

Title: Chemist I	Effective Date: October 20, 2011	Grade: X	Job Category: Professional
Prior Title: Chemist I	Prior Effective Date: October 18, 2010	Grade: X	Page: 1 of 1

CHARACTERISTICS OF WORK

Under the supervision of the Section Head, this position performs physical/chemical testing of construction and maintenance materials to ensure conformity with applicable materials specifications and standards.

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.

- Conduct routine physical/chemical testing of construction and maintenance material.
- Use scientific instruments and equipment in analysis.
- Record test data and formulate reports.
- Review/edit data for detail and accuracy.
- Evaluate test results against requirements of a material standard/specification.

MINIMUM REQUIREMENTS

The educational equivalent to a bachelor's degree from an accredited college or university in chemistry. Professional laboratory experience is desired. Working knowledge of the use of Microsoft Word and Excel.

("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.)