7.13 - CATHODIC PROTECTION - TESTING, INSTALLATION AND RECORD KEEPING

1.0 POLICY STATEMENT

This policy and procedure is to clearly direct all field personnel that cathodic protection shall be installed on all underground and mounded propane tanks and/or steel underground piping systems. The testing and/or monitoring shall be performed at the time of installation and periodically thereafter as defined in NFPA 58.

2.0 SCOPE

To ensure proper installation, monitoring and testing of cathodic protection of steel underground piping and underground propane tanks installed after August 25, 2010. The training for cathodic protection will be coordinated by company management. Employees required to install and test cathodic systems must receive training on how to install, test and record findings.

2.1 Policy Exceptions

2.1.1 Underground tanks installed prior to August 25, 2010.

2.1.2 For underground tanks and piping which are installed on OPS jurisdictional systems, refer to the TOWN ENERGY OPS Operation and Maintenance Manual and the Operator Qualification Program Manual.

3.0 REQUIREMENTS

3.1 Management is responsible for ensuring compliance with this policy.

3.2 All TOWN ENERGY personnel servicing underground propane containers must have attended a Cathodic Protection training class on the use, installation and monitoring of sacrificial anodes.

4.0 PROCEDURES

4.1 Underground Propane Containers

4.1.1 Underground storage containers and piping are required to be protected from corrosion by the use of appropriate coatings and cathodic protection system.

4.1.2 One of the effective methods of protecting a steel underground storage tank from corrosion is by installing a cathodic protection system. There are two types of cathodic protection.

4.1.3 Sacrificial anodes are bags usually containing a magnesium or zinc ingot and other chemicals, which are connected by a wire to an underground tank or metal piping