

High Voltage Electrician (8154C), Facilities Services -  
73582

University of California, Berkeley

Direct Link: <https://www.AcademicKeys.com/r?job=246951>

Downloaded On: Oct. 19, 2024 1:16pm

Posted Oct. 11, 2024, set to expire Feb. 7, 2025

<b>Job Title</b>	High Voltage Electrician (8154C), Facilities Services - 73582
<b>Department</b>	
<b>Institution</b>	University of California, Berkeley Berkeley, California
<b>Date Posted</b>	Oct. 11, 2024
<b>Application Deadline</b>	Open until filled
<b>Position Start Date</b>	Available immediately
<b>Job Categories</b>	Professional Staff
<b>Academic Field(s)</b>	Facilities/Maintenance/Transportation
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**Job Description**

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**About Berkeley**

At the University of California, Berkeley, we are committed to creating a community that fosters equity of experience and opportunity, and ensures that students, faculty, and staff of all backgrounds feel safe, welcome and included. Our culture of openness, freedom and belonging make it a special place for students, faculty and staff.

The University of California, Berkeley, is one of the world's leading institutions of higher education, distinguished by its combination of internationally recognized academic and research excellence; the

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transformative opportunity it provides to a large and diverse student body; its public mission and commitment to equity and social justice; and its roots in the California experience, animated by such values as innovation, questioning the status quo, and respect for the environment and nature. Since its founding in 1868, Berkeley has fueled a perpetual renaissance, generating unparalleled intellectual, economic and social value in California, the United States and the world.

We are looking for equity-minded applicants who represent the full diversity of California and who demonstrate a sensitivity to and understanding of the diverse academic, socioeconomic, cultural, disability, gender identity, sexual orientation, and ethnic backgrounds present in our community. When you join the team at Berkeley, you can expect to be part of an inclusive, innovative and equity-focused community that approaches higher education as a matter of social justice that requires broad collaboration among faculty, staff, students and community partners. In deciding whether to apply for a position at Berkeley, you are strongly encouraged to consider whether your values align with our [Guiding Values and Principles](#), our [Principles of Community](#), and our [Strategic Plan](#).

At UC Berkeley, we believe that learning is a fundamental part of working, and 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 staff employees with at least 80 hours (10 days) of paid time per year to engage in professional development activities. To find out more about how you can grow your career at UC Berkeley, visit [grow.berkeley.edu](http://grow.berkeley.edu).

### 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.

### Application Review Date

The First Review Date for this job is: October 23, 2024

### Responsibilities

HIGH VOLTAGE ELECTRICIAN

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- 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.
- Maintains high voltage equipment like switches, circuit breakers, transformers, relays, transmission lines, cables, and cable terminations.
- Manage high voltage relay calibration, cable splicing, and cable terminating.
- Troubleshoot control systems related to pumps and motors of various voltage supplies.
- 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.

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### OTHER

- Perform other duties as assigned.

### Required Qualifications

- Three years high voltage experience, preferably Hard Splices and Pre-Formed Splice Kits certification issued by a licensed school or approved training program.
- Strong troubleshooting skills
- Ability to interpret complicated circuitry designs and have a good understanding of electronic devices such as relays and VFD's,
- 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.
- Ability 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.
- 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.
- Ability 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.
- Ability to lift 75 pound objects and maneuver much heavier objects such as manhole covers.

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- Availability to respond to emergencies, work on-call, rotating swing shift and holidays.
- Ability to accommodate the campus overtime needs as needed.
- Ability to adhere to Facilities Services work rules and Code of Conduct.
- Ability to follow health and safety guidelines/instructions.

Education/Training:

- Five-year electrical apprenticeship program or equivalent.
- California State Electrical License.

**Preferred Qualifications**

- Strong conduit installation abilities.
- Strong motor control skills with or without drawings.
- Experience with outdoor lighting system.
- 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.
- Knowledge of HVPPE, HV testing procedures, and HV equipment.
- 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.

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The budgeted salary or hourly range that the University reasonably expects to pay for this position is \$75.57 (step 1.0).

- This is a 100%, full-time (40 hours per week), career position that is eligible for full UC benefits.
- This position is non-exempt and paid bi-weekly.

### **How to Apply**

To apply, please submit your resume and cover letter.

### **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.

### **Mandated Reporter**

This position has been identified as a Mandated Reporter required to report the observed or suspected abuse or neglect of children, dependent adults, or elders to designated law enforcement or social service agencies. We reserve the right to make employment contingent upon completion of signed statements acknowledging the responsibilities of a Mandated Reporter.

### **Driving Required**

A valid driver's license and DMV check for driving record is required.

### **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>.

### **Equal Employment Opportunity**

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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 orientation, gender identity, national origin, disability, or protected veteran status. For more information about your rights as an applicant, please see the [U.S. Equal Employment Opportunity Commission](#) 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](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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