

## **THE UNIVERSITY OF WYOMING JOB DESCRIPTION**

This is a description of a staff position at the University of Wyoming not a job opening announcement. Look for current job openings at the following link: [UW Human Resources](#).

*The following statements are intended to describe the general nature and level of work being performed. They are not intended to be construed as an exhaustive list of all responsibilities, duties and skills required of personnel so classified.*

**Title: HEAVY EQUIPMENT OPERATOR/MECHANIC**

**Reports To:** Designated Supervisor

**UW Job Code:** 6015

**UW Job Family:** 62 - Crafts/Trades

**SOC Code:** 49-3042

**FLSA:** Non-exempt

**Pay Grade:** 19

**Date:** 9-1-16

### **JOB PURPOSE:**

Operate heavy power construction equipment required to maintain, repair, excavate, or erect the University's grounds, buildings, and structures. Perform a variety of manual tasks in connection with heavy equipment operations such as automotive and mechanical equipment repairs.

### **ESSENTIAL DUTIES AND RESPONSIBILITIES:**

- Level and contour dirt roads on campus and outlying farms using motor grader.
- Mix, load, transport and deposit topsoil for use in campus landscaping using a variety of heavy equipment including dozer, loaders, motor grader, or skid loaders.
- Load, transport, and deposit gravel or asphalt for street and road repairs.
- Operate backhoe and trenching machines to excavate ditches and trenches necessary to repair or install underground utilities.
- Operate street sweeping machine to maintain a clean campus environment.
- Operate mobile overhead cranes with the assistance of radio or hand signals for project work requiring crane operations such as roof work; work with contractors needing crane operation assistance.
- Prepare the crane rigging and determine if the crane operation work is safe; if work is determined by the Heavy Equipment Operator to not be safe (high winds, weight limitations, high electrical wires, too confined an area, unsafe to property or life, etc.), the Heavy Equipment Operator has the authority to call off the crane operation.
- Repair and maintain large trucks, mobile machinery and other portable construction machinery, including routine maintenance at intervals specified in user's manuals for large trucks, mobile machinery and other portable construction machinery and the minor repairs on engines, hydraulic and air systems.

- Rebuild engine, transmission, suspension, brake, electrical, pneumatic and hydraulic components for large trucks and mobile machinery.

### **SUPPLEMENTAL FUNCTIONS:**

- Repair and maintain building compressors, custodial equipment, and emergency power generators throughout campus.
- May assist other Physical Plant or Transportation welding personnel as required.
- Assist with garbage collection and campus cleanup crews as necessary.

### **COMPETENCIES:**

- Attention to Detail
- Technical/Professional Knowledge
- Adaptability
- Independence
- Work Tempo
- Work Standards

### **MINIMUM QUALIFICATIONS:**

Education: **High School Diploma or GED, plus completion of related technical or vocational education/training**

Experience: **2 years work-related experience**

Required licensure, certification, registration, or other requirements:

- **Valid Class A commercial driver's license with airbrake designation**
- **Overhead mobile crane operation certification or the ability to be certified as an overhead mobile crane operator within one year from point of hire**
- **Medical Examiner certification (health card required with Class A CDL with airbrake)**

### **KNOWLEDGE, SKILLS, AND ABILITIES:**

Knowledge of:

- Basic and routine construction drawings, blueprints, sketches, diagrams, and specifications.
- Occupational hazards and safety precautions of the trade.
- Current trade methods, materials, surface preparation and equipment.
- University, state and federal regulations, statutes and ordinances.
- Heavy power construction equipment operation.
- Overhead mobile crane equipment preparation and operation.
- Soils, aggregate fill materials, bases, proper mixing, and compacting techniques.

Skills and Abilities to:

- Read, interpret, and work from basic and routine sketches, blueprints, specifications, and construction drawings.
- Read, understand, and follow safety procedures.
- Communicate effectively both orally and in writing.
- Safely operate heavy equipment such as motor graders, loaders, skid loaders, dozers, rotary blade snow removal trucks, street sweeping machines, backhoe and trenching machinery, and overhead mobile cranes.
- Determine to end crane operations due to unsafe conditions.
- Perform manual labor such as digging or shoveling.
- Move objects weighing up to 100 pounds regularly.
- Safely and efficiently operate and use associated tools and equipment.
- Work as a team member and foster a cooperative work environment.

**WORKING CONDITIONS:**

Various types of heavy equipment and in/outdoor environments; regular exposure to adverse weather conditions; hazardous conditions including exhaust fumes, trenching and digging operations, and dangerous operation of heavy equipment.

Authorized by Classification/Compensation, Human Resources

Employees may be requested to perform job-related tasks other than those specifically presented in this description. Participating in the University's hazardous waste minimization program is part of the job of each employee who uses (or may come in contact with) hazardous materials. Fair Labor Standards Act (exempt/non-exempt) is designated by position. University of Wyoming actively supports Americans with Disabilities Act and will consider reasonable accommodations.