

## Laboratory Technician I

### ESSENTIAL JOB FUNCTIONS

<i>Constantly = Over 2/3 of time</i>
<i>Frequently = 1/3 - 2/3 of time</i>
<i>Occasionally = Less than 1/3 of time</i>

#### Physical

1. Frequent standing/walking in laboratory or occasionally out in field on all types of surfaces short distances throughout shift;
2. Occasional-to-frequent sitting while driving, working at bench, operating equipment, or completing paperwork; possibly subjected to jarring/bumping while operating vehicle in off-road condition;
3. Frequent lifting/carrying 1 to 25 pounds of boxes, dosimeters, samples, equipment, manuals, etc., occasionally up to 40 to 50 pound soil samples carrying up to 20 feet depending on assignment;
4. Occasional pushing/pulling using both hands/arms requiring force of 1 to 20 pounds while collecting samples or operating testing/laboratory equipment;
5. Occasional climbing stairs or step stool to reach some areas and upper shelves;
6. Frequent bending/twisting at waist/knees/neck while performing routine work throughout shift;
7. Constant use of both hands/arms reaching/handling/grasping/fingering/gripping while operating equipment, collecting samples, keyboarding, recording data, etc.; may involve some overhead reaching;
8. Constant use of sight ability in operating testing equipment, preparing samples, recording test results, and maintaining a safe work environment; visual requirements include color vision, hand/eye coordination, and visual acuity in near- and mid-range vision;
9. Constant use of speech/hearing abilities and writing/reading skills when communicating with all levels of customers/coworkers/supervisors.

#### Mental

1. Constant mental alertness, attention to detail, and high degree of accuracy required in number verification sampling, testing, operating, and calibrating equipment to exact specifications and maintaining a safe work environment;
2. Must possess good oral/written communication skills; must be able to record data accurately; read/write/understand technical procedures/journals/manuals; and communicate with various levels of other department staff;
3. Must possess excellent mathematical skills including algebra in order to make necessary calculations;
4. Must be able to work, follow oral and written instructions, problem-solve, and prioritize work load to ensure completion of all assignments within established time frames;
5. Must be able to follow multiple tasks and complete all assignments within required time frame to exacting specifications;
6. Must be able to deal with pressures of deadlines, multiple tasks, handling emergencies, and hazardous conditions.

## Laboratory Technician I

### **WORKING CONDITIONS AND EQUIPMENT USED**

Work is performed in laboratory or field setting depending on assignment; occasionally out in field while performing sample collection or equipment maintenance, exposed to all types of weather.

Tools & Equipment Used: All types of laboratory testing and calibration equipment, laboratory glassware, motor vehicle, telephone, general office equipment, and safety equipment including lab coat, gloves, and eye protection; depending on assignment in field, safety glasses, hard hat, respirator, anti-C-suit safety shoes, and seat belts when appropriate.

### **REQUIRED TRAINING AND WORK EXPERIENCE**

High school diploma or equivalent, a minimum of two years of college in the natural sciences (chemistry, biology, etc.), and one year of applicable experience in a scientific setting required, or a high school diploma or equivalent and five years of applicable work experience.

### **OTHER SPECIAL QUALIFICATIONS**

Driver's license and basic computer skills required. Must be able to obtain "Q" clearance. Laboratory Technicians performing environmental surveillance or hazardous waste sampling may wear respirator and may be required to enter potentially dangerous environments to perform sampling activities.