

Title:	Effective Date:	Grade:	Job Category:
Senior Materials Technician	January 25, 2024	IX	Technician
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Senior Materials Technician	August 30, 2023	IX	1 of 1

CHARACTERISTICS OF WORK

With minimal supervision, this position is responsible for conducting laboratory testing and sampling of materials for maintenance and construction, preparation of reports and test results and other related or assigned tasks.

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 Department of Transportation is an "at will" employer.

- Sample and test construction and maintenance materials.
- Assist others in performing tests.
- Check and verify test results.
- Develop or improve testing techniques.
- Train and provide direct assistance to others in testing and laboratory procedures.
- Assist in assuring individual technical competencies for AASHTO Accreditation Program.

MINIMUM REQUIREMENTSEducation and experience:

The educational equivalent to a diploma from an accredited high school.

Knowledge, skills and abilities:

Knowledge of specifications and highway construction materials. Working knowledge of testing procedures. Working knowledge of the use of Microsoft Word, Excel and Outlook. Intermediate math skills. Ability to train others.

Physical requirements:

Ability to lift and carry 50 pounds with or without reasonable accommodation.

Working conditions:

Laboratory environment.

Licenses, registrations and certifications:

Certification in Basic Aggregate testing plus one of the following: Soils, Hot Mix Asphalt Testing, Concrete Field Testing, or Concrete Strength Testing by the Technician Program at the Center for Training Transportation Professionals, or equivalent certification. Must obtain one additional of the aforementioned certifications within one year of hire or promotion. Failure to obtain the certification within the allotted time period may result in demotion or immediate termination.

("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.)