



Terrebonne Parish Consolidated Government

JOB DESCRIPTION

POSITION TITLE.....: Utilities Technician
DEPARTMENT.....: Utilities
DIVISION.....: Electric Generation
CLASSIFICATION/GRADE.....: Utilities Technician/110
REVISED.....: 10/2017
REPORTS TO.....: Electric Plant Maintenance Supervisor
REVIEWED.....: 02/2018
WAGES.....: Hourly (Non Exempt)

SUMMARY:

Work requires the application of technical knowledge and standard procedures to test, adjust, repair and maintain metering, instrumentation and various control devices relating to all associated equipment at the Houma Generating Station. The employee is responsible for maintaining an equipment history data file to reference new installations, deletions, adjustments, repairs and maintenance performed on the control and instrumentation systems. Work may be generated through scheduled maintenance inspections, equipment malfunctions, and discrepancy report forms/work orders submitted to the maintenance group, or Utility Supervisor, Operations. Work is performed with considerable independence under general supervision, and directed towards continuous plant operation. With this goal in mind, the Instrument Technician may be called upon to assist various trades within the plant work structure.

BASIC FUNCTIONS:

1. Be aware of related safety precautions within the electrical/ mechanical trades and the utility industry in general.
2. Be capable of administering resuscitation and first-aid treatment to individuals in an emergency situation.
3. Be capable of understanding and following oral/written instructions and comprehending power plant terminology and color codes.
4. Ability to interpret and work from blueprints, diagrams, schematics and sketches.
5. Inspects, adjusts, modifies, repairs and/or replaces components to the controls and instrumentation of the power plant main and auxiliary systems.
6. Control systems are associated with turbine-generators, boilers (steam generators), condensers, feedwater and condensate systems, circulating water/cooling tower systems, hydrogen, pneumatic and lube oil systems.
7. Operate and maintain the Continuous Emission Monitoring System (CEMS). Generate reports from the CEMS as required
8. Instrumentation, both metering and gauge functions, relate to various consumptions, flows, pressures, temperatures, and volumes.

OTHER REQUIREMENTS:

1. A knowledge of the electrical, electronic and mechanical principles governing the functioning of control systems and instruments.
2. A knowledge of the methods, tools and equipment used to test, maintain and repair control systems and instruments in accordance with prescribed standards.

3. A knowledge of the inter-relation of the various components, which make up power plant control systems.
4. Ability to understand and apply information of a technical nature in testing and maintaining control systems and instruments properly.
5. Ability to formulate and carry out scheduled programs of inspection and maintenance and to keep systematic records of performance.
6. Be capable of performing all tasks required during an annual turn-around inspection with a minimum amount of supervision.
7. Know the location of all emergency generators, emergency battery and egress lighting system circuitry, components and how each system is operated, interconnected and fused.
8. Be physically capable of performing labor intensive tasks.
 - a. Light and heavy lifting up to 50 to 60 lbs.
 - b. Climbing ladders/stairways and working off of scaffolding, building structures and inside enclosed access areas.
9. Willingness to assist during emergency situations and fill-in, as required.
10. Have or acquire and maintain a personal telephone service.

EDUCATION/EXPERIENCE:

1. High school diploma or any equivalent certification.
2. Formal technical training in the electronic field with some pneumatic and hydraulic system controls and instrumentation.
3. Experience within the Instrument Technician field a plus.
4. Any equivalent combination of education, training, and/or experience may substitute.