

HEAD MECHANIC/ASSISTANT MECHANIC

GENERAL DEFINITION

Under general supervision, performs skilled repair work on a variety of light to heavy mechanical and specialized equipment and vehicles. Generally performs physical labor to accomplish required mechanical maintenance.

DUTIES

Mechanical repair on all County-owned light, medium and heavy equipment which will include engines, transmissions, differentials, drive units, suspensions, chassis, cooling, air conditioning, fuel, electrical, hydraulic, brake, air and all other mechanical systems. Fabricates parts using drill presses, band saws, chop saws, bench presses, gas torches, plasma cutters and welding equipment.

Responds in a timely manner to request for repair both in the shop and in the field. Maintains necessary records for all repairs and equipment. Maintains a clean safe work area. Maintains a necessary stock inventory of parts. Operates all kind of equipment to test the performance thereof. Maintains driver insurability standards of the County's insurance carrier.

For emergency purposes this position requires that the Mechanic/Assistant Mechanic reside within Allamakee County, and under normal circumstances, report to work at the Waukon shop within one-half hour of being called.

ENTRY REQUIREMENTS

Required knowledge, abilities and skills. Requires the ability to understand and follow oral or written instructions and to interact with the public and fellow employees in providing and/or receiving basic operational information either directly or via two-way radio.

Work involves regular standing, walking and occasional crouching, crawling, stooping and kneeling. Ability to lift, push, pull or handle heavy objects up to 100 lbs. Extensive use of hands, fingers, legs and arms in grasping objects, driving equipment and using hand and power tools involved in maintenance functions. Climbs into cabs of various equipment (trucks, maintainers, backhoes, draglines, etc.). Uses hoists, jacks and related mechanical equipment to lift and align heavy parts and equipment in repair and operational tasks.

Requires knowledge of the mechanical and operational characteristics of heavy equipment and the occupational hazards and appropriated safety precautions used in equipment maintenance and equipment operation. Requires reasoning development sufficient to carry out operational tasks independently and to deal with problems which involve several variables in standardized situations. Ability to work with personal computers to diagnose equipment, order parts, maintain

service records and schedule maintenance work. Uses basic mathematics (addition, subtraction, multiplication and division) in completing time and operational reports. Ability to read with sufficient comprehension to compare similarities and differences between words and numbers, and write numbers, letters and simple sentences. Requires the ability to coordinate eyes, hands, fingers, arms and legs and to make a movement response accurately and swiftly; to respond to visual stimuli in turning and maneuvering operations; excellent depth, spatial and field of vision to see objects 20 feet or more. Capacity to start, stop, control and adjust the actions of machines which must be steered or guided to achieve desired results and keep alert and maintain concentration for prolonged periods.

Combination of inside and outside work, subject to temperature extremes at various times of year. Work is performed in an environment with numerous undesirable conditions including noise, dust, fumes, exposure to moving parts. Potential for serious injury to employees or the public such as loss of limb or life exists due to the nature of work such as blind corners, gravel road surfaces, slow moving farm equipment, speeding traffic, blinding snow storms and related damages to roads. Willingness to work alone or apart in physical isolation from others for prolonged periods.

MINIMUM EDUCATION, TRAINING AND EXPERIENCE. Graduation from high school or GED equivalent and five years experience servicing construction, farm or industrial equipment which would provide a suitable background for the head mechanic/assistant mechanic in the Secondary Roads Department. Graduation from trade school or junior college certificate in the mechanic field is highly desirable. Possession of a valid state commercial driver's license. Verification by Maintenance Superintendent that the employee or applicant has the necessary skill and aptitude to operate equipment.