

High Voltage Electrician (8154C), Facilities Services -
77359
University of California, Berkeley

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Posted Apr. 15, 2025, set to expire Jul. 1, 2025

Job Title	High Voltage Electrician (8154C), Facilities Services - 77359
Department	
Institution	University of California, Berkeley Berkeley, California
Date Posted	Apr. 15, 2025
Application Deadline	Open until filled
Position Start Date	Available immediately
Job Categories	Professional Staff
Academic Field(s)	Facilities/Maintenance/Transportation
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Job Description

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About Berkeley

At the University of California, Berkeley, we are dedicated to fostering a community where everyone feels welcome and can thrive. Our culture of openness, freedom and belonging make it a special place for students, faculty and staff.

As a world-leading institution, Berkeley is known for its academic and research excellence, public mission, diverse student body, and commitment to equity and social justice. Since our founding in 1868, we have driven innovation, creating global intellectual, economic and social value.

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We are looking for applicants who reflect California's diversity and want to be part of an inclusive, equity-focused community that views education as a matter of social justice. Please consider whether your values align with our [Guiding Values and Principles](#), [Principles of Community](#), and [Strategic Plan](#).

At UC Berkeley, we believe that learning is a fundamental part of working, and provide space for [supportive colleague communities via numerous employee resource groups](#) (staff organizations). Our goal is for everyone on the Berkeley campus to feel supported and equipped to realize their full potential. We actively support this by providing all of our full-time staff employees with at least 80 hours (10 days) of paid time per year to engage in professional development activities. Find out more about how you can [grow your career](#) at UC Berkeley.

Departmental Overview

Facilities Services works to continuously improve the campus in partnership with all members of the University community to ensure that classrooms, laboratories, and offices support teaching, learning and research. Through the efforts of over 400 dedicated staff members and serving over 10M building square feet and 1100 acres, Facilities Services includes the asset management program, custodial services, maintenance operations, engineering and technical services, environmental services, grounds operations, the Cal Zero Waste program.

Position Summary

The Utilities Maintenance group is responsible for the operation and maintenance of campus utilities (steam, high voltage, natural gas, water, and sewer) distribution.

Application Review Date

The First Review Date for this job is: 04/18/2025.

Responsibilities

HIGH VOLTAGE ELECTRICIAN

- Inspect, maintain, test, repair, operate, troubleshoot and replace all 4160V, 12KV, and 115KV apparatus on all campus sites.
- This includes, but is not limited to, switching high voltage and preparing the switching procedures.
- Maintenance of high voltage equipment includes switches, circuit breakers, transformers, relays, transmission lines, cables, and cable terminations.

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- Coordinate appropriate repairs with other trades at PP-CS.
- Work with all other trades to coordinate shutdowns and maintain all utilities and buildings in good working order.
- Maintain Utilities support systems, such as pumps, street lights and other electrical systems.
- Respond to high voltage requests; assist with fire alarm calls and SCADA installations.

ADMINISTRATIVE DUTIES

- Consult lead/supervisor/or project superintendents who administer requirements and standards for the modification of projects.
- Interpret prints, schematics, wiring diagrams, flow charts and written descriptions of functions and project requirements.
- Support maintenance projects and programmatic work assignments.
- Keep accurate work records and complete paper work in a neat and timely manner.
- Serve as liaison with clients, relaying their needs and requirements to the appropriate department or superintendent.
- Obtain materials and equipment as required.

SAFETY

- Adhere to all University and departmental safety guidelines.
- Attend job-related safety training as required.
- Maintain knowledge of OSHA and NEC high voltage regulations and 40 hours of documented high voltage safety training.
- Maintain knowledge of HVPPE, HV testing procedures, and HV equipment.

OTHER

- Perform other duties as assigned.

Required Qualifications

- Must have completed a five-year electrical apprenticeship program or equivalent.
- Must possess and maintain California State Electrical License.
- Must have three years high voltage experience.

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- Must have strong troubleshooting skills.
- Must be able to interpret complicated circuitry designs and have a good understanding of electronic devices such as relays and VFD's.
- Must possess knowledge and ability to utilize correct tools, techniques and methods for handling specific electrical projects by applying thorough knowledge of codes and the skills of a craftsman.
- Ability to interpret prints, schematics, wiring diagrams, flow charts and written descriptions of functions and project requirements.
- Must be able to interpret complicated circuitry designs and have a good understanding of electronic devices such as relays and VFD's.
- Ability to operate electrical machines, equipment and other hand and/or power tools needed to perform skill related job tasks.
- Ability to work in confined spaces and gain access to areas that normally require stairs, ladders and scaffolding, using specific methods to perform job tasks.
- Must possess excellent communication skills and ability to interact in a positive manner with campus community, including students, building managers, academic personnel and craft personnel, in a multi-cultural environment.
- Ability to track jobs to completion and prioritize requirements; able to work and support shutdowns and project schedules to minimize interference with others.
- Ability to interpret information from equipment manufacturers manuals, service requests, layout sketches, blueprints, appropriate state and local government codes, trade-specific manuals and practices and to determine how the fixture or equipment should perform.
- Ability to distinguish colors and use color codes effectively.
- Ability to communicate clearly over the telephone and two-way radio.
- Ability to execute all job assignments in a timely manner.
- Must be willing and able to work in confined spaces such as vaults and manholes and be able to work in high lifts to reach overhead lines.
- Must be able to lift 75-pound objects and maneuver much heavier objects such as manhole covers.
- Must be available to respond to emergencies, work on-call, rotating swing shift and holidays.
- Must be able to accommodate the campus overtime needs as needed.
- Must adhere to Facilities Services work rules and Code of Conduct.
- Employee is personally responsible for following health and safety guidelines/instructions.
- Knowledge of OSHA and NEC high voltage regulations and 40 hours of documented high voltage safety training.
- Knowledge of HVPPE, HV testing procedures, and HV equipment.

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Preferred Qualifications

- Strong conduit installation abilities.
- Must have strong motor control skills with or without drawings.
- Must have experience with outdoor lighting system.
- High voltage relay calibration, cable splicing and cable terminating skills.
- Troubleshooting of control systems related to pumps and motors of various voltage supplies skills.
- Hard Splices and Pre-Formed Splice Kits certification issued by a licensed school or approved training program.
- Knowledge of Control Systems related to pumps and motors.
- Knowledge of and experience with FS6 breakers, high and medium voltage breakers and relays and mains up to 600 volts.
- Trained on the use of high lifts and bucket truck.

Salary & Benefits

For information on the comprehensive benefits package offered by the University, please visit the University of California's [Compensation & Benefits](#) website.

Under California law, the University of California, Berkeley is required to provide a reasonable estimate of the compensation range for this role and should not offer a salary outside of the range posted in this job announcement. This range takes into account the wide range of factors that are considered in making compensation decisions including but not limited to experience, skills, knowledge, abilities, education, licensure and certifications, analysis of internal equity, and other business and organizational needs. It is not typical for an individual to be offered a salary at or near the top of the range for a position. Salary offers are determined based on final candidate qualifications and experience.

The budgeted hourly rate that the University reasonably expects to pay for this position is \$75.57 (Step 1).

- This is a full-time, Career position that is eligible for full UC benefits.
- This is a non-exempt, bi-weekly paid position.

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How to Apply

- To apply, please submit your resume and cover letter.

Driving Required

- Required to hold valid driver's license, have a driving record that is in accordance with local policies/procedures, and/or enroll in the California Employer Pull Notice Program.

Other Information

This position is governed by the terms and conditions in the agreement for the Skilled Crafts Unit (KB) between the University of California and the Alameda County Building and Construction Trades Council (ACBCTC). The current bargaining agreement manual can be found at:

<http://ucnet.universityofcalifornia.edu/labor/bargaining-units/kb/index.html>

- This is not a visa opportunity.

Conviction History Background

This is a designated position requiring fingerprinting and a background check due to the nature of the job responsibilities. Berkeley does hire people with conviction histories and reviews information received in the context of the job responsibilities. The University reserves the right to make employment contingent upon successful completion of the background check.

Physical Exam

- Employment is contingent upon passing a physical exam.

Misconduct

SB 791 and AB 810 Misconduct Disclosure Requirement: As a condition of employment, the final candidate who accepts a conditional offer of employment will be required to disclose if they have been

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subject to any final administrative or judicial decisions within the last seven years determining that they committed any misconduct; received notice of any allegations or are currently the subject of any administrative or disciplinary proceedings involving misconduct; have left a position after receiving notice of allegations or while under investigation in an administrative or disciplinary proceeding involving misconduct; or have filed an appeal of a finding of misconduct with a previous employer.

"Misconduct" means any violation of the policies or laws governing conduct at the applicant's previous place of employment, including, but not limited to, violations of policies or laws prohibiting sexual harassment, sexual assault, or other forms of harassment, discrimination, dishonesty, or unethical conduct, as defined by the employer. For reference, below are UC's policies addressing some forms of misconduct:

https://apptrkr.com/get_redirect.php?id=6141448&targetURL=

SB 791 and AB 810 Misconduct Disclosure Requirement: As a condition of employment, the final candidate who accepts a conditional offer of employment will be required to disclose if they have been subject to any final administrative or judicial decisions within the last seven years determining that they committed any misconduct; received notice of any allegations or are currently the subject of any administrative or disciplinary proceedings involving misconduct; have left a position after receiving notice of allegations or while under investigation in an administrative or disciplinary proceeding involving misconduct; or have filed an appeal of a finding of misconduct with a previous employer.

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[UC Sexual Violence and Sexual Harassment Policy](#)

[UC Anti-Discrimination Policy](#)

[Abusive Conduct in the Workplace](#)

Equal Employment Opportunity

The University of California is an Equal Opportunity/Affirmative Action Employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual

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orientation, gender identity, national origin, disability, or protected veteran status. For more information about your rights as an applicant, please see the

[https://apptrkr.com/get_redirect.php?id=6141448&targetURL=U.S. Equal Employment Opportunity Commission](https://apptrkr.com/get_redirect.php?id=6141448&targetURL=U.S.EqualEmploymentOpportunityCommission) poster.

The [University of California's Affirmative action policy](#).

The [University of California's Anti-Discrimination policy](#).

To apply, visit

https://careerspub.universityofcalifornia.edu/psc/ucb/EMPLOYEE/HRMS/c/HRS_HRAM_FL.HRS.CG_S

Contact Information

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

Contact

N/A

University of California, Berkeley

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