

**CODE: 53056**  
**UNIT: BLUE COLLAR**  
**GRADE: 9**  
**FLSA: Non-exempt**

**CLASSIFICATION**

FABRICATION & MAINTENANCE TECHNICIAN

**SUMMARY**

Fabricates, upgrades, installs, repairs, and maintains mechanical structures and equipment to include welding, sheet metal, hvac, electromechanical, motorized equipment, carpentry, glazing, plumbing incinerator operations for district's schools. Operates specialized heavy equipment.

**MINIMUM REQUIREMENTS**

Four years fabricating, sheet metal, welding, plumbing, HVAC, and electrical trades experience.

Experience in the repair of refrigeration equipment, absorption, centrifugal cooling systems, high pressure vessels, and various heating and cooling equipment.

Completion of a recognized training or apprenticeship program in the field.

Verbal & written communication skills in English and a demonstrated ability to read and comprehend written/graphic and oral instructions.

Any equivalent combination of experience, training education.

**ADDITIONAL REQUIREMENTS AFTER HIRE**

FBI fingerprint background check (at employee's expense).

Proof of immunity to rubeola (measles) and rubella (German measles), or proof of MMR immunization.

Post-offer/pre-employment lift test.

**Must hold a current Arizona Driver's license and have accrued no more than the allowable points against Driver's License as described under [Governing Board Policy: EEB-R-1](#) Business and Personnel Transportation Services - Transportation by Employees.**

**ESSENTIAL FUNCTIONS**

**THE LIST OF ESSENTIAL FUNCTIONS IS NOT EXHAUSTIVE AND MAY BE SUPPLEMENTED.**

Fabricates, troubleshoots, repairs, maintains, HVAC, plumbing, sewage systems, welding, carpentry, sheet metal, electromechanical, glazing, and motorized equipment and fixtures.

Coordinates safety inspections and provides training of proper operation of mechanical equipment, such as basketball frames, bleachers, over head doors, hydraulic lifts, wheelchairs lifts, etc.

Estimates fabrication cost for remodeling and upgrades to classrooms, buildings, and grounds.

Coordinates safety inspections with governmental agents. Confers with inspectors, utilities, and safety representatives.

Ensures safe and proper mechanical operation of plant equipment at sites, performs preventative maintenance to equipment and machinery.

Fabricates sheet metal from designs, drawings, and blue prints, such items as handrails, gates, security screens, window bars and cages for back flow valves.

Operates specialized and heavy equipment such as boom trucks, forklifts, front loaders, stake bed trucks, lift gates, small backhoe, trenchers, sewer machines, pumps, and boiler and chiller tube cleaning machines.

Utilizes Mig Welder to repair broken welds on a variety of materials and equipment at sites. Determines method of welding repairs to lockers, doors, chairs, tables, gates, fencing, etc.

Evaluates equipment and determines method of repair and materials needed within established expenditure limits. Makes a recommendation for repair or replacement to supervisor. Finalizes work order forms to include time and materials for each repair.

Installs equipment and fixtures such as fan enclosures, chilled water coils, duct work, vents, gutters, flashing, coolers, condensate pans and troubleshoot venting problems.

Ensures safe operation of elevators, determines shut down times and arranges for necessary repairs.

Coordinates large jobs with vendors and other trade shops.

### **MARGINAL FUNCTIONS**

Performs vehicle safety inspection and add fluids as needed.

Position serves District on an "On Call" status for emergencies.

### **MENTAL TASKS**

Effective communication skills. Performs functions from graphic, written, oral instructions, and from observing others. Evaluates written materials. Comprehends. Reads. Detail oriented.

### **PHYSICAL TASKS**

Work involves the performance of duties where considerable physical exertion is required as a normal part of the job. Assistance is normally available to perform unusually physically demanding tasks. Work may involve lifting and carrying objects weighing as much as 75 pounds up to 50 yards as a regular part of the job. Climbing, stooping, bending, reaching, walking and sitting for extended periods of time may be required as a normal part of the job. Employees must not have any limitations of motion, and vision and hearing should be rated as acceptable to obtain the required driver's license. Verbal communicative ability may be required of public contact positions.

### **EQUIPMENT, AIDS, TOOLS, MATERIALS**

Operates specialized and heavy equipment such as boom trucks, fork lifts, front loaders, stake bed trucks, lift gates, small back hoes, trenchers, sewer machines, pumps, boiler and chiller tube cleaning machines, mig welder. Utilizes office equipment such as telephone, computer, printer and copier. Operates a standard or automatic transmission motor vehicle. May use radio to communicate with others.

### **WORKING CONDITIONS**

Outdoor and indoor environment. School and shop environments. School grounds. Work at height 10 feet or more above ground level. Exposure to noise, dust gas, fumes, and explosive flammable gases. Exposure to dangerous light sources. Exposure to extreme temperatures. Work in small, cramped areas and in unsanitary conditions. Contact with employees, students and public.

### **CONTROL, SUPERVISION**

None

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Reviewed and Revised: 7/99 – LAM/, 6/04, 2/14

Updated: 12/2000 – ANielson, 8/12, 04/19