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| Title: Construction Materials Inspector | Effective Date: June 24, 2017 | Grade: XI | Job Category: Technician |
| Prior Title: Construction Materials Inspector, Sr. Construction Materials Inspector | Prior Effective Date: May 11, 2012 | Grade: X,XII | Page: 1 of 1 |

CHARACTERISTICS OF WORK

Under the direction of the Resident Engineer, this position is responsible for performing field tests and inspection of materials to ensure their conformance with Department specifications and capability of yielding serviceable and durable finished products.

EXAMPLES OF WORK

The following examples are intended only as illustrations of various types of work performed. No attempt is made to be exhaustive. Related, similar, or other logical duties are performed as assigned. The Department may require employees to perform functions beyond those contained in job descriptions. The Department may modify job descriptions based on Department needs. The Arkansas State Highway and Transportation Department is an "at will" employer.

- Test and evaluate materials with respect to Department specifications and experience to ensure the utilization of materials capable of yielding durable finished products.
- Establish and maintain productive relationships with contractor supervisors to ensure that materials are properly handled and applied and that corrections in procedure are promptly made.
- Monitor asphalt plants and pit operations to ensure that quality materials are used in construction projects.
- Train and direct Department staff to ensure adequate and proper control of material production or proper gathering and testing of material samples.
- Maintain and track records and submission of contractor quality control and acceptance test results.
- Prepare reports showing results of materials testing, documentation of contractor test results and verification of test results.
- Employee is required to frequently drive a Department vehicle to various locations within the District.

MINIMUM REQUIREMENTS

The educational equivalent to a diploma from an accredited high school. Five years of highway inspection and/or materials testing experience. Knowledge of materials standards and construction materials specifications. Certifications in Soils/Earthwork, Asphalt Plant and Field Testing, and Portland Cement Concrete Testing by the Technician Certification Program at the Mack-Blackwell Rural Transportation Study Center or equivalent certification. Working knowledge of Microsoft Word, Excel, and Outlook software and the use of Microsoft Windows operating system. Ability to use SiteManager software or other electronic construction inspection software to record inspection documentation. Valid driver's license.

("Accredited" means the educational institution or program is accredited by an accrediting organization recognized either by the United States Department of Education or by the Council for Higher Education Accreditation.)

