must have spill containment kit available
- Labeling and signage for storage tanks shall comply with Sections 5704.2.3.1 and 5704.2.3.2, IFC
- Piping and electrical must be done properly with emergency shut offs and wiring

Note: Gravity-fed commercial vessels/tanks are prohibited for diesel and gasoline storage.

Development Services – Fire Inspector

PO Box 2047 | 220 2nd Ave. E. | Williston, ND 58802-2047 | Phone 701.577.4565 | www.williamsnd.com



All installations must comply and conform to the current International Fire Code as adopted by Williams County, and any amendments thereto or hereafter adopted, and the 2015 Williams County Zoning Ordinance and Subdivision Regulations, and any amendments thereto or hereafter adopted.

A FLAMMABLE/COMBUSTIBLE BULK STORAGE PERMIT CANNOT BE USED FOR AND DOES NOT APPLY TO THE STORAGE OF 250 GALLONS OR MORE OF FUEL, OIL, GASOLINE, AND/OR PETROLEUM PRODUCTS FOR SALE OR IF BEING STORED FOR SALE. A CONDITIONAL USE PERMIT IS REQUIRED FOR SUCH USES.

*Within the Combustible Storage Application Guide and Application, "Vessel" is synonymous with "Tank"

Development Services – Fire Inspector

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FLAMMABLE/COMBUSTIBLE BULK STORAGE PERMIT APPLICATION
 DEPARTMENT OF DEVELOPMENT SERVICES
 WILLIAMS COUNTY FIRE INSPECTOR

Installation Location

Company Name			
Owner Name			
Street Address	City	State	ZIP Code
Mailing Address	City	State	ZIP Code
Parcel ID#			

Installer Information

Company Name		ND Contractor License #:		
Mailing Address	City	County	State	ZIP Code
Contact Person	Telephone Number			

Project Description

Number of Tanks to be Installed	Number of Tanks Already Existing on the Parcel	Proposed Installation Date
Project Description		

Tank Information

Are the tanks built within the scope of Underwriters laboratories, Inc., Standard for Steel Aboveground Tanks for Flammable and Combustible Liquids, UL 142	<input type="checkbox"/> Yes <input type="checkbox"/> No
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	Tank 1	Tank 2	Tank 3	Tank 4	Tank 5
Tank Configuration	<input type="checkbox"/> Horizontal <input type="checkbox"/> Vertical	<input type="checkbox"/> Horizontal <input type="checkbox"/> Vertical	<input type="checkbox"/> Horizontal <input type="checkbox"/> Vertical	<input type="checkbox"/> Horizontal <input type="checkbox"/> Vertical	<input type="checkbox"/> Horizontal <input type="checkbox"/> Vertical
	<input type="checkbox"/> On Ground <input type="checkbox"/> Elevated	<input type="checkbox"/> On Ground <input type="checkbox"/> Elevated	<input type="checkbox"/> On Ground <input type="checkbox"/> Elevated	<input type="checkbox"/> On Ground <input type="checkbox"/> Elevated	<input type="checkbox"/> On Ground <input type="checkbox"/> Elevated
	Type of Support if Elevated More Than 12"				
Substance to be Stored					
Tank Height/Length					
Tank Diameter					
Gallon Capacity					
Number Relief Valves					
Relief Valve Capacity					

Tank Location Distance in Feet From Tank To	Tank 1	Tank 2	Tank 3	Tank 4	Tank 5
Nearest Building					
Fuel Dispenser					
Near Side of Public Way					
Property Line Which is or May Be Built Upon					
Delivery Vehicle During Tank Filling Operations					
Adjacent Aboveground Tanks					
Nearest LP-Gas, Container (if any)					

Tank Venting	Tank 1	Tank 2	Tank 3	Tank 4	Tank 5
Normal Vent Size					
Emergency Vent Size					
Vent Termination Point Above Ground Level					

Pump System	Tank 1	Tank 2	Tank 3	Tank 4	Tank 5
Type of Supports if Elevated More Than 12"	<input type="checkbox"/> Remote <input type="checkbox"/> Suction	<input type="checkbox"/> Remote <input type="checkbox"/> Suction	<input type="checkbox"/> Remote <input type="checkbox"/> Suction	<input type="checkbox"/> Remote <input type="checkbox"/> Suction	<input type="checkbox"/> Remote <input type="checkbox"/> Suction

Valves Check all to be installed.	Tank 1	Tank 2	Tank 3	Tank 4	Tank 5
Solenoid	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Fire/Impact	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Pressure Regulating	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Internal Fire Valve	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
External Fire Valve	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Block Valve	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Spill Control (must have posted Spill response plan)

If method of spill control is other than diking, attach description

Dike Length (in feet)	Dike Width (in feet)	Dike Height (in feet)
Dike Walls Constructed of <input type="checkbox"/> Clay <input type="checkbox"/> Masonry <input type="checkbox"/> Concrete <input type="checkbox"/> Steel <input type="checkbox"/> Dirt <input type="checkbox"/> Other - Explain		
Dike Walls Constructed of <input type="checkbox"/> Clay <input type="checkbox"/> Dirt <input type="checkbox"/> Concrete <input type="checkbox"/> Liner <input type="checkbox"/> Other - Explain		

Piping

Pipe Type	Piping Supports <input type="checkbox"/> Yes <input type="checkbox"/> No	Corrosion Pipe <input type="checkbox"/> Yes <input type="checkbox"/> No
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Dispensing

<input type="checkbox"/> Attended <input type="checkbox"/> Unattended	Emergency Shutoff Location (feet from dispenser)
Hose Length (in feet)	If Remote Pump System, is Lead Detection Device in Place

Tank Filling

Provisions to Sound an Audible Alarm at 90% Tank Capacity	<input type="checkbox"/> Yes <input type="checkbox"/> No
AND	
Provisions to Automatically Stop Liquid Flow at 98% Tank Capacity	<input type="checkbox"/> Yes <input type="checkbox"/> No
OR	
Provisions to Restrict Liquid Flow to 2.5 GPM at 95% Tank Capacity	<input type="checkbox"/> Yes <input type="checkbox"/> No

Physical Protection

Tanks Enclosed With 6" High Chain Link Fence	<input type="checkbox"/> Yes <input type="checkbox"/> No
Tanks and Fence Separated by at Least 10'	<input type="checkbox"/> Yes <input type="checkbox"/> No
Properly Secured Gate at All Times	<input type="checkbox"/> Yes <input type="checkbox"/> No
Dispensing Area, Piping, and Tank Area Protected Against Vehicular Collision	<input type="checkbox"/> Yes <input type="checkbox"/> No

Fire Protection

Emergency Instructions Posted in Dispensing Area	<input type="checkbox"/> Yes <input type="checkbox"/> No
Proper Signage Posted in Dispensing Area	<input type="checkbox"/> Yes <input type="checkbox"/> No
Fire Extinguisher (40 B:C) Located Within 100' of Dispenser	<input type="checkbox"/> Yes <input type="checkbox"/> No
Dispensing Area, Piping, and Tank Area Protected Against Vehicular Collision	<input type="checkbox"/> Yes <input type="checkbox"/> No

CERTIFICATION

I certify that the information provided is true to the best of my knowledge and the installation will be performed in compliance with all County, State and local regulations.

Owner's Signature	Date
Installer's Signature	Date

FEE SCHEDULE: Application Fee - \$75, 1st Reinspection – No Fee, Additional Reinspection - \$75

Submit, in duplicate, a diagram indicating locations of the following: Tanks, buildings, property lines, public ways, piping valves, dispensers, and shutoff.

Submit To:
 Williams County Development Services
 Attn: Fire Inspector
 206 E. Broadway
 PO Box 2047
 Williston ND 58802-2047

Phone: (701) 577-4567
 Email: duanew@co.williams.nd.us

OFFICAL USE:

Date Received _____

Fee Received _____

Department Approvals:

Fire Inspector _____
 Inspection Remarks:

Zoning Official _____
 Remarks:

Note: Flammable/Combustible Bulk Storage Permit is nontransferable and only valid for the owner and parcel of property listed above