

HVAC Refrigeration Mechanic II (First Shift) Quinsigamond Community College

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Posted Oct. 8, 2024, set to expire Feb. 4, 2025

Job Title	HVAC Refrigeration Mechanic II (First Shift)
Department	HVAC
Institution	Quinsigamond Community College Worcester, Massachusetts
Date Posted	Oct. 8, 2024
Application Deadline	Open until filled
Position Start Date	Available immediately
Job Categories	Classified Staff
Academic Field(s)	Facilities/Maintenance/Transportation
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HVAC Refrigeration Mechanic II (First Shift)

Category: Maintenance/Trades

Department:

Locations: Worcester, MA

Posted:

Closes:

Type:

Position ID: 181799

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General Statement

Installs heating, ventilating, air-conditioning, and refrigeration equipment, including related fixtures; checks equipment for malfunctioning; maintains and repairs equipment; and performs related work as required.

Supervision Received

Reports to Executive Director of Facilities or his designee

Supervision Exercised

Supervises 1-9 technical and/or tracks personnel as assigned.

Duties and Responsibilities

- Installs heating, ventilating, air-conditioning and refrigeration equipment, including controls and related fixtures such as air-and water filters and piping by using refrigeration, pipe fitting and structural layout techniques, blueprints, appropriate machines, tools and work aids in order to join tubing or pipes; cuts and threads pipes; solders or brazes joints; mounts compressor and condenser units; connects motors, compressors, temperature controls, humidity controls, and circulating ventilation fans to electrical power sources.
- Checks equipment for malfunctioning by observing pressure and vacuum gauges and other indicators; by adjusting controls in testing joints and connections for gas leaks; by injecting refrigerant and adjust valves, controls and pumps; and by using testing equipment to ensure proper operation.
- Maintains rebuilds and repairs equipment by replacing worn or defective parts such as switches, fuses, thermostat and electrical wiring; by pumping specified gas or fluids into systems; by adding necessary liquids; by lubricating motors and bearings; and by changing filters.
- Calculates heat loads for new installations; analyzes and treats both open and closed water systems such as cooling towers by adding algacides to prevent the spread of airborne bacteria.
- Performs related work such as making and assembling metal ducts and chassis parts for heating, air conditioning and refrigeration systems; drilling holes for mounting brackets; screwing, boring riveting and welding parts to assemble structural and functional components such as motors, controls, switches and gauges; and installing shells and cabinets of systems.
- Supervisor personnel as assigned.
- Orders supplies and equipment.
- Actively supports the teaching and learning process; practices honesty and integrity in and out of

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the classroom; strives to create and support a student-centered environment while fostering academic innovation and excellence.

- Works actively with other areas of the college to ensure a spirit of college wide collaboration, collegiality, civility, and teamwork. Respects the function of dissent in an academic institution while advancing a collegial atmosphere of campus collaboration.
- Embraces the ideals of diversity and inclusiveness and supports the equal rights of all people by advancing the understanding and appreciation of differences including age, race, gender, ability, religious convictions, socio-economic status, ethnic heritage, or sexual orientation.
- Provides flexible, responsive and high quality service to all, be they students, community, or staff, and continuously assesses processes and procedures and revises accordingly.
- Monitors, troubleshoots, operates and coordinates Building Management System and controls.
- Performs other duties as assigned.

Job Requirements:

Minimum Qualifications

- Knowledge of the standard preventive maintenance procedures followed in connection with heating, refrigeration, ventilation, air-conditioning and related electrical systems
- Knowledge of the methods followed in the lubrication of machinery and equipment
- Knowledge of the methods used in the care and maintenance of small hand or power tools.
- Knowledge of the types and uses of small hand tools such as pliers and screwdrivers
- Knowledge of the safety practices and procedures followed in the installation, maintenance, and repair of heating, refrigeration, ventilating, air-conditioning and electrical systems.
- Ability to supervise, including planning and assigning work.
- One year full-time, or equivalent part-time, technical experience in the installation, maintenance and repair of heating refrigeration, ventilating, and air-conditioning systems, or any equivalent combination, or certification of completion of a two-year program in refrigeration and heating from a recognized institution about the high school level.

Preferred Qualifications

- Building Management Systems and controls experience.
- Massachusetts Refrigeration Technician's License or other related trade License.

Additional Information:

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Quinsigamond Community College is an affirmative action/equal opportunity employer and does not discriminate on the basis of race, color, national origin, ethnicity, gender, disability, religion, age, veteran status, genetic information, gender identity or sexual orientation in its programs and activities as required by Title IX of the Educational Amendments of 1972, the Americans with Disabilities Act of 1990, Section 504 of the Rehabilitation Act of 1973, Title VII of the Civil Rights Act of 1964, and other applicable statutes and college policies. The College prohibits sexual harassment, including sexual violence. Inquiries or complaints concerning discrimination, harassment, retaliation, or sexual violence shall be referred to the College's Affirmative Action and/or Title IX Coordinator, the Massachusetts Commission against Discrimination, the Equal Employment Opportunities Commission or the United States Department of Education's Office for Civil Rights.

Quinsigamond Community College will provide reasonable accommodations to qualified individuals with disabilities and encourages both prospective and current employees to discuss potential accommodations with the employer.

Diversity, inclusion, and equity are core values at Quinsigamond Community College. We are passionate about building and sustaining an inclusive, respectful, and equitable environment for all students, staff, and faculty. Every member on our college campus enriches our diversity. We support inclusion and are dedicated to ensuring equity in access to opportunities.

Quinsigamond Community College is an equal opportunity/affirmative action employer. Members of underrepresented groups, minorities, women, veterans, persons with disabilities, and all persons committed to diversity and inclusive excellence are strongly encouraged to apply.

Successful applicants will be required to complete a Criminal Offender Record Information (CORI/SORI) request.

To apply, visit <http://qcc.interviewexchange.com/jobofferdetails.jsp?JOBID=181799>

Contact Information

Please reference Academickeys in your cover letter when applying for or inquiring about this job announcement.



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Contact

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