TRANSPORT TRAILER TECHNICIAN

Occupation Description
Transport Trailer Technician means a person who maintains, rebuilds, overhauls, reconditions, and does diagnostic trouble shooting and repair of commercial trailers.

For detailed information on the scope of knowledge and skills taught and assessed in this program refer to the Program Outline, available on the ITA website.

Pathways to Certification
In BC, an individual can become certified as a Transport Trailer Technician by completing the Transport Trailer Technician program or by challenging the certification. Apprenticeship programs are for individuals who have an employer to sponsor them and challenge programs are for individuals who have extensive experience working in the occupation and wish to challenge the certification.

Youth can begin an apprenticeship in high school through the Youth Train in Trades or Youth Work in Trades programs. The Youth Work in Trades program is available for any trade if an employer is willing to sponsor the student. Trades offered through the Youth Train in Trades vary by region; contact your local school district to find out which technical training programs are being offered through the Youth Train in Trades program in your region.

Foundation programs, where available, provide adults and youth who do not have work experience or employer sponsorship with an opportunity to gain the knowledge and skills needed to enter the occupation. Individuals who wish to enroll in a Foundation program must register directly with the training provider.

Recommended Education
The following education is recommended for apprentices entering this occupation. These are not prerequisites, but rather a desired level of skill or knowledge that will contribute to success in the industry.

- Grade 10 or equivalent including English 10, Mathematics 10 and Science 10
- Preferred: Grade 12

ITA Registration
Individuals who wish to begin an apprenticeship in this program must register with ITA along with their sponsor. Application forms for all programs are available from the ITA website. Online registration is also available for most programs through the ITA website.

Those who wish to challenge the Transport Trailer Technician certification must complete the Transport Trailer Technician Challenge Application and submit it to ITA. Challenge applications are assessed for proof of workplace hours and scope of experience prior to acceptance of the individual into the Challenge pathway.
Apprenticeship Pathway

This graphic provides an overview of the Transport Trailer Technician apprenticeship pathway.

C of Q = Certificate of Qualification
C of A = Certificate of Apprenticeship
C of C = Certificate of Completion
WBT = Work-Based Training
IP = Interprovincial
TTT = Transport Trailer Technician
TTM = Truck and Transport Mechanic
HDET = Heavy Duty Equipment Technician
DEM = Diesel Engine Mechanic

Technical Training:
- TTT Level 2: 120 hours Technical Training, 3,000 hours Work-Based Training, IP Red Seal Exam
- TTT Level 1: 300 hours Technical Training, 1,500 hours Work-Based Training, ITA Standardized Written Exam
- TTM Level 4: 120 hours Technical Training, 6,360 hours Work-Based Training, IP Red Seal Exam
- TTM Level 3: 180 hours Technical Training, Accumulate hours Work-Based Training, ITA Standardized Written Exam
- TTM Level 2: 240 hours Technical Training, Accumulate hours Work-Based Training, ITA Standardized Written Exam
- TTM Level 1: 300 hours Technical Training, 1,500 hours Work-Based Training, ITA Standardized Written Exam
- HDET Level 4: 120 hours Technical Training, 6,360 hours Work-Based Training, IP Red Seal Exam
- HDET Level 3: 180 hours Technical Training, Accumulate hours Work-Based Training, ITA Standardized Written Exam
- HDET Level 2: 240 hours Technical Training, Accumulate hours Work-Based Training, ITA Standardized Written Exam
- HDET Level 1: 300 hours Technical Training, 1,500 hours Work-Based Training, ITA Standardized Written Exam
- DEM Level 4: 120 hours Technical Training, 6,360 hours Work-Based Training, IP Red Seal Exam
- DEM Level 3: 180 hours Technical Training, Accumulate hours Work-Based Training, ITA Standardized Written Exam
- DEM Level 2: 240 hours Technical Training, 3,000 hours Work-Based Training, ITA Standardized Written Exam
- DEM Level 1: 300 hours Technical Training, 1,500 hours Work-Based Training, ITA Standardized Written Exam

Technical Training:
- Levels 1 & 2: 1,500 hours Work-Based Training, ITA Standardized Written Exam
- Heavy Duty Equipment Technician Level 1: 300 hours Technical Training, 1,500 hours Work-Based Training, ITA Standardized Written Exam
- Truck and Transport Mechanic Level 1: 300 hours Technical Training, 1,500 hours Work-Based Training, ITA Standardized Written Exam
- Diesel Engine Mechanic Level 1: 300 hours Technical Training, 750 hours Work-Based Training, ITA Standardized Written Exam

RECOMMENDATION FOR CERTIFICATION

CREDIT

= same technical training for multiple trades

CROSS-PROGRAM CREDITS

Individuals who hold the credentials listed below are entitled to receive partial credit toward the completion requirements of this program

C of Q Truck and Transport Mechanic
C of Q Heavy Duty Equipment Technician
C of Q Diesel Engine Mechanic
Technical Training:
- Level 1: 1,500 hours Work-Based Training, ITA Standardized Written Exam
- Level 1: 1,500 hours Work-Based Training, ITA Standardized Written Exam
- Level 1: 1,500 hours Work-Based Training, ITA Standardized Written Exam
### Apprenticeship Program Standards

#### Credentials Awarded
- Transport Trailer Technician – Certificate of Qualification with Interprovincial Red Seal endorsement
- Transport Trailer Technician – Certificate of Apprenticeship

#### ITA Registration Prerequisites
- Agreement signed by the employer to sponsor the apprentice

#### Completion Requirements
Certification as a Transport Trailer Technician is awarded upon successful completion of:

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Level of Achievement Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>Technical Training</td>
<td>Minimum 70% in each level of technical training:</td>
</tr>
<tr>
<td></td>
<td>- Level 1: 300 hours and ITA Standardized Written Exam</td>
</tr>
<tr>
<td></td>
<td>- Level 2: 120 hours</td>
</tr>
<tr>
<td>Interprovincial Red Seal Exam</td>
<td>Minimum 70%</td>
</tr>
<tr>
<td>Work-Based Training</td>
<td>3,000 hours</td>
</tr>
<tr>
<td>Recommendation for Certification</td>
<td>Recommendation for certification signed by the Sponsor and an individual holding credentials eligible for sign-off authority</td>
</tr>
</tbody>
</table>

#### Program Duration
Duration varies depending on how training is delivered, but the program generally takes 2 years to complete.

The technical training requirement is typically met through block-release training (full-time, at school) delivered by an ITA-approved training provider. It can also be met through approved alternative training models (e.g., distance education, online, part-time) and/or level challenge where these options are available.

#### Sign-off Authority
Credentials eligible to sign-off on the Recommendation for Certification:
- Transport Trailer Technician – Certificate of Qualification
- Transport Trailer Technician – Interprovincial Red Seal endorsement
- Truck and Transport Mechanic – Certificate of Qualification
- Truck and Transport Mechanic – Interprovincial Red Seal endorsement
- ITA-issued letter authorizing supervision and sign-off of apprentices as a Transport Trailer Technician or a Truck and Transport Mechanic

#### Challenging a Level
The following levels of technical training can be challenged for advanced placement in this program:

<table>
<thead>
<tr>
<th>Level</th>
<th>Prerequisites</th>
</tr>
</thead>
<tbody>
<tr>
<td>Level 1</td>
<td>N/A</td>
</tr>
</tbody>
</table>
### Apprenticeship Program Standards

**Cross-Program Credits**

Individuals who hold the credentials listed below are entitled to receive partial credit toward the completion requirements of this program.

<table>
<thead>
<tr>
<th>Credential</th>
<th>Credit(s) Granted</th>
</tr>
</thead>
</table>
| Heavy Duty Equipment Technician – Certificate of Qualification | - Technical Training: Level 1  
- Work-Based Training: 1,500 hours |
| Truck and Transport Mechanic – Certificate of Qualification | - Technical Training: Levels 1 & 2  
- Work-Based Training: 1,500 hours |
| Diesel Engine Mechanic – Certificate of Qualification | - Technical Training: Level 1  
- Work-Based Training: 750 hours |
Challenge Pathway

This graphic provides an overview of the Transport Trailer Technician challenge pathway.

**Completion Requirements**
- Interprovincial Red Seal Exam

**Prerequisites**
- Approved challenge application, including:
  - Trade-Related Work Experience: 4,500 hours

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**CREDIT FOR PRIOR LEARNING**

Individuals who hold the credentials listed below are entitled to receive partial credit toward the completion requirements of this program:

- **C of Q Truck and Transport Mechanic**
  - Work Experience: 1,500 hours

- **C of Q Heavy Duty Equipment Technician**
  - Work Experience: 1,500 hours

- **C of Q Diesel Engine Mechanic**
  - Work Experience: 750 hours
Challenge Program Standards

<table>
<thead>
<tr>
<th>Credentials Awarded</th>
<th>Transport Trailer Technician – Certificate of Qualification with Interprovincial Red Seal endorsement</th>
</tr>
</thead>
</table>

ITA Registration Prerequisites
An approved Challenge Application, which includes:
- 4,500 documented hours of directly related experience working in the occupation

Credit for Prior Learning
Individuals who hold the credentials listed below are considered to have met, or partially met, the prerequisites for challenging this program:

<table>
<thead>
<tr>
<th>Credential</th>
<th>Credit(s) Granted</th>
</tr>
</thead>
<tbody>
<tr>
<td>Diesel Engine Mechanic – Certificate of Qualification</td>
<td>Work Experience: 750 hours</td>
</tr>
<tr>
<td>Heavy Duty Equipment Technician – Certificate of Qualification</td>
<td>Work Experience: 1,500 hours</td>
</tr>
<tr>
<td>Truck and Transport Mechanic – Certificate of Qualification</td>
<td>Work Experience: 1,500 hours</td>
</tr>
</tbody>
</table>

Completion Requirements
Certification as a Transport Trailer Technician is awarded upon successful completion of:

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Level of Achievement Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>Interprovincial Red Seal Exam</td>
<td>Minimum 70%</td>
</tr>
</tbody>
</table>

Foundation Program
Refer to the Apprenticeship pathway diagram for this program to see how the Heavy Mechanical Foundation program leads to apprenticeship in this trade.

Foundation Program Standards

<table>
<thead>
<tr>
<th>Credentials Awarded</th>
<th>Heavy Mechanical – Certificate of Completion</th>
</tr>
</thead>
</table>

Enrollment Prerequisites
Contact training provider. Prerequisites vary between training institutions

Completion Requirements
A Certificate of Completion in this program is awarded upon successful completion of:

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Level of Achievement Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>Technical Training</td>
<td>Minimum 70%</td>
</tr>
</tbody>
</table>

Program Duration
Duration varies depending on how training is delivered, but program generally takes 36 weeks to complete, assuming 30 hours in school per week

Credit toward Apprenticeship
Individuals who complete the Heavy Mechanical Foundation program will receive the following credit toward completion of the Transport Trailer Technician apprenticeship program:
- Technical Training: Level 1
- Work-Based Training: 450 hours
Supporting Documents

Transport Trailer Technician Program Outline (2013) – Defines the full scope of knowledge and skills required to competently perform the occupation in BC. Available from the ITA website.


Contacts

The Industry Training Authority (ITA) manages B.C.’s industry training and apprenticeship programs. Contact ITA Customer service if you have any questions regarding registration, examinations or certification for this program.

Telephone: 778-328-8700  Fax: 778-328-8701
Toll Free (within BC): 1-866-660-6011  Email: customerservice@itabc.ca
Website: www.itabc.ca

Revision History

The standards for this program were reviewed and/or updated on the dates below.

Program Standards Approved: March 2002
Updated: January 2006
Updated: November 2012
Updated: August 2013
Updated: December 2015
Updated: August 2017

Program Profiles are updated regularly. Visit www.itabc.ca for the most current version.