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**FORKLIFT MECHANIC****Credential Issued:**

ITA Certificate of Apprenticeship (Forklift Mechanic)

**Occupational Description:**

"Forklift Mechanic" means a person who tests, repairs, overhauls all mechanical, hydraulic and electronic components of a forklift.

**Program Duration & Structure:**

The program will be delivered in a variety of formats combining in-school and work-based training, all designed to meet the competency standards and profile defined by the industry and approved by ITA and will generally take 4 years to complete.

The program includes:

- In-school: 12 weeks\* (approximately 6 weeks per level)
- Work-based: 6,480 hours

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

**Program Completion Requirements:**

Completion of 6,480 workplace hours:

- Sponsor attestation

Completion of technical training: (Requirement can be met through challenging a level exam where available.

- Level 1 – practical assessment and written level examination
- Level 2 – practical assessment and written level examination

**Program Challenge Requirements:**

n/a

**Program Pre-requisites:**

- Recommended Education: Grade 10 or equivalent including English 10, Math 10, and Science 10. Preferred: Grade 12

**Assessment Methods:**

- In-school assessments (practical & written exams)
- Work-based assessments (practical)
- Level exams by challenge

**Linkages to Other Credentials:**

n/a

**Program Standards Documentation:**

- Program Outline (AST)

**Industry Program Standards Mechanism:**

Transportation Industry Training Organization (TITO)

**Program Providers:**

Institution-based component of the program will be delivered by public post-secondary institutions (see [www.educationplanner.bc.ca/apprenticeship.cfm](http://www.educationplanner.bc.ca/apprenticeship.cfm) for a list of schools), private training institutions, and secondary schools that have been approved by ITA.

**Technical Training Content:****Level 1**

Gasoline Engines  
Diesel Engines  
Cooling Systems  
Exhaust Systems  
Engine Lubrication Systems  
Auxiliary Electrical  
Air Conditioning & HRAI ODS Course  
Diesel Fuel Injection Systems  
Starting Motors & Circuits  
AC Charging Systems

**Level 2**

Standard and Electronic Ignition Systems  
Fuel Systems  
Emission Control Systems  
Electronic Engine Controls

**Note:**

Level 1 Forklift Mechanic = Level 2 Automotive Service Technician  
Level 2 Forklift Mechanic = Level 3 Automotive Service Technician

Approved: March 2002 (ITAC)  
Updated: January 2006 (ITA)