

Title: Steel Fabrication Inspector	Effective Date: June 24, 2017	Grade: XI	Job Category: Technician
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CHARACTERISTICS OF WORK

Under the general supervision of the Staff Concrete and Steel Fabrication Engineer, this position is responsible for inspection of shop fabrication of structural bridge steel and precast concrete products to ensure compliance to design plans and specifications.

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.

- Inspect materials used during the fabrication process of concrete and steel products to ensure compliance with standards and specifications.
- Perform sampling of various materials for acceptance testing.
- Document pay quantities by verifying on-site material.
- Review material certifications for compliance to specifications.
- Witness magnetic particle, dye penetrant, and ultrasonic testing performed by the contractor.
- Perform fabrication inspection at various locations within the state and in bordering states.

MINIMUM REQUIREMENTS

The educational equivalent to a diploma from an accredited high school. Knowledge of construction plans, specifications, and highway materials sampling procedures. Knowledge of construction project documentation procedures. Experience in fabrication inspection desired. Certified welding inspector certification desired. Working knowledge of Microsoft Word, Excel, and Outlook software, and the use of Microsoft Windows operating system. Ability to lift and carry 50 pounds. Valid driver's license.

("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.)

