

Universal Engineering Sciences, Inc.
Job Description

Job Title: Field Technician
Department: Construction Services Department
Reports To: CSD Field Supervisor, Dept. Manager, or Branch Manager
FLSA Status: Non-Exempt
Last Reviewed: 11/30/18

This is a field position responsible for the day-to-day completion of work assignments related to testing concrete and soils. The person needs to be reliable (responsibilities, tardiness, etc.) and have a good work ethic.

Essential Job Duties and Responsibilities:

- Drive to job sites and conduct soils, concrete, and other construction materials testing. Return samples to office for testing. Report data in an accurate, complete, timely and understandable fashion in accordance with applicable testing procedures.
- Operating testing equipment. Ensure that all test equipment used is functioning properly, maintained as required by company and/or manufacturer's policy and that all calibrated equipment is within its calibration cycle.
- Operate a motor vehicle. Maintain company vehicle (schedule oil changes, check fluid levels, inside/outside upkeep).
- Communicate with dispatching and/or field supervisor, advising of current job status and locations as required. Cellular phones are to be worn at all times and calls are to be returned immediately
- Ensure that project requirements are met and compliant with project specifications, requirements and company policies or procedures.
Prepare reports with testing data using a laptop computer
- Attend all technician meetings.
- Regular attendance is required. Technician must arrive on-time to scheduled jobs.
- Complete daily time and labor report. Regular attendance is required. Technician must arrive on-time to scheduled jobs.
- Complete daily time and labor reports accurately in accordance with company policy.
- Prepare testing reports using Field Data Collection (FDC) software; ability to write and retrieve emails using Microsoft Outlook.
- Follow all company safety procedures and policies.
- Pass required testing certification classes.
- Other duties may be assigned.

QUALIFICATIONS

To perform this job successfully, an individual must be able to perform each essential duty satisfactorily. The following requirements are representative of the knowledge, skill, and/or ability required. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

EDUCATION and/or EXPERIENCE

Ability to read and write. Two to five years of experience is preferred.

LANGUAGE SKILLS

Ability to read and interpret documents such as safety rules, operating and maintenance instructions, and procedure manuals. Ability to write routine reports and correspondence. Ability to speak effectively before groups of customers or employees of organization.

COMPUTER SKILLS

One year of computer experience using Microsoft Outlook. Ability to learn Field Data Collection (FDC) software to input data and prepare reports.

MATHEMATICAL SKILLS

Ability to add, subtract, multiply, and divide in all units of measure, using whole numbers, common fractions, and decimals.

REASONING ABILITY

Ability to apply common sense understanding to carry out instructions furnished in written, oral, or diagram form.

REQUIRED CERTIFICATES, LICENSES, REGISTRATIONS

Valid Drivers License with acceptable driving record (in accordance with our driving requirements)

Ability to pass level 2 background screening in accordance with the Florida Jessica Lundsford Act

Ability to earn the following certifications:

- ACI Level I Certification
- Earthworks Construction Inspection Certification - Level I and II

Ability to obtain additional testing certifications as needed

PHYSICAL DEMANDS

The physical demands described here are representative of those that must be met by an employee to successfully perform the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

While performing the duties of this job, the employee is frequently required to drive, stand; walk; use hands to finger, handle, or feel; reach with hands and arms; climb or balance; and talk or hear. The employee must regularly lift and/or move up to 35 pounds and occasionally lift and/or move up to 75 pounds. In addition to manual lifting, body motions and movements include: bending, twisting, reaching, stooping, pulling, kneeling, lifting, carrying, and pushing. These body motions / movements are performed

continuously (From 66% up to 100% of the task period) to perform the physical manual work tasks involved with soils/concrete testing and related tasks. Employee is regularly required to drive a company vehicle to and from job sites.

The soils and concrete testing process is repeated several times per hour. The workdays usually range from 7 - 9 hours. The technician's primary duty is to test soils using gauges and take concrete sample as concrete is being poured. Obtaining these samples requires extensive manual lifting and handling. The manual lifting is performed individually, and the weights manually lifted range from a few pounds up to 75+ pounds. Weights in the 5- to 75-pound range are lifted frequently (From 33% up to 66% of the task period) with a frequency range 10 – 35 repetitions per hour. Weights in the range of 35 to 75+ pounds (concrete cylinders and Troxler nuclear gauges) are lifted frequently (From 15% to 30% of the task period) with a range of 5 - 15 repetitions per hour. Depending upon the location of the support truck in proximity to the job site, concrete cylinders, soil samples and nuclear gauges are manually lifted and carried / moved distances ranging from a few feet up to 75 feet in walking distance. Cylinders, soil samples, and gauges are unloaded manually at our lab and carried inside for testing.

WORK ENVIRONMENT

The testing work is performed in the Southern/Southeastern indigenous outdoor environments, including the states of Florida, Georgia, Alabama, Louisiana, and occasionally neighboring states, with exposure to: intense sun, intense heat, humidity, rain, thunderstorms, and other adverse weather conditions. The work is performed in both vehicle accessible areas and remote non-accessible undeveloped areas such as: wetlands, swamps, grasslands, and fields. Job site conditions can include uneven surfaces, sand, brush, and other natural and man-made obstacles.

The work environment characteristics described here are representative of those an employee encounters while performing the essential functions of this job. Reasonable accommodations will be made to enable individuals with disabilities to perform the essential functions.

While performing the duties of this job, the employee is regularly exposed to working construction sites and outside weather conditions. The noise level in the work environment is usually moderate to loud.

Universal Engineering Sciences is an Equal Opportunity Employer, Affirmative Action Employer and a Drug free Workplace.