



The University of Georgia®

## POSITION ANNOUNCEMENT

### Maintenance Technician

Applications are being accepted for a Maintenance Technician at Skidaway Institute of Oceanography of the University of Georgia (SkIO), a multidisciplinary research institution located on the Georgia coast near Savannah, GA (<http://www.skio.uga.edu/>). The successful applicant will have a broad knowledge specific to HVAC systems. This is manual work at the journeyman level in the heating, ventilation, and air conditioning trade involving the application of trade skills in installing, repairing, maintaining, and servicing refrigeration, air conditioning, heating, and related equipment as well as installation, diagnosis, troubleshooting, and repair of electric, electronic, and computerized control systems. Work involves reading and interpreting building blueprints and HVAC systems diagrams and specifications, isolating and identifying problems, and installing and calibrating controls and equipment according to specifications. Work is performed under the general supervision of the Facilities Manager, and in some instances, under the direction of an engineer or project coordinator. This position has no direct supervisory responsibilities over subordinate workers, but may oversee the work of trades helpers, air conditioning mechanics, or other skilled craft workers involved in special projects. Work is reviewed by observation of results and effective operation of HVAC system controls. Job requirements, on occasion, require work beyond normal duty hours in support of emergency or high priority work.

#### **Duties and Responsibilities**

Overhauls and services refrigeration, air conditioning, and heating units by repairing or replacing and adjusting worn or broken parts on condensers, compressors, evaporators, fans and water and vacuum pumps; tests refrigeration equipment for leaks; repairs or adjusts valves, piping connections, fittings, and couplings; removes and installs motors, thermostats, and humidistats; adjusts pressure, solenoid, and expansion valves; adds gas to refrigeration unit, weighing carefully; checks gauges and makes inspections for preventive maintenance; changes and washes air filters. Maintains, inspects, and repairs electronic, electric and DDC HVAC system controls.

Performs troubleshooting tasks, including problem diagnosis, identification, and isolation.

Discusses system malfunctions with users to assist in isolation of problem. Determines appropriate action for problem resolution.

Assists with the installation of air conditioning, heating, and related equipment and components.

Repairs and maintains component parts of air conditioning, refrigeration, and ventilating systems in offices, classrooms, dormitories, apartments, laboratories, kitchen and food service units.

Use TAB techniques to perform diagnostic duties and make repairs to systems.

Studies building system design, as-built blueprints, HVAC systems diagrams, technical specifications, and system configurations.

Orders appropriate materials, components, and equipment necessary for efficient system operation.

Remains available for emergency call back in the event of system failures.

Performs other work as required in support of general maintenance activity.



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#### Education and Experience

High school diploma or GED;

7 years of experience in the trade which may include an apprenticeship and/or applicable vocational training, or any equivalent combination of training and experience.

Refrigerant handling certification.

#### Knowledge, Abilities, and Skills

Knowledge of the principles, practices, materials, tools, and equipment of refrigeration, air conditioning, DDC Control systems, and/or heating equipment operation, maintenance, and repair.

Skill in troubleshooting and repair of HVAC related electrical components (motors, starters, etc.).

Knowledge of the occupational hazards and safety precautions of the trade.

Ability to understand and follow oral and written directions and to work from blueprints and sketches.

Skill in locating and correcting defects in refrigeration, air conditioning, heating, or related equipment.

Skill in the use and operation of tools and equipment used in the repair and maintenance of mechanical equipment.

Ability to work independently, conceptualize project and manage multiple priorities.

Ability to stand, stoop, climb, bend, stretch, and walk as required to successfully install, inspect, and repair HVAC systems.

Ability to lift, hold, and carry equipment and materials weighing up to 75 pounds on an occasional basis.

Ability to operate standard motor vehicles, including automobiles, trucks, and vans.

Ability to communicate effectively with engineers, craftsmen, contractors, vendors, and system users orally and in writing..

Ability to multitask and coordinate multiple projects.

Demonstrated ability to establish and maintain effective working relationships with peers, staff, and supervision.

**Application deadline is “Open Until Filled”.** To apply, please submit cover letter, resume, and application via

UGA website for **Job Posting #20162454** at the following URL:

[https://www.ugajobsearch.com/applicants/jsp/shared/search/Search\\_css.jsp](https://www.ugajobsearch.com/applicants/jsp/shared/search/Search_css.jsp).