

Title: Chemist III	Effective Date: October 20, 2011	Grade: XIV	Job Category: Professional
Prior Title: Analytical Chemist	Prior Effective Date: October 18, 2010	Grade: XIV	Page: 1 of 1

CHARACTERISTICS OF WORK

Under general supervision, this position is responsible for providing analytical chemical analysis of materials used in highway construction, maintenance and other Departmental operations.

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.

- Instruct and supervise others in laboratory procedures and techniques.
- Conduct analysis of new materials introduced for highway use.
- Conduct complex chemical analyses.
- Operate special laboratory equipment.
- Formulate reports from test results.
- Provide technical assistance in the interpretation/clarification of chemistry-related specifications and standards.
- Communicate information clearly and concisely, orally and in writing.
- Assist in assuring individual technical competencies for AASHTO Accreditation Program.

MINIMUM REQUIREMENTS

The educational equivalent to a bachelor's degree from an accredited college or university in chemistry. Experience in testing and analytical procedures and methods. Three years as Chemist II or equivalent experience.

("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.)