

BANNOCK COUNTY
CLASS SPECIFICATION

MECHANIC 3

Department: Road & Bridge
FLSA Designation: Non-Exempt

Pay Grade: 10
Effective Date: 2/08, 8/09

Purpose of Class

Performs Master level mechanical maintenance and repair of County fleet vehicles, light, and heavy equipment; performs specialized repair and maintenance of diesel vehicles and equipment; performs related work as required.

Primary Function

The primary function of an employee in this class is to maintain and repair County fleet vehicles and light and heavy equipment. This position is differentiated from the Mechanic 2 by its emphasis on performing specialized repair and maintenance on diesel vehicles and heavy equipment. The work is performed under the direct supervision of the Shop Supervisor. Additionally, since the Mechanic 3 is more experienced, the position may serve as a lead worker in the shop. The principal duties of this class are performed in an automotive shop and field environment that may involve exposure to adverse weather conditions, power tools and equipment, and related hazards.

Essential Duties and Responsibilities (will vary by assignment)

- Performs high level and specialized maintenance, troubleshooting, safety inspections, and repair work on diesel vehicles and light and heavy equipment;
- Performs high level maintenance, troubleshooting, safety inspections, and repair work on all fleet vehicles, light and heavy equipment, industrial equipment, both gas and diesel, and other related equipment;
- Fabricates, makes alterations, and welds various projects;
- Troubleshoots and performs inspections and repairs on hydraulic systems, drive trains, transmissions, suspensions, steering systems, heating and air conditioning systems, ventilation systems, electrical systems, brake systems, and emissions and related systems;
- Services gas and diesel vehicles and equipment with fluids and lubricants, performing tune-ups, clutch and brake adjustments, mounting and balancing tires, and servicing front end steering and suspension systems;
- Performs troubleshooting and repair work on sophisticated and technical emergency equipment associated with public safety;
- Performs troubleshooting and repair work on electronic control systems for engines and heavy equipment;
- Performs troubleshooting and repair work on shop and repair equipment;

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- Performs vehicle body repairs, painting, and touchup work;
- Plans and organizes preventive maintenance schedules; maintains records on vehicles;
- Evaluates required repair work for completion in-house or by outside vendor;
- Provides emergency field service to disabled vehicles;
- Acts as a lead position. Provides heavy equipment maintenance training for Mechanic 1 & 2.
- May be required to assume shop supervisory duties in absence of Shop Supervisor
- Maintains shop and work area in a neat, clean, and orderly manner;
- Performs all work duties and activities in accordance with County policies, procedures, and safety practices and in accordance with automotive and diesel industry standards, policies, procedures, and safety practices.

Other Duties and Responsibilities

- May be assigned to perform duties with other Department crews;
- Performs other related duties as required.

Competency Requirements

Knowledge of:

- Methods, materials, tools, and standard practices of the diesel mechanic's trade, with particular reference to diesel vehicles and light and heavy equipment;
- Methods, materials, tools, and standard practices of the automotive mechanic's trade, with reference to fleet vehicles and light and heavy equipment maintenance;
- Installation, diagnosis, servicing, and repair of gasoline and diesel engines, brake systems, steering and suspension systems, hydraulic systems, power and transmission systems, vehicle electrical systems, computerized engine controls, and related components and systems;
- Operating and maintenance requirements of heavy duty and maintenance equipment;
- Fabrication of components in building police cars and other County equipment;
- Federal (OSHA) and County heavy equipment and automotive repair and maintenance safety principles and practices including the use of air-powered equipment, lifts, and hoists;
- Personal computers and software used for maintenance, diagnostic, and repair functions;
- Recordkeeping procedures.

Ability to:

- Operate mechanical tools and equipment for equipment, diesel, and automotive repair;
- Repair light and heavy equipment and automotive engines (gasoline and diesel), electrical systems, drive train and suspension systems, hoses and belts, and specialty parts;
- Inspect equipment and vehicles for common maintenance problems and concerns and monitor fluid levels;
- Operate air-powered and electrical equipment and tire break-down equipment;
- Operate mobile and overhead shop crane equipment;
- Perform engine tune-ups including computerized control systems;
- Read and comprehend equipment and automotive maintenance and repair manuals;
- Operate a personal computer and job-related software;
- Follow written and oral instructions;

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- Maintain vehicle and equipment inspection, maintenance, and repair records, reports, and activity logs;
- Perform a wide variety of duties and responsibilities with accuracy and speed under the pressure of time-sensitive deadlines;
- Demonstrate integrity, ingenuity, and inventiveness in the performance of assigned tasks;
- Operate diagnostic and related electronic equipment using program applications appropriate to assigned duties;
- Operate a motor vehicle, including shop and fuel trucks;
- Operate heavy equipment;
- Communicate effectively both orally and in writing with the public, supervisors, and other County employees.

Acceptable Experience and Training

- High school diploma or GED equivalency is required and advanced technical training in diesel mechanics is required;
- Six (6) years of diesel vehicle and equipment repair experience is required; or
- Any equivalent combination of experience and training which provides the knowledge and abilities necessary to perform the work.

Special Qualifications And Requirements

- Idaho drivers license with Class A CDL. Hazardous materials endorsement is required;
- Full Master Mechanic tool set including locking toolbox is required. Tools should be sufficient to perform all the required job functions.
- R12 and 134A certification is required;
- Forklift operator certification is required.
- Welding certification may be required.

Essential Physical Abilities

- Sufficient clarity of speech and hearing, with or without reasonable accommodation, which permits the employee to discern verbal instructions, communicate effectively in person, and diagnose problems and relay maintenance needs to customers;
- Sufficient visual acuity, with or without reasonable accommodation, which permits the employee to comprehend written work instructions and work orders, inspect equipment and automotive parts, fluid levels, equipment operation, and make necessary repairs;
- Sufficient manual dexterity, with or without reasonable accommodation, which permits the employee to operate a variety of automotive shop tools including hand and power tools, electronic diagnostic and related specialized equipment, and make adjustments to equipment;
- Sufficient personal mobility, flexibility, agility, strength, and physical reflexes, with or without reasonable accommodation, which permits the employee to lift/move up to 100 pounds, work under vehicles, in confined spaces, remove and replace parts for repair and replacement, and work in an automotive shop environment.