



**CERTIFICATION OF BIOFUELS  
BLENDER PUMP INSTALLATION**  
NORTH DAKOTA DEPARTMENT OF HEALTH  
DIVISION OF WASTE MANAGEMENT  
UNDERGROUND STORAGE TANK PROGRAM  
SFN-59146 (5-2011)

FOR STATE USE ONLY:

Facility ID Number: \_\_\_\_\_

With the expanding production of biofuels there has been a corresponding increase in the number of retail facilities storing and dispensing renewable fuels such as ethanol and biodiesel. *These fuels have significantly different characteristics from petroleum gasoline and diesel.* Underground Storage Tank (UST) owners/operators need to be aware of the technical and regulatory issues/requirements related to the storage of alternative fuels (<http://www.ndhealth.gov/wm/Publications.htm>).

The North Dakota Underground Storage Tank Rules and Petroleum and Fuel Product Rules contain a number of requirements that apply specifically to the storage and dispensing of biofuels. In part, the requirements that apply when considering the installation of blender pumps are as follows:

- NDAC 33-24-08-22. **Compatibility.** Owners and operators must use an underground storage tank system made of or lined with materials that are compatible with the substance stored in the underground storage tank system. [NOTE: An underground storage tank system means an underground storage tank, connected underground piping, underground ancillary equipment, and containment system, if any. Ancillary equipment means any devices including, but not limited to, such devices as piping, fittings, flanges, valves, and pumps used to distribute, meter, or control the flow of regulated substances to and from an underground storage tank.]
- NDAC 33-24-08-10.4. **Dispensers.** After January 1, 2009, any new dispenser, and any replacement dispenser where work is performed beneath any shear valves or check valves, or on any flexible connectors or unburied risers, shall be provided with secondary containment (under-dispenser containment) beneath the dispenser.
- NDAC 33-24-08-10.1. **Tanks.** All tanks installed or replaced after January 1, 2009, and located within one thousand feet of any existing community water system, or any existing potable drinking water well, shall be secondarily contained. All secondary containment tanks shall be capable of containing a release from the inner wall of the tank and shall be designed with *interstitial monitoring*.
- NDAC 33-24-08-10.2. **Piping.** All piping installed or replaced after January 1, 2009, and located within one thousand feet of any existing community water system or any existing potable drinking water well shall be secondarily contained. All secondary containment piping shall be capable of containing a release from the inner wall of the piping and shall be designed with *interstitial monitoring*.

(Over)

NDAC 33-24-08-12. **Notification.** Any owner who brings a new underground storage tank system (i.e., tanks or tanks + piping) into use must within thirty (30) days of bringing the tank into use, submit a notice of existence of the tank system to the department. The prescribed form, SFN 10980, can be found on the North Dakota Department of Health webpage at:

<http://www.ndhealth.gov/WM/Publications/NotificationForUndergroundStorageTanks.pdf>

NDAC 33-34-01-02. **Labeling specifications.** All alcohol-blended gasoline sold or offered for sale shall be labeled with the name of the alcohol contained in the gasoline. The dispensing unit label shall also identify the maximum percentage by volume, to the nearest whole percent, of ethanol contained in the alcohol-blended gasoline. [NOTE: The use of gasoline containing ethanol amounts greater than E-10 in a gasoline-only vehicle is prohibited under the federal Clean Air Act. High-percentage ethanol-blended fuel should be dispensed from a hose that is separate from a normal gasoline or E-10 hose and clearly marked as being appropriate for use only by ethanol flexible-fueled vehicles.]

The purpose of this form is to direct owner/operators to sources of information concerning biofuels and the appropriate sections of the North Dakota Administrative Code that apply to biofuel storage. Additionally, this form provides a means for owners/operators to certify that all applicable regulations have been followed when installing a new tank system or converting an existing tank system to accommodate blender pumps for dispensing alternative fuels.

NOTE: The North Dakota Petroleum Tank Release Compensation Fund (PTRCF) may not reimburse tank owners/operators for the cleanup of a release if it is determined that their storage and dispensing equipment is incompatible with the biofuel blends stored in the tank system.

***I certify that I am familiar with the above-referenced requirements as they apply to biofuels blender pumps and underground storage tank systems, and will maintain such records as necessary to verify compliance with these requirements as per the North Dakota Underground Storage Tank Rules NDAC Article 33-24, and the North Dakota Petroleum and Fuel Product Rules Article 33-34.***

Signature (Owner/Operator)	Date (MM/DD/Y)
Printed Name	Title
Facility Name and Location Address (print)	

**Mail this form to:** North Dakota Department of Health  
 Division of Waste Management - UST Program  
 918 E. Divide Ave., 3rd Fl.  
 Bismarck, ND 58501-1947