

IOWA DEPARTMENT OF ADMINISTRATIVE SERVICES ▼
HUMAN RESOURCES ENTERPRISE
HEAVY EQUIPMENT OPERATOR

DEFINITION

Operates gasoline and diesel powered heavy construction and related equipment; cleans, oils and services equipment; performs related work as required.

The Work Examples and Competencies listed are for illustrative purposes only and not intended to be the primary basis for position classification decisions.

WORK EXAMPLES

Operates one or more types of power construction and maintenance equipment such as overhead cranes, power shovels, mechanical motor sweepers, derricks, motor patrol graders, scarifiers, bulldozers, draglines, heavy tractors, backhoes, pay loaders and related heavy construction or operating equipment.

Adjusts levers, gears, valves and controls; presses foot and hand pedals to drive machines and control attachments such as blades, buckets, scrapers, booms, hoists in clearing and loading rock, debris, earth, trees, stumps and heavy objects from construction or building sites; excavates and grades roads, ditches and road beds; dredges ponds, channels and waterways; places guy wires, ropes, cables and pulleys on equipment.

Operates air pumps and compressors, sprayers, asphalt burners, earth spreaders and specially adapted construction and operating equipment as required.

Services, lubricates, adjusts and makes minor repairs to assigned equipment.

COMPETENCIES REQUIRED

Knowledge of the rules of safe operation of heavy construction equipment.

Knowledge of state motor vehicle laws.

Knowledge of rules and regulations governing the operation and maintenance of the equipment to which assigned.

Knowledge of tools, equipment and techniques employed in servicing and maintaining heavy equipment.

Ability to operate gasoline and diesel powered heavy construction equipment in a safe manner.

Ability to make emergency adjustments and repairs to equipment.

Ability to follow oral and written instructions.

Ability to perform heavy manual labor and lift heavy objects.

Displays high standards of ethical conduct. Exhibits honesty and integrity. Refrains from theft-related, dishonest and unethical behavior.

Works and communicates with internal and external clients and customers to meet their needs in a polite, courteous, and cooperative manner. Committed to quality service.

Displays a high level of initiative, effort and commitment towards completing assignments efficiently. Works with minimal supervision. Demonstrates responsible behavior and attention to detail.

Responds appropriately to supervision. Makes an effort to follow policy and cooperate with supervisors.

Aligns behavior with the needs, priorities and goals of the organization.

Encourages and facilitates cooperation, pride, trust and group identity. Fosters commitment and team spirit.

Expresses information to individuals or groups effectively, taking into account the audience and nature of the information. Listens to others and responds appropriately.

EDUCATION, EXPERIENCE, AND SPECIAL QUALIFICATIONS

The equivalent of two years of full-time employment involving the operation of two or more of the following types of equipment: heavy bulldozers, power shovels, draglines, heavy motor patrol graders, steamrollers, overhead cranes, payloaders, heavy diesel tractors and related heavy construction equipment exceeding four tons;

OR

satisfactory completion of a formal two-year apprenticeship as an Operating Engineer (Heavy Equipment);

OR

substitution of satisfactory completion of specialized training in operating heavy construction equipment at a recognized training or trade school on a month-for-month basis for the experience requirement to a maximum of twelve months;

OR

for designated positions, experience operating specific kinds of heavy construction equipment may be required and applicants will only be certified to the appointing authority who have demonstrated that they have the required specialized experience.

NECESSARY SPECIAL REQUIREMENTS

All positions in this job class require applicants to possess a Commercial Driver's License Class B and an Air Brakes Unrestricted Endorsement at the time of hire.

Effective Date: 4/1/92 PW