

CLASSIFICATION SPECIFICATION

FLSA:	NEXP	Job Code:	ACV34825
Job Class Code:	810	Salary Schedule:	ASRRWELD
EEO Category:	07	Grade:	17
Workers Comp Code:	5606		
Job Code Established:	04/05/91	Effective Date:	04/05/91
Job Code Revised:	01/01/01	Effective Date:	

JOB CODE SERIES: Equipment Maintenance and Repair Series

JOB CODE TITLE: WELDER

HRIS TITLE: WELDER

CHARACTERISTICS OF THE CLASS: Works under general to limited supervision of a Building Maintenance Supervisor, Physical Plant Supervisor, or Equipment Shop Supervisor. Has the authority to order materials and supplies needed to complete assignments; determine appropriate techniques/procedures to effectively and safely fabricate, modify, and/or repair various equipment/structures. Performs journey level welding work in the fabrication, repair, and/or modification of various equipment and structures. Work product consists of timely fabrication, modification, and/or repair of various equipment and structures. Responsible for determining materials, supplies, and equipment needed to complete work assignments; maintaining welding materials; supplies, and equipment in a safe, operable condition; maintaining records of materials/supplies used and equipment/ structures fabricated, modified, and/or repaired.

EXAMPLES OF DUTIES: Repairs/reconditions various heavy construction equipment using appropriate materials and welding techniques/procedures. Fabricates various equipment/structures based on plans, blueprints, sketches, and/or verbal instructions using appropriate tools, materials, and welding techniques/procedures. Designs various equipment/structures and/or modifications to equipment/structures, based on special needs of users, determining materials/supplies needed and estimating time and costs for completing the project. Repairs various structures/structural components using appropriate materials and welding techniques/procedures. Maintains inventory of materials and supplies needed. Prepares reports/maintains records of work performed. Performs related work as required.

WORK CONDITIONS: Exposure to inclement weather conditions; exposure to grease, dirt, and equipment exhaust fumes; heavy lifting, frequently involving 50 pounds or more; may involve travel.

KNOWLEDGE, SKILLS AND ABILITIES:

Knowledge of: the various types of welding and the most appropriate applications of each; the properties/uses of various metals and the welding techniques and procedures best suited to each; general safety equipment and practices associated with the welding trade; the purposes/uses of the various equipment/ structures fabricated, modified, and/or repaired; materials, supplies, and tools needed to fabricate, modify, and/or repair various equipment/structures.

Skill/Ability to: using various welding equipment, including oxyacetylene, electric arc, heliarc, and Metal Inert Gas (MIG) and Tungsten Inert Gas (TIG) welding process; fabricating, modifying, and/or repairing various equipment/structures based on plans, blueprints, sketches, and/or verbal instructions; using a variety of metal fabrication tools/equipment, including grinders, presses, brakes, and rollers; basic recordkeeping and inventory control.

SPECIAL SELECTION FACTORS: Must possess a valid Arizona driver's license at a level appropriate to the position/assignment. A medical/physical evaluation is required prior to appointment. Four years of journey level experience including both fabrication and repair work. Any combination of training and experience that meet the knowledge, skills, and abilities (KSAs) may be substituted.