

Wastewater Plant Instrument Technician

A major northeast Wastewater Treatment Plant is looking for an Instrument Technician. The purpose of this position is to provide instrumentation/calibration services, which includes but not limited to calibrate, test, installs, repairs, troubleshoots, inspects, maintains metering and recording instruments, controlling devices, data logging and display equipment, communications, and telemetry systems, and performs related work as required. The position will support operations, and other departments as assigned.

Essential Functions and Responsibilities; calibrate a variety of measurement and/or control instrumentation, including but not limited to controllers, indicators, and transmitters. Measurement parameters including but not limited to temperature, pressure, speed, weight, time, liquid level, pH, and conductivity/resistivity. Complete calibration data sheets in CMMS (Computerized Maintenance Management System) as required. Assist in managing contractors and reviewing their service reports to ensure compliance. Assist in developing calibration methodologies and drafting calibration procedures, which are consistent with the metrology practice and industry standards. Assist in identifying critical spare parts.

Qualifications are: High School Diploma or equivalent required; Associate's or bachelor's degree in a relevant field preferred, not required. 5+years of general calibrations experience. Experience working with electronic calibration management systems preferred. Ability to manage multiple responsibilities with a degree of self-motivation. Effective oral, written, and interpersonal communication skills. Ability to both works independently as well as team oriented.

Please visit www.lrsa-nj.gov web site for an employment application. Applicants shall mail or email the completed employment application, resume and salary requirements, by October 20, 2021, to the Executive Director, LRSA PO Box 4118, 5005 South Wood Ave., Linden, NJ 07036, or email jwilliams@lrsa-nj.gov.

INSTRUMENT TECHNICIAN

Knowledge of the testing, maintenance and operation, replacement, overhaul and repair of electrical and instrumentation equipment of the plant and related facilities. Performs work as assigned in accordance with applicable provisions of the National Electrical Code, approved plans and specifications and standard industrial practices. Works in accordance with established L.R.S.A. work and safety practices.

Supervision

Works under the direct supervision of the electrician and is subject to the supervision of the Maintenance Foreman or Maintenance Manager.

Example of Duties

1. Works as instrument repair technician and assists the electrician in all related duties in the plant.
2. May erect and work from scaffolding and ladders.
3. Participates in the repair and maintenance of electric motors, storage battery systems, vari speed drives, boilers, transformers, electrical heating and lighting, auxiliary power (generators and controls), plant metering systems, both level and flow, and miniature electronics and computers, as it relates to the Ultraviolet Disinfection system and plant instrumentation.

Special Qualifications, Knowledge and Abilities

1. A minimum of 5 years experience in related electrical work, in which 3 years was the repair and calibration of instrumentation.
2. Knowledge of the standard tools, material and methods used to troubleshoot and maintain electrical and instrumentation equipment at the plant.
3. Ability to perform disassembly and re-assembly of machinery and components in a timely fashion.
4. Strength and agility necessary to maintain and repair heavy machinery.
5. Must be reliable, thorough, and dependable with the ability to work independently and as part of the team.
6. Must present a neat appearance and a courteous professional attitude at all times.
7. Must have the ability to successfully carry out both oral and written instruction.
8. Must at all times be safety conscious.
9. Must possess a valid driver's license and a safe driving record.
10. Ability to calibrate and troubleshoot instrumentation.
11. Completed a course in instrumentation and calibration.