



Los Angeles Unified School District - Job Opportunity

Job Posting Title	Electron Microscopist (Health)
Reference code	JP18-044-XA1
Minimum Salary	\$ 28.29
Maximum Salary	\$ 35.23
Application Open Date	07/20/2018
Application Close	08/09/2018

Information about LAUSD

Whether you are just beginning your career, contemplating a career change, or are a seasoned professional looking for a new opportunity to expand your career, LAUSD offers a variety of non-teaching opportunities. Our competitive salaries, outstanding benefits, excellent training, and a professional environment, plus many other incentives, make up the culture that is LAUSD Classified Employment.

Our service excellence, commitment to training, opportunities for growth, exposure to new technology and promotion of family-work balance, have resulted in a demonstrated track record of longevity of service of our employees.

As an employee of the LAUSD, you will join a group of skilled and dedicated men and women who are working together to serve the educational interest of the children in our community. If you are looking for new challenges to take your career further, consider the Los Angeles Unified School District (LAUSD).

Department or School Site

Current full-time vacancy is located in the Facilities Environmental Technical Unit (FETU) in downtown Los Angeles.

The Facilities Environmental Technical Unit (FETU) is responsible for hazardous material abatement and management and for State and Federal Asbestos Hazard Emergency Response Act (AHERA) regulatory compliance as follows: execute abatement projects with FETU force

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account labor, perform assessments, prepare abatement designs as well as review assessment reports, abatement designs, and close out reports following abatement contracts submitted by environmental consultants for all District contracted projects, develop specifications and procedures for safe handling of asbestos, lead, and mold, in concert with the Office of Environmental Health and Safety (OEHS), and review and approve qualifications of abatement contractors and environmental consultants and manage master service contracts for such services

Project

Electron Microscopist uses a transmission electron microscope, energy dispersive spectrometer, and related laboratory equipment to perform tests of air and water samples to detect asbestos and qualify and quantify findings.

Benefits

Insurance:

District paid premiums for your choice of several medical, dental, and vision for you and your dependents.

Retirement:

Membership in the California Public Employee Retirement System (CalPERS.)

Vacation:

Two Weeks of Paid vacation to start; three weeks after five years of year-round paid service.

Paid Holidays: 12 days.

NOTE: Positions in this job classification may be offered on a 10 or 11 month basis – salary and paid time off for 10 or 11 month positions will be adjusted accordingly. Positions in this job classification may be subject to additional furlough days.

Job Duties/Responsibilities

The duties of Electron Microscopist are, but are not necessarily limited to, the following:

- Uses laboratory equipment, such as a stereo microscope, plasma asher, and vacuum evaporator to prepare air and water samples to be analyzed by electron microscopy.
- Conducts qualitative and quantitative analyses of samples suspected of containing asbestos and determines the type and amount of asbestos found.
- Analyzes samples by using selected-area electron diffraction to classify asbestos fibers by their diffraction patterns.
- Performs x-ray energy dispersive spectrometry to analyze and characterize an individual asbestos fiber's elemental composition.
- Operates the electron microscope camera to photograph samples.
- Calibrates and aligns the electron microscope and other laboratory equipment and conducts resolution tests to determine quality of microscope operations.
- Cleans microscopes and other laboratory instruments by appropriate

methods.

-Applies District guidelines and governmental quality control standards in performing laboratory work.

-Keeps files of laboratory test results and samples.

-Requests and maintains related laboratory supplies.

This class description is not a complete statement of essential functions, responsibilities, or requirements. Requirements are representative of the minimum level of knowledge, skill, and/or abilities. Management retains the discretion to add or change typical duties of this position at any time.

Minimum Requirements

Education:

Twelve semester or equivalent quarter units in chemistry, geochemistry, physics, crystallography, geology, mineralogy, or related courses at a recognized college or university, preferably with courses in microscopy.

Experience:

One year of experience performing transmission electron microscopy.

Special Physical Requirement:

Normal color perception

SPECIAL NOTE:

-Employment is subject to medical clearance.

-Positions in this classification are subject to pertinent provisions of the General Industry Safety Orders of the California Code of Regulations regarding protective equipment when exposed to hazardous materials, including, but not limited to, asbestos and lead.

-Prior to employment, all successful candidates will be required to pass an asbestos medical examination in compliance with the General Industry Safety Orders of the California Administrative Codes.

-Requires wearing a negative pressure respirator

Desirable Qualifications

An ideal candidate for this position will possess the following characteristics:

Knowledge of:

-Equipment used in the laboratory, such as transmission electron microscope, energy dispersive spectrometer, vacuum evaporator, and plasma asher

-Asbestos sample preparation for transmission electron microscope analysis

-Laboratory procedures and related quality control standards

-Microscopy methods and techniques

-Laboratory record keeping procedures

-Current developments in the field of electron microscopic analysis of fibers

-Safe laboratory practices and procedures

Ability to:

- Conduct meticulous resolution tests of microscope operations
- Recognize various types and characteristics of asbestos
- Utilize observational skills requiring unusual finesse and interpretation
- Perform repetitive procedures
- Determine and measure precise differences in shape and size of substances analyzed
- Clean, calibrate, and align electron microscopes and related laboratory instruments
- Perform standard microscopy methods and procedures without close supervision
- Meet the quality assurance, quality control requirements as per the National Voluntary Laboratory Accreditation Program

Employment Selection Process

We anticipate receiving extensive number of well qualified applicants for this position; therefore, there will be a competitive process. The hiring departments have requested that we proceed with the selection process in an expeditious and timely manner. To honor this request, we will be adhering to a pre-planned employment assessment schedule.

The assessment process consists of a Written Test, and a Technical Interview tentatively scheduled for late August/early September. All candidates will be notified via e-mail of the next steps in the selection process shortly after recruitment closes.

Please make sure you receive e-mail confirmation from us on receiving your application. If you do not receive an e-mail confirmation from us it means that we did not receive your application.

Also, please be sure to include correspondence from @lausd.net as an approved sender so that messages are not accidentally placed into your spam/junk e-mail folder.

For more information about the LAUSD employment assessment process, please see CAREER TOOLS on our website:
<http://www.lausdjobs.org>

Application Process

DO YOU NEED TECHNICAL ASSISTANCE WITH THE ON-LINE APPLICATION?

Call 213-241-3455 Weekdays 8:00 am-5:00 pm or email us at helpmeapply@lausd.net.

To find out whether the application deadline has been extended, visit the website at: <http://www.lausdjobs.org>

The Los Angeles Unified School District intends that all qualified persons

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shall have equal opportunities for employment and promotion.

Reasonable accommodations in completing an application and testing are available to individuals with disabilities. Please call (213) 241-3455 for more information. The TDD number for individuals with hearing impairments is (213) 241-8408.

Additional Posting Information

Selection and promotion are based on a competitive employment assessment process. Candidates who pass all parts of the assessment process are placed on a hiring (eligibility) list based on their assessment score. Hiring departments may make job offers to candidates on the top three ranks of the hiring list. Eligibility typically lasts for 12 months. The hiring list resulting from this assessment process may be used to fill open positions in related job classifications.

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