

Title: <b>Chemist</b>	Effective Date: June 17, 2023	Grade: XI	Job Category: Professional
Prior Title: Chemist	Prior Effective Date: June 19, 2021	Grade: XII	Page: 1 of 1

***CHARACTERISTICS OF WORK***

Under general supervision, this position is responsible for the physical/chemical testing of construction and maintenance materials to ensure conformity with applicable materials specifications and quality control 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 Department of Transportation is an "at will" employer.

- Conduct complex chemical analyses.
- Conduct analyses using special laboratory equipment.
- Conduct physical/chemical testing of construction and maintenance material with minimal supervision.
- Review/edit documents for detail accuracy.
- Evaluate test results against requirements of a materials standard or specification.

***MINIMUM REQUIREMENTS***

Education and experience: The educational equivalent to a bachelor’s degree from an accredited college or university in chemistry. Professional laboratory experience desired.

Knowledge, skills and abilities: Working knowledge of the use of Microsoft Word and Excel. Ability to effectively communicate (written and oral) with internal and external contacts.

Physical requirements: Ability to lift 50 pounds with reasonable accommodation.

Working conditions: Laboratory environment.

*("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.)*