

CAMAS COUNTY ROAD & BRIDGE

Class: Mechanic/Operator

FLSA Designation: Non-Exempt

Purpose of Class/Primary Function

The principal function of an employee in this class is to perform skilled mechanical and technical duties in the maintenance and repair of automotive, light and heavy equipment (including diesel equipment), generators, etc. for Camas County Road & Bridge. The work is performed, under supervision of the County Road & Bridge Supervisor, but some leeway is granted for the exercise of independent judgment and initiative. The principal duties of this class are performed in a repair shop environment with exposure to all weather conditions and include use of electrically powered maintenance tools and heavy equipment and exposure to fuels, fumes, brake dust, gas and diesel exhaust, solvents and high voltage.

Essential Duties and Responsibilities (will vary by assignment)

- > Inspects and performs preventive and corrective maintenance, including, but is not limited to major and minor repairs of the Road & Bridge's automotive, light, and heavy-duty equipment, both gas and diesel;
- > Performs maintenance, major repairs and safety inspection functions including but not limited to, inspecting and replacing such component parts as starters, alternators, generators, batteries, hydraulic cylinders, carburetors, brake systems, and related components;
- > Uses specialized devices such as electronic analyzers, scopes, pressure gauges, micrometers and calipers;
- > Trains and advises others in the overall repair and maintenance of vehicles and equipment;
- > Services vehicles and equipment with fluids and lubricants, performing tune-ups, clutch and brake adjustments, mounting and rotating tires, and servicing front end steering, alignment and suspension systems;
- > Diagnoses, repairs and overhauls a variety of systems including but not limited to, mechanical, electrical, heating and cooling, emissions, hydraulic, air brake, diesel fuel injection systems, also power train, chassis, and related mechanical systems;
- > Diagnoses and repairs electronic engine brakes, and transmission controls;

- > Repairs and services small engines, mowers, generators, and related motorized equipment;
- > Fabricates equipment and parts; installs and retrofits custom devices;
- > Performs routine maintenance and major and minor repairs and maintenance on vehicle interiors
- > Assists in estimating costs and labor on work orders;
- > Records hours, parts, and activities in a maintenance system;
- > Performs welding repairs and fabricates parts and equipment, including light repairs up to construction frames;
- > Maintains repair, inspection, and maintenance records, logs, and documentation;
- > Prepares parts and equipment purchase requests and maintains inventory of parts and supplies;
- > Executes applicable safety procedures at all times;
- > Maintains, cleans, and repairs shop tools, equipment, and work areas;
- > Performs snow plowing, ice removal, and related road maintenance duties as assigned;
- > Performs all work duties and activities in accordance with County policies, procedures, and safety practices.

Other Duties and Responsibilities

- > Operates a variety of light and heavy-duty equipment as assigned;
- > Responds to emergency service calls;
- > On call after regular work hours to respond to emergency situations;
- > Performs facility maintenance;
- > Performs other related duties as required.

Competency Requirements

Knowledge of:

- > Materials, methods, principles and practices, tools, and

objectives of vehicle and equipment maintenance and repair;

- > Installation, diagnosis, servicing, and repair of gasoline and diesel engines, brake systems, steering and suspension systems, hydraulic systems, heating and cooling systems, vehicle electrical systems, and related components and systems;

- > Welding applications including but not limited to, wire feed, stick and use of cutting torches;

- > OSHA and County safety standards related to diesel, gasoline, automotive, and equipment repair.

Ability to:

- > Follow written and oral instructions;

- > Read and interpret technical and service manuals, instructions, and documents;

- > Operate a welder and cutting torch;

- > Work from plans, including determining dimensions, tolerances, and project layout;

- > Operate vehicle and equipment diagnostic equipment;

- > Operate a variety of hand, electric and air tools;

- > Operate a variety of light and heavy duty equipment including but not limited to, plow trucks, graders, loaders, forklift, service truck and backhoes;

- > Plan projects and accurately estimate materials;

- > Work flexible hours and be available in emergency situations;

- > Operate a personal computer using program applications appropriate to assigned duties;

- > Communicate effectively with the public and other employees, occasionally in stressful conditions;

- > Establish and maintain effective working relationships with fellow employees, supervisors, County administrators, and the public;

- > Communicate effectively both orally and in writing;

- > Demonstrate integrity, ingenuity, and inventiveness in the performance of assigned tasks.

Acceptable Experience and Training

- > High school diploma or GED equivalency;
- > Specialized training in automotive/light and heavy equipment maintenance and repair;
- > At least two (2) years experience performing major and minor repairs on a variety of gas and diesel powered vehicles and equipment; or
- > Any equivalent combination of experience and training which provides the knowledge and abilities necessary to perform the duties and responsibilities of the classification.

Special Qualifications

- > Idaho Class A drivers license with a CDL endorsement is required;
- > Diesel Mechanic certification is preferred;
- > Applicant must be willing to authorize and pass a pre-employment criminal background check;
- > Applicant must be willing to authorize and pass a pre-employment DOT Drug test;

Essential Physical Abilities

- > Sufficient clarity of speech and hearing, with or without reasonable accommodation, which permits the employee to discern verbal instructions, discern engine and other mechanical noises, and communicate effectively with the public and other employees;
- > Sufficient visual acuity, with or without reasonable accommodation, which permits the employee to comprehend written work instructions, read gauges, detect metal fractures, prepare worksheets, timesheets, review and interpret a variety of written documents, plans, specifications, and technical manuals;
- > Sufficient manual dexterity, with or without reasonable accommodation, which permits the employee to operate computer equipment, a variety of hand, electric and air tools and equipment, operate a motor vehicle, and operate light and heavy duty equipment;
- > Sufficient personal mobility, strength, flexibility, and physical reflexes, with or without reasonable accommodation, which permits the employee to stand for long periods of time; bend, sit, squat, stretch and work in awkward positions for extended

periods of time, and work in a garage/repair shop environment.

> Jobs in this class require, with or without reasonable accommodation, lifting or moving objects up to fifty (50) pounds regularly and up to one hundred (100) pounds occasionally. The employee is regularly required to stand, walk, sit, bend, stoop, kneel, crouch, stretch, and work in awkward positions for an extended period of time. The employee is frequently required to use hands to operate manual and powered tools and equipment; to handle or feel; to reach with hands and arms; and to climb or balance. The employee must perform work in all weather conditions and occasionally work in extreme weather conditions during an emergency situation. Work is sometimes performed in a roadway or other dangerous locale.

Mechanic

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