



Heavy Equipment Technician – Transport Trailer Mechanic

About this job

Heavy equipment technicians (HET) provide a critical service, helping ensure the safety of heavy vehicles and industrial equipment, and preventing risky, inconvenient, or costly breakdowns. Along with the physical service and repair work, they also interpret technical manuals and complete service reports.



HET - TRANSPORT TRAILER FALLS UNDER NATIONAL OCCUPATION CLASSIFICATION (NOC) CODE #7312/72401

- Two-year program
- Aurora College
- High Demand Trade
- Mechanical Industry

\$72,800

Estimated Average Journeyperson Salary

APPRENTICESHIP, TRADES, AND OCCUPATIONAL CERTIFICATION

Aussi disponible en français

What can I expect to do for work if I become a HET - Transport Trailer?

HETs - Transport Trailer mechanics maintain, repair and overhaul commercial transport devices connected to or moved by a power unit.

Maintenance and repair of transport devices may include flat decks, dry freight vans, refrigerated vans, tankers, converters, boosters, pole trailers, jeeps, steering dollies, dump trailers and any other commercial pull type devices. In general, heavy equipment technicians:

- interpret work orders and technical manuals,
- keep equipment cleaned, lubricated and maintained,
- diagnose faults or malfunctions,
- adjust equipment and repair or replace defective parts, components or systems,
- test repaired equipment for proper performance and ensure that the work done meets manufacturers' specifications and legislated regulations, and
- complete service reports.

What kind of working conditions can I expect?

The working environment for heavy equipment technician-transport trailer mechanics varies considerably from one job to another. Some transport trailer mechanics work in modern laboratories overhauling fuel injection pumps and delivery systems. Others work at construction or industrial sites, sometimes outdoors in all types of weather conditions. Travel requirements and hours of work may also vary. There is some risk of injury involved in working with heavy equipment and power tools. Proper safety standards are maintained at all times.

Eligibility Requirements

Entrance Exam – Pass Exam 5 with a score of 70% or higher

or

Completion of the following high school courses

- English 20-2 (pass) or Literacy 30 (pass)
- Math 10C (pass)
- Science 10 (pass)

or

All five Canadian General Educational Development (GED) tests

SCHOOLS NORTH APPRENTICESHIP PROGRAM (SNAP) - SNAP apprentices are not required to satisfy the entrance requirements prior to signing an apprenticeship contract. However, the SNAP apprentice must satisfy the entrance requirements or write the TEE before attending technical training.

What are some skills that are valued in this profession?

- good vision, hearing and sense of smell to diagnose problems,
- the strength and stamina required to perform detailed work with heavy equipment and in cramped or awkward positions,
- the ability to work and problem solve alone or as part of a team,
- mechanical ability,
- the ability to think logically and keep current with changes in technology, and
- a valid driver's license to operate equipment for testing purposes.

What is the minimum requirement to become an apprentice in this trade?

Apprentices must obtain a minimum of 70% on the Trades Entrance Exam – TEE Category #2 or the equivalent education as outlined below. This must be done before signing the Apprenticeship contract and attending technical training.

How long will it take to complete a HET - Transport Trailer apprenticeship?

An apprenticeship takes about two years to complete and includes two on the job periods and one technical training period. You need to complete 1800 hours per period, for a total of 3600 hours.

How long is technical training?

Apprentices will attend 240 technical training hours. Apprentices usually go to school for this program at Aurora College in Fort Smith, NT.

Period	Technical Training ¹	Prerequisites for technical training	Hours ²
1st	8 Weeks 240 hours	Entrance Exam and 900 hours	1800
2nd	0 Weeks 0 hours	Completed 1 st Period	3600

¹Length of In-School Training

²Minimum Time Required to Complete (Includes Technical Training)

For more information:

www.gov.nt.ca/Apprenticeship