

TANK & PIPING Installation Paperwork Checklist

UST Site Opening Date: _____

ALWAYS USE THE UST FORMS PAGE FOR THE MOST CURRENT FORMS www.iowaDNR.gov/UST

DNR recommends emailing documents in pdf format. Please ensure forms are signed and dated.

This document is for installer use for tracking their document submissions and should not be sent to the DNR.

See also the installation guidelines pdf and the UST Component Requirements pdf on our website.

Final approval and tank tags must come from the UST section before the system is allowed to operate.

ALLOW 10 BUSINESS DAYS for processing once all paperwork is submitted to the Iowa DNR UST Section.

Site Name: _____ UST Registration #: _____

City: _____ DNR FO #: _____ Installation Date: _____

SCOPE OF WORK

Piping Only Tanks and Piping: _____ Tanks/ _____ Compartments DEF tank? YES NO

DNR Form	Name of Item	Date Sent To USTOperations@dnr.iowa.gov
542-0104	Notice of Intent to Install 542-0104 can arrive via mail or email and is due 30 days before project starts. Please provide anticipated opening date. (Owner / Installer responsibility)	
NA	Map of Planned Install / Dimensioned Site Diagram. If project is re-piping only then it can arrive with other documents. (Owner / Installer responsibility)	
NA	Request submitted for DNR Authorization to ballast with fuel (Owner / Installer responsibility in event of a fuel release)	
NA	Date "Authorization to ballast with fuel" approved	
542-3266	Registration Form 148 (542-3266) can be sent as a pdf. Payment for tanks registration and annual tags can be mailed with pages 1-3 of the registration form 148. Payment arriving without the pages is subject to being returned to the sender. Diesel exhaust fluid (DEF) is an unregulated substance but please do list DEF tanks on the 148. Owners may want their DEF tank to be registered for \$10.00. DEF tanks do not receive annual tags so please do not pay \$65 for DEF tanks. DNR staff will issue tank tags AFTER review of the registration form and all installation documents.	
542-0153	Secondary Containment Testing Report Form	
542-1336	Biofuels Compatibility Checklist. UST System Checklist for Equipment Compatibility (If storing fuel blend greater than 10% ethanol or greater than 20% biodiesel)	
542-0069	Installer/Installation Inspector Checklist aka 3 rd Party Installation Inspection Checklist. (Installation inspector must sign form)	
542-0016	Vapor Emissions Control, Stage 1 VRS form & documentation (Installer or inspector must sign document)	
NA	Passing Primary Tank & Piping Precision Test Results (0.1gph). (3 rd party test or ATG copies onto 8.5x11 paper)	
	Passing line leak detector tests (for pressurized piping)	
	Sensing device functionality test report or log of visual observations	
NA	Proof of Financial Responsibility (Owner responsibility)	
NA	Class A/B operator certificate (Owner responsibility)	

Note: A copy of the manufacturer's installation documents may be submitted in addition to the documents required. All forms and supporting documentation must be legible. Documents will be made accessible to the public.

Registration form 148 section 4 notes:

All tanks should be listed on the 148 as they appear in the tank bed (single or multiple compartments).

Each compartment should be in its own column.

For substances stored use one of the following: **E10, E15, E85, R, M, P, D, K, DEF, B2, B20, B99, B100, H, O, NO, UO, J, AV or HO as is explained in section 4.**

Compartmentalized tanks must be listed in a staggering as in the example below. In the example, tanks 1, 2 and 5 are single compartment tanks. Tanks 3 and 4 are together in a compartmentalized tank.

IOWA DEPARTMENT OF NATURAL RESOURCES
UNDERGROUND STORAGE TANK REGISTRATION FORM #148

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1. STATUS OF TANK (MARK (X) OR DATE OUT-OF-USE)	TANK #1	TANK #2	TANK #3	TANK #4	TANK #5
Tank Identification Number	1	2	3	4	5
Currently in Use	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Temporarily Out-of -Use (M/D/Y)					
2. DATE OF INSTALLATION MONTH/DAY/YEAR (DATE TANK/PIPING COVERED AND TIGHTNESS TEST COMPLETED)					
3. TANK TYPE					
Residential	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Farm	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Industrial	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Commercial (Retail Sale)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other (Please Specify)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. TANK CAPACITY & SUBSTANCE STORED					
Fill in size and contents of each compartment using the abbreviations provided. Use only compartment #1, for a single compartment tank. Put the substance stored below the compartment size in shaded space.					
	TANK #1	TANK #2	TANK #3	TANK #4	TANK #5
Example: gallons: 12,000	20000	20000	10000		12000
Type of fuel: E10	E10	E15	P		D (AUTO D)
E10, E15, E85 , etc – Ethanol Blends	Compartment 2			10000	
R – Regular Unl				R87	
M – Midgrade Unl	Compartment 3				
P – Premium Unl					
D – Diesel	Compartment 4				
K – Kerosene					
DEF – Diesel Exhaust Fluid	Compartment 5				
B2, B5, B20 , etc - Biodiesel					
H – Hazardous (provide chemical name)	Compartment 6				
O – Other (please specify)					
5. TANK MATERIAL AND CONSTRUCTION					

NOTES: