

Red River Floodway Expansion Project Job Referral Service

Heavy Duty Equipment Mechanics (7312)

This form is to be used for the following positions:
Heavy Duty and Diesel Mechanic – Journeyman and Apprentice

Name: _____

SIN: _____

** must select at least one response*

*** Education**

- Less than high school
- Some high school
- Completion of high school
- Some college/CEGEP/vocational or technical training
- Completion of college/CEGEP/vocational or technical training
- Some university
- Completion of university

*** Credentials (certificates, licences, memberships, courses, etc.)**

- None
- 1st Period Apprentice
- 2nd Period Apprentice
- 3rd Period Apprentice
- 4th Period Apprentice
- Recognition in Occupation
 - Farm Equipment Mechanic Trade Certificate
Experience _____
 - Farm Equipment Mechanic Red Seal Certificate
Experience _____
 - Heavy-duty Equipment Mechanic Trade Certificate
Experience _____
 - Heavy-duty Equipment Mechanic Red Seal Certificate
Experience _____
 - Work Experience in trade
– No credentials Experience _____

*** Experience**

- No experience
- Less than one year
- 1 - 2 years
- 2 - 5 years
- 5 - 10 years
- 10+ years

Languages

- Speak English
- Read English
- Write English

Type of Equipment Repair

- Heavy trucks
- Buses
- Fire fighting vehicles
- Heavy construction equipment
- Marine propulsion or auxiliary engines
- Railway locomotives
- Stationary engines
- Tractors

Diesel Engine Repair Specialization

- Fuel injection systems
- Exhaust systems
- Cooling systems
- Air conditioning systems
- Engine control systems
- Major internal engine repairs or overhaul
- Installation and alignment of engines and machinery

Mechanical Repair Specialization

- Mechanical transmission
- Drive trains and final drives
- Hydraulic transmissions
- Power take-offs
- Tracked vehicle suspensions and steering
- Vehicle brake systems
- Wheel-mounted vehicle suspension and steering
- Highway vehicle tires and wheels
- Off-road vehicle tires and wheels

Powered Equipment Repair Specialization

- Cable-operated working attachments
- Hydraulic-operated working attachments
- Winches
- Compressors
- Pumps
- Electric generators

(See next page)

Specific Skills

- Inspect equipment to detect faults and malfunctions
- Determine extent of repair required
- Adjust equipment and repair or replace defective parts
- Test repaired equipment for proper performance
- Clean, lubricate and perform other maintenance work

Additional Skills

- Instruct apprentices