

Title: Staff Materials Engineer	Effective Date: September 17, 2008	Grade: XIX	Job Category: Professional
Prior Title: Staff Materials Engineer	Prior Effective Date: August 24, 2007	Grade: XIX	Page: 1 of 1

CHARACTERISTICS OF WORK

This position is responsible for the administration and operation of testing functions performed by the central laboratories relating to materials used in highway construction and maintenance and for the accuracy of and adherence to the proper test procedures.

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.

- Administer and supervise the operations of the asphalt design, physical tests and chemistry laboratories.
- Interpret specification and test procedures and assist in the solution and/or disposition of materials testing problems.
- Review and recommend acceptance of test results of materials.
- Supervise and assist in the development of techniques for performing in-house research involving the laboratories.
- Maintain national laboratory certification from AASHTO.
- Administer the use of radioactive material within the Department as supervisor of the Department's radiation protection officer.

MINIMUM REQUIREMENTS

Possession of a current *Arkansas* license to practice professional engineering. Knowledge of highway design, construction, maintenance and materials testing, and personnel management. One year as Section Head or Materials Area Engineer or equivalent experience. Valid driver's license.