



GUIDELINE FOR CORROSION PROTECTION REQUIREMENTS FOR STEEL USTS

NORTH DAKOTA DEPARTMENT OF HEALTH

Division of Waste Management - Underground Storage Tank Program

Rev: 12/02 Telephone (701) 328-5166 Fax: 701-328-5200 Website: <http://www.health.state.nd.us>

The following information provides a summary of the corrosion protection requirements for steel underground storage tanks (USTs). The State of North Dakota has implemented rules for underground storage tanks that became effective December 1, 1989. The State Rules are no more stringent than the Federal Underground Storage Tank Regulations (40 CFR Part 280).

All regulated steel UST systems must be corrosion protected by using either sacrificial anodes or impressed current. The corrosion protection systems must be operated and maintained to continuously provide corrosion protection to the tanks and piping that are in contact with the ground. Corrosion protection systems must be tested every three years.

UST Systems Using Sacrificial Anodes

UST systems that are corrosion protected by sacrificial anodes, such as STI-P3 tanks, must be inspected for proper operation by a qualified tester within six months of installation. **After that, the tank systems must be tested at least every three years by a qualified tester.**

Records of the last two test results must be kept to demonstrate compliance of these test requirements.

UST Systems Using Impressed Current

UST systems that are corrosion protected by impressed current must be inspected for proper operation by a qualified tester within six months of installation. After that, the tank systems must be tested by a qualified tester at least every three years. **Impressed current systems must also be inspected every sixty days to ensure the equipment is running properly.**

Records of the last two test results performed by a qualified tester must be kept to demonstrate compliance. Records of the last three test results performed to ensure the equipment is running properly must also be kept to demonstrate compliance of these test requirements.

More Information

If you have any questions concerning the UST corrosion protection requirements or the UST Rules in general, contact the Division of Waste Management at (701) 328-5166. A copy of the North Dakota Underground Storage Tank Rules can be purchased from the North Dakota Department of Health, Division of Waste Management, 1200 Missouri Avenue, PO Box 5520, Bismarck, North Dakota, 58506-5520. Underground Storage Tank Rules are also available on the Internet at: www.health.state.nd.us/ndhd/envrion/wm/pubs.htm.