

Title: <b>Materials Technician IV</b>	Effective Date: May 11, 2012	Grade: XI	Job Category: Technician
Prior Title: Materials Technician IV	Prior Effective Date: October 20, 2011	Grade: XI	Page: 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 of 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 State Highway and Transportation Department 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 others in testing and laboratory procedures.
- Assist in assuring individual technical competencies for AASHTO Accreditation Program.

*MINIMUM REQUIREMENTS*

The educational equivalent to a diploma from an accredited high school. Knowledge of specifications and highway construction materials. Certification in two of the following: Soils/Earthwork, Asphalt Plant and Field Testing, Portland Cement Concrete Testing, or Portland Cement Concrete Strength Testing by the Technician Program at the Mack-Blackwell Rural Transportation Study Center, or equivalent certification. Working knowledge of the use of Microsoft Word and Excel. Three years as Materials Technician III or equivalent experience is desirable.

*("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.)*

