



UNDERGROUND TANK INSTALLATION WORKSHEET

Oregon State Fire Marshal
Regulatory Services Division - LPG Program
OSFM.LP@OSFM.Oregon.gov
503-378-3473

Tank No: _____

OSFM OFFICE USE ONLY

PLEASE PRINT OR TYPE. INFORMATION MUST BE LEGIBLE.

Complete one worksheet (front and back) that correspond to the method of cathodic protection system installed for each underground tank. Attach this worksheet to the tank installation notice and fee sent to the Oregon State Fire Marshal.

Customer: _____ Customer Phone: _____

Customer Email : _____

Street Address of Tank: _____

City: _____ County: _____ State: _____ Zip: _____

Date Tank Installed: _____ Water Capacity/Gallons: _____ Serial Number: _____

Make of Tank: _____ Year Built: _____

ASME Tank Information: NFPA 58: 2017 edition

- ☐ New tank ☐ Used tank Make of Tank: _____
- ☐ YES ☐ NO Manufacture's data plate readable or duplicate data plate attached
- ☐ Approved underground tank installed with no vehicle traffic shall be at least 6 inches below grade. NFPA 58-6.8.6.1(a)
- ☐ Approved interchangeable aboveground/underground installation maximum depth. 12 inches below grade. NFPA 58-6.8.6.1(D)
- ☐ Approved non-interchangeable underground installation installed within 10 ft. of a vehicle thoroughfare or designated parking area shall have a minimum depth of 18 inches or provide adequate vehicle protection for all appurtenances. NFPA 58-6.8.6.1(B)

Tank Installation: NFPA 58: 2017 edition

- ☐ YES ☐ NO Is the underground tank installed in a high water table? NFPA 58-6.8.1.6
- ☐ YES ☐ NO Is the underground tank securely anchored? NFPA 58-6.8.1.6
- ☐ YES ☐ NO Is the underground tank installed upon a level surface? NFPA 58-6.8.6.1(K)
- Check support system: ☐ concrete blocks ☐ concrete pad ☐ firm packed earth
- ☐ YES ☐ NO Where the underground tank is installed within 10 ft. of a vehicle thoroughfare or designated parking area is adequate vehicle protection provided? NFPA 58-6.8.6.1(C)
- ☐ YES ☐ NO A corrosion protection system has been installed. NFPA 58-6.8.6.1(I)

Corrosion Protection: NFPA 58-6.8.6.1(I)(J) & (K) NFPA 58-6.19.3(1) & (2) 2017 edition

Existing Soil Type: ☐ Sand ☐ Native soil ☐ Other

Specify Type of Backfill Material: _____

☐ YES ☐ NO Is the backfill free of rocks & abrasives? NFPA 58: 6.8.6.1(M)

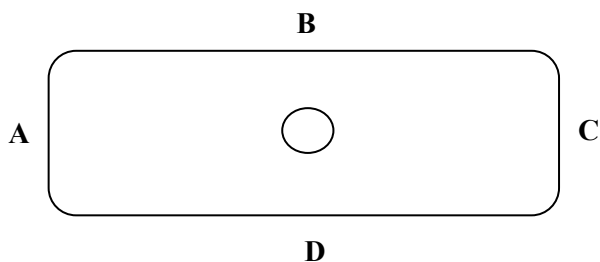
Coatings:

☐ YES ☐ NO Is the factory coating intact without voids or compromises?

☐ YES ☐ NO Was additional coating applied?

☐ YES ☐ NO Were additional "touch-up" coating materials applied to surface areas compromised during the installation or shipment of tank?

Areas marked A, B, C, & D on the tank diagram below are the recommended locations for testing the anode around the sides and ends of the tank.



Document the voltage readings of the cathodic protection system, with reference to a saturated copper-copper sulfate half-cell in the table below. NFPA 58-6.19.3

Location	Voltage Readings	Comments
A		
B		
C		
D		

Date readings were taken: _____ Taken by: _____

Installer hereby certifies that the installation of this tank's cathodic corrosion protection system complies with NFPA 58-6.19.3 2017 edition and that the sacrificial anodes were tested upon installation (unless prohibited by climatic conditions, in which case the testing was done within 180 days of the installation). Installer certifies for continued verification of the effectiveness of the system, the system will be checked 12 to 18 months after the initial test. Upon successful verification, periodical testing will be performed at intervals not to exceed 36 months. Installer also certifies the container will not be filled or refilled if the cathodic protection system produces less than -0.85 volts and if the system fails the test, it will be repaired as soon as practical.

Company Installing Tank: _____ Company License No: _____

INSTALLING FITTER - PRINTED NAME: _____

SIGNATURE: _____ Fitter License No: _____