

Plant Utilities Engineer 1, Campus Operations
University at Buffalo, The State University of New York

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Posted Sep. 22, 2023, set to expire Aug. 4, 2024

Job Title	Plant Utilities Engineer 1, Campus Operations
Department	Campus Operations
Institution	University at Buffalo, The State University of New York Buffalo, New York
Date Posted	Sep. 22, 2023
Application Deadline	Open until filled
Position Start Date	Available immediately
Job Categories	Classified Staff
Academic Field(s)	Facilities/Maintenance/Transportation
Job Website	https://www.ubjobs.buffalo.edu/postings/45435

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Job Description

The [University Facilities](#) department at the University at Buffalo is seeking a **Plant Utilities Engineer**

1. As a Plant Utilities Engineer 1, you will:

- Operate steam and hot water boilers including lighting off, firing, cleaning and shutting down system.
- Operate central and auxiliary computers which monitor; test, control and operate boilers, auxiliary equipment and HVAC systems.
- Operate boiler, feed water, condensate and hot water supply and return systems.
 - Duties include operation of boiler feed water pumps, aerator, electric or steam driven feed water and condensate pumps, atmospheric drain tanks, cascade feeders, nitrogen and steam pressurization systems. Troubleshoot, repair and calibrate electronic and pneumatic combustion and HVAC control systems. Conduct boiler, HVAC, and water systems testing, analyzing results and adding chemicals to maintain proper residuals in boiler and piping

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- systems. Perform all system maintenance.
- Operate large central absorption, centrifugal, screw driven and hermetic chiller systems and other refrigeration equipment.
 - Duties include starting, regulating and troubleshooting to maintain proper temperature. Operate related auxiliary air-conditioning equipment, such as cooling towers, evaporation coolers, fan coils, vacuum pumps, purge chillers, and water cooled condensers. Conduct chilled water and condenser water chemical analysis to maintain proper residuals. Perform all system maintenance.
- Operate HVAC systems to maintain proper environmental conditions including hydronic, steam, and air handling distribution systems.
- Calibrate controls, balance air distribution systems, and maintain proper air temperature, humidity, fresh air and air flow quality. Insure proper operation and air flow through various exhaust systems, including laboratory fume hoods, medical facility exhausts and general exhaust systems.
- Operate high and/or low voltage electrical distribution systems, steam, diesel and gas turbine generators, transformers and switch gears, load centers, motor control centers, panel boards, emergency power and lighting distribution systems, motor generator sets and UPS systems.

Successful candidates in the position must be able to effectively communicate with co-workers, supervisors and the campus community. This position may require you to work in a team so the candidate should have strong interpersonal and teamwork skills. The candidate must possess and have proven positive customer service skills; must also possess good listening skills and be able to understand and follow written and/or oral instructions.

Since the activities of other employees depend upon the availability of the employee in this position, reliable attendance is a factor that will be considered when filling this vacancy.

This position requires traveling within and between campuses. A valid license to operate a motor vehicle in NYS is preferred, or candidate should otherwise demonstrate their capacity to meet the transportation needs of the position.

Outstanding Benefits Package

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Working at UB comes with benefits that exceed salary alone. There are personal rewards including comprehensive health and retirement plan options. We also focus on creating and sustaining a healthy mix of work, personal and academic pursuit - all in an effort to support your work-life effectiveness. Visit our benefits website to learn about our [benefit packages](#).

About The University at Buffalo

The University at Buffalo (UB) #ubuffalo is one of America's leading public research universities and a flagship of the State University of New York system, recognized for our excellence and our impact. UB is a premier, research-intensive public university dedicated to academic excellence. Our research, creative activity and people positively impact the world. Like the city we call home, UB is distinguished by a culture of resilient optimism, resourceful thinking and pragmatic dreaming that enables us to reach others every day. Visit our website to learn more about the [University at Buffalo](#).

University at Buffalo is an affirmative action/equal opportunity employer and, in keeping with our commitment, welcomes all to apply including veterans and individuals with disabilities.

Contact Information

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

Contact