

Job Title: Heavy Equipment Technician (On & Off Road)

Requisition ID: 3540

Affiliation: CUPE Municipal

Position Type: Permanent Full Time

Number of Openings: 1

Bi-weekly Working Hours: 84 hours bi-weekly

Shift/Work Schedule: 5 days on, 4 days off / 4 days on, 5 days off; 12-hour shifts

Division/ Department: Public Works, Fleet Services

Job Location: Fort McMurray

Pay Level: PL13

Market Rate*: \$ 66.09

COLA: Bi-Weekly - \$480

Posted (dd/mm/yyyy): 10/05/2025

Closing Date (dd/mm/yyyy): 25/05/2025

Posting Type: Internal and External

* This position's pay rate has been adjusted to reflect current market conditions. The non-market, evaluated permanent rate of pay for this position is 62.65.

GENERAL DESCRIPTION:

Under general supervision, the Heavy Equipment Technician (On and Off Road) performs skilled journey person work on a variety of municipal vehicles/equipment, including but not limited to gravel trucks, refuse collection vehicles, street sweepers, loaders, graders, dozers, and excavators. Work involves preventative and corrective maintenance, inspections, modifications, installation/dismantling of systems, troubleshooting, diagnosing, and repairing municipal equipment/vehicles.

The incumbent will be responsible for inspecting the work of contractors, demonstrating sound judgement, and working toward reducing errors to prevent unsafe and deteriorated equipment, health and safety risks to the public, and liabilities to the Municipality. The incumbent will exercise a considerable degree of independent judgement, although the work is subject to inspection.

RESPONSIBILITIES:

- Organize and perform a variety of work involving corrective and preventative maintenance, repairs, alteration, and installation of systems and equipment.
- Complete testing of repaired municipal equipment to ensure proper performance and that the work completed meets required regulations.
- Perform commercial vehicle inspections to ensure compliance with Alberta's Commercial Vehicle Safety Regulation.
- Make requisitions for materials and supplies, as required.
- Provide input into technical data, specifications, and cost estimates.
- Perform design modifications relating to trade systems.
- Comply with various quality, safety and trade regulations and standards.
- Participate actively as a team member and support various health and safety, energy conservation, and operational cost effectiveness efforts and initiatives.
- Utilize operational and maintenance manuals, parts manuals, and electrical/hydraulic schematics to complete repairs.
- Conduct pre-delivery inspections of new equipment.
- Assist in developing short-term goals and objectives, project estimates, and preventative maintenance schedules.
- Oversee and assess the work of apprentices engaged in the trade and/or assistants performing labour tasks.
- Complete field level hazard assessments (FLHAs) and incident reports as necessary.
- Maintain all facility logbooks as required.
- Complete training and participate in the RMWB training program as required by operations.

- Provide exceptional customer service to both external and internal clients.
- Perform other related duties as required.

QUALIFICATIONS

KNOWLEDGE, SKILLS, AND ABILITIES:

- Considerable knowledge of current and relevant standard methods, practices, materials, tools, and equipment of the heavy equipment technician trade.
- Skilled in the use of repair tools and equipment for servicing and repairing municipal vehicles/equipment.
- Ability to locate, diagnose, and repair malfunctions in diesel engines, tier 3 and 4 emission systems, hydraulic and pneumatic systems, and heavy-duty power trains.
- Ability to skillfully operate computerized diagnostic tools for engines, transmissions, anti-lock brakes, hydraulic systems, body control modules, etc. and to follow proper testing procedures and/or troubleshooting to repair these systems efficiently.
- Ability to perform accurate measurements and to complete complex calculations.
- Considerable knowledge of the occupational hazards and safety precautions of the trade and the appropriate use of personal protective equipment.
- Ability to understand and execute verbal and written instructions, read and interpret electrical/hydraulic schematics and technical specifications.
- Ability to deal courteously and respectfully with a diverse range of people, using judgement, tact, and sound decision-making skills, sometimes in conflict situations.
- Must be able to determine priority in the case of an emergency.
- Basic computer skills, including the ability to utilize Microsoft Office applications (Word, Excel, Outlook), Fleet Maintenance Management Work Order Systems, and proficiency in diagnostic software such as Snap-On Pro Diagnostic tools, Mitchell1 ProDemand, Cummins Insite, Allison DOC, Detroit Diesel, CAT SIS/ET, John Deere Service Advisor, etc.
- Ability to establish and maintain cooperative, collaborative, and productive work relationships.
- Knowledge and ability to work with technological changes in the trade.
- Ability to provide close attention when working with small parts of complex equipment and to use good eyesight and hearing for diagnosing problems and inspecting work.
- Ability to exert moderate/high physical effort for lifting heavy parts, tires, brake drums, etc.
- Ability to work in fatiguing or awkward positions, including considerable bending, standing and laying during the workday.

EDUCATION AND EXPERIENCE:

- Certified journeyman in the trade of Heavy Equipment Technician On/Off Road is required.
- Valid Alberta Commercial Vehicle Inspection (CVIP) license and the continued re-certification as required to maintain the license is required.
- A minimum of three (3) years of relevant experience as a journeyman Heavy Equipment Technician On/Off Road is required, that includes proven experience with electrical systems and modules, electronic controls, air brakes and braking systems, engines and transmissions, and vehicle diagnostic computer programs.
- Experience in municipal operations is an asset.

OTHER REQUIREMENTS:

- Submission of a Criminal Record Check.
- Pre-employment testing may be required as part of the interview process.
- A valid Class Five (5) Operator's License is required as incumbent will be required to operate a personal or municipal vehicle for business use on a regular basis.
- Q-Endorsement (Air Brakes) is required.
- A valid Class Three (3) Operator's License is an asset.
- Must be willing to work outside in all conditions.
- Must be medically and physically able to perform all job duties of the position on an ongoing basis and in all weather conditions.
- Ability to work a rotating shift that includes holidays, evening/night shift, and weekends.
- May be required to travel and stay for several days in remote locations to undertake maintenance activities.

- May be exposed to hazardous or unsanitary conditions, therefore immunizations are recommended.

SAFETY:

As an employee of the Regional Municipality of Wood Buffalo, the incumbent is responsible for understanding and actively participating in the RMWB's health and safety management system, and complying with all policies, practices, and procedures. All employees must take reasonable care to protect the health and safety of themselves and others, as well as immediately report any concerns, near misses, incidents, and hazardous conditions to their supervisor.

**To apply: Please visit our website at jobs.rmwb.ca
Current employees must apply through the internal careers site.
We appreciate the interest of all applicants; however, only those individuals
selected for interviews will be contacted. Late applications will not be accepted.**