

TITLE: **CORROSION CONTROL SUPERVISOR**

DEFINITION: Under direction, supervises the monitoring, maintenance, and modification of natural gas pipeline Cathodic Protection Systems (CPS).

EXAMPLES OF DUTIES:

- Under general direction supervises a corrosion control group, which is responsible for monitoring, operating, maintaining, and modifying natural gas pipeline cathodic protection systems (CPS);
- Supervises and Performs field tests to gather data on CPS status;
- Evaluates data and implements system modifications to meet U.S. Department of Transportation (DOT) requirements;
- Utilizes a variety of specialized tools and equipment including: potentiometers, interrupters, Pearson Pipe Locators, Miller meters, copper sulphate electrodes and sol resistivity meters;
- Troubleshoots electrical rectifiers;
- Writes and/or reviews specifications for contract work, equipment, and materials necessary for CPS operation and maintenance;
- Purchases and maintains CPS tools, materials, and equipment;
- Prepares and maintains accurate records pertaining to CPS;
- Utilizes Supervisory Control and Data Acquisition System (SCADA);
- Maintains current, accurate, and accessible DOT mandated compliance records pertaining to CPS;
- Deals regularly with the public and maintains liaison with a variety of private and governmental organizations;
- Monitors contracted field activities related to CPS;
- Selects, trains, assigns, supervises, and evaluates the work of subordinates; and
- Performs other duties as required.

MINIMUM QUALIFICATIONS:

Applicants must possess the Certification as a Cathodic Protection Technician (CP2) from the National Association of Corrosion Engineers (NACE)

And one of the following:

- Bachelor's degree in physical sciences or engineering -AND- One (1) year of verifiable cathodic protection work experience; -OR-

- Two (2) years of verifiable cathodic protection work experience -AND- Two (2) years of post-high school training from approved math or science technical/trade school; -OR-
- Three (3) years of verifiable cathodic protection work experience.

A valid California motor vehicle operator's license.

Employees in this classification are subject to the Federal Department of Transportation Pipeline and Hazardous Material Safety Administration's (PHMSA) Anti-Drug & Alcohol Misuse/Prevention Program.

KNOWLEDGE, SKILLS, AND ABILITIES:

- Knowledge of CPS systems to recommend and implement CPS modifications to comply with federal regulations (49 CFR Part 192 Subpart I-Requirements for Corrosion Control);
- Knowledge of CPS maintenance activities to train, supervise and coordinate field personnel;
- Ability to perform field testing, operate, maintain, and modify a natural gas pipeline cathodic protection system (CPS);
- Ability to maintain current, accurate and accessible records of field data;
- Ability to deal effectively with people on a daily basis.
- Ability to safely lift and move objects weighing up to 50 pounds, enter confined spaces, and work from heights;
- Ability to operate a personal computer, tablet, or other electronic devices.
- Ability to communicate effectively both orally and in writing; and
- Ability to Perform mathematical calculations.

Willingness and ability to work an alternative work schedule, overtime, weekends, holidays, irregular hours, and be on-call, as needed.

HISTORY:

Revision of Classification Specification dated 06/18/76

Approval/Adoption Dates: 04/28/83

Revision of Classification Specification approved by Civil Service Commission on 5/25/2022