

# Safety and Health Laboratory Technician

## Position Details

Class Code: 4250

Job Family: Skilled Trades/Technicians

Classification: Support Professional

Terms of Employment: [Pay Grade 51 on the Support Professional Salary Schedule](#)

FLSA STATUS: NON-EXEMPT

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## Position Summary

Under general direction, conducts laboratory analysis by polarized or phase contrast light microscopy; collects and documents air and mineral samples.

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## Essential Duties and Responsibilities

This list of Essential Duties and Responsibilities is not exhaustive and may be supplemented.

1. Performs air and bulk mineral sample analysis by polarized and phase contrast light microscopy.
2. Communicates analytical results verbally and in writing to field inspectors, contractors, and Clark County District (CCSD) staff.
3. Calibrates and maintains sampling/testing equipment.
4. Assists in Quality Assurance program and participates in laboratory certification proficiency tests.
5. Measures and documents air volume and pressure at asbestos abatement projects.
6. Monitors air quality at asbestos abatement projects.
7. Collects, documents, and transports samples to laboratory.
8. Monitors other local governmental agency facilities for indoor air quality.

9. Maintains computerized records of laboratory analyses.
  10. Orders laboratory supplies.
  11. Conforms to safety standards, as prescribed.
  12. Performs other tasks related to the position, as assigned.
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## **Distinguishing Characteristics**

Involves identification and qualification of asbestos by the use of polarized and phase contrast light methods.

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## **Knowledge, Skills, and Abilities (Position Expectations)**

1. Knowledge of polarized and phase contrast light microscopy.
  2. Knowledge of asbestos sampling methods.
  3. Knowledge of safe laboratory procedures.
  4. Ability to pass a normal color vision test.
  5. Ability to wear a negative pressure respirator.
  6. Ability to prepare and maintain accurate reports/records.
  7. Ability to pass an Asbestos Hazardous Emergency Response Act (AHERA) type physical examination for use of negative pressure respiratory protection.
  8. Ability to plan and organize tasks.
  9. Ability to communicate effectively, both verbally and in writing.
  10. Ability to safely move and relocate heavy objects.
  11. Ability to perform physically demanding work.
  12. Ability to work flexible hours or shifts.
  13. Ability to work in confined areas.
  14. Ability to withstand heights and perform work safely.
  15. Ability to work cooperatively with employees, the public, and other agencies.
  16. Ability to recognize and report hazards and apply safe work methods.
  17. Possess physical and mental stamina commensurate with the responsibilities of the position.
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# Position Requirements

## Education, Training, and Experience

1. High school graduation or other equivalent, (General Educational Development (GED), foreign equivalency, etc.).
2. One (1) year of experience in a commercial or government laboratory using polarized and phase contrast light microscopy; or, 24 college credit hours in any combination of science-related fields (mathematics, biology, chemistry, mineralogy, or environments, etc.).
3. Must pass an AHERA-type physical examination for use of negative pressure respiratory protection.

## Licenses and Certifications

1. A valid driver's license or state-issued identification card.
2. Certificate of completion in asbestos microscopy classes such as McCrone 508, NIOSH 582, or equivalent.
3. Valid State of Nevada Asbestos Supervisor License.

## Preferred Qualifications

None specified.

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## Document(s) Required at Time of Application

1. Copy of a valid driver's license or state-issued identification card.
  2. High school transcript or other equivalent (GED, foreign equivalency, etc.).
  3. College transcript(s), if applicable.
  4. Certificate of completion in asbestos microscopy classes.
  5. Current (within one (1) year) Medical certification of ability to wear respiratory protection.
  6. Specific documented evidence of training and experience to satisfy qualifications.
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## Examples of Assigned Work Areas

CCSD offices, laboratory settings, asbestos abatement project sites, construction sites, etc.

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## **Work Environment**

### **Strength**

Light - exert force up to 20 lbs., occasionally; 10 lbs., frequently; negligible force constantly.

### **Physical Demand**

Frequent reaching, handling, repetitive fine motor activities, talking and hearing. Vision: Frequent near acuity, occasional far acuity, and color vision. Mobility to work in a typical office setting and use standard office equipment. Vision to read printed materials, a video display terminal (VDT) screen, or other monitoring devices. Hearing and speech to communicate in person, via video conference and computers, or over the telephone.

### **Environmental Conditions**

Climate-controlled office/lab setting. Project areas with temperature extremes up to 130 degrees Fahrenheit and 100% relative humidity requiring the use of a negative pressure respirator.

### **Hazards**

Furniture, playground/office equipment, communicable diseases, chemicals and fumes (as related to specific assignment), and power/hand-operated equipment and machinery (as related to specific assignment).

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## **Examples of Equipment/Supplies Used to Perform Tasks**

Color charts, computers, test tubes, microscopes, various hazardous/toxic chemicals, laboratory equipment and supplies, negative pressure respirators, and other tools related to the trade.

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### **AA/EOE Statement**

The Clark County School District is proud to be an equal opportunity employer. The Clark County School District is committed to providing all applicants and employees equal employment opportunities without regard to race, color, religion, sex, gender identity or expression, sexual orientation, national origin, genetics, disability, age, military status, or other characteristics protected by applicable law. Here at Clark County School District, we are a diverse group of people who honor the differences that drive innovative

solutions to meet the needs of our students and employees. We believe that through a culture of inclusivity, we have the power to reflect the community we serve.

### **Job Revision Information**

- Revised: 10/20/23
- Created: 11/17/93