

7150.0215 OPERATION AND MAINTENANCE OF CATHODIC PROTECTION.

Subpart 1. **General.** Cathodic protection systems must be operated and maintained to continuously provide cathodic protection to the metal components of the parts of the tank and piping that routinely contain regulated substances and are in contact with the ground.

Subp. 2. **Sacrificial anode systems.** Sacrificial anode cathodic protection systems must be tested for proper operation according to the following requirements:

A. systems must be tested by a cathodic protection tester within six months of installation and at least every three years thereafter, and within six months after any repairs and at least every three years thereafter;

B. the criteria that are used to determine that cathodic protection is adequate as required by this subpart must be according to National Association of Corrosion Engineers, Corrosion Control of Underground Storage Tank Systems by Cathodic Protection, RP0285-2002 (2002), incorporated by reference under part 7150.0500; and

C. systems designed with external testing stations must be tested using a voltmeter according to this subpart, but do not require testing by a cathodic protection tester.

Subp. 3. **Impressed current systems.** Impressed current cathodic protection systems must be tested for proper operation according to the following requirements:

A. the rectifier must be read every 60 days to ensure that current is being delivered to the system and the voltage and amperage readings shall be recorded;

B. systems must be tested by a corrosion expert or a cathodic protection tester within six months of installation and at least annually thereafter, and within six months after any repairs and at least annually thereafter; and

C. the criteria that are used to determine that cathodic protection is adequate as required by this subpart must be according to National Association of Corrosion Engineers, Corrosion Control of Underground Storage Tank Systems by Cathodic Protection, RP0285-2002 (2002), incorporated by reference under part 7150.0500.

Statutory Authority: *MS s 116.49*

History: *32 SR 1751; 34 SR 1610*

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