

CLASS TITLE: ENGINEERING LABORATORY TECHNICIAN I

PURPOSE OF THE CLASSIFICATION: Under immediate supervision assists in making physical tests of soils and paving materials and other related assigned duties.

ESSENTIAL TASKS:

- Assists in testing and analysis of soils and sub base materials
- Inspects contractors' asphalt and concrete mixes to insure compliance with City specifications
- Checks and verifies concrete and asphalt plant scales
- Inspects and tests storm sewer and water pipes for proper specifications
- Maintains rain gauges
- Makes field inspections as required
- Prepares various reports

Reasonable accommodations may be made to enable individuals with disabilities to perform the essential tasks.

QUALIFICATIONS:

Training and Experience: Graduation from high school or possession of a General Educational Development Certificate (GED), supplemented by two (2) years of coursework in construction technology or a related field and two (2) years of experience in public works construction, including one (1) year of inspection or laboratory work; or an equivalent combination of training and experience, per Personnel Policies and Procedures, Section 128.

Knowledge, Abilities and Skills: Some knowledge of laboratory equipment and procedures; and some knowledge of soils and paving materials. Ability to use laboratory equipment in the analysis and testing of soils, concrete, and asphalt; ability to maintain accurate records; ability to learn testing standards and specifications of materials; and the ability to understand and influence the behavior of others within the organization, customers, or the public in order to achieve job objectives and cause action or understanding.

Physical Requirements: Physical requirements include arm and hand steadiness and finger dexterity enough to use a telephone; frequent lifting, pushing, and pulling up to 60 pounds; occasional carrying up to 60 pounds; may be subject to extended periods of walking; standing, reaching, balancing, bending, kneeling, crawling, handling, feeling, climbing, smelling, and twisting; and vision, speech, and hearing sufficient to perform the essential tasks.

Licenses and Certificates: Possession of a valid Oklahoma Class "D" Operator's License; and possession of a Class "D" Water/Wastewater License as issued by the Department of Environmental Quality (DEQ).

WORKING ENVIRONMENT: Working environment is primarily outdoors and in inclement weather and occasionally indoors.

Class Code: 3545

EEO Code: N-03

Pay Code: OT-17

Group: Engineering, Planning and Technical

Series: Subprofessional Engineering and Technical

Effective Date: October 1, 1995