



Province of Alberta

## APPRENTICESHIP AND INDUSTRY TRAINING ACT

# TRANSPORT REFRIGERATION TECHNICIAN TRADE REGULATION

### **Alberta Regulation 307/2000**

With amendments up to and including Alberta Regulation 43/2017

### Office Consolidation

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(Consolidated up to 43/2017)

**ALBERTA REGULATION 307/2000**

**Apprenticeship and Industry Training Act**

**TRANSPORT REFRIGERATION TECHNICIAN  
TRADE REGULATION**

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**Definitions**

**1** In this Regulation,

- (a) “apprentice” means a person who is an apprentice in the trade;
- (a.1) “auxiliary power units” include mobile generator systems and other alternative power supplies, the main purpose of which is to support mobile refrigeration and heating equipment;
- (b) “certified journeyman” means a certified journeyman as defined in the *Apprenticeship Program Regulation*;
- (b.1) “mobile equipment” includes, without limitation, trucks, trailers and specialized shipping containers with heating and air conditioning systems;

- (b.2) “mobile refrigeration and heating equipment” means any type of primary or secondary refrigeration system used to supply optimal environmental conditions for transportation of goods by mobile equipment, including, without limitation, the following components:
- (i) piping;
  - (ii) compressor assemblies;
  - (iii) condenser assemblies;
  - (iv) evaporator assemblies;
  - (v) system controls and control valves;
  - (vi) air handling and distribution equipment;
  - (vii) humidifier assemblies;
  - (viii) air cleaner assemblies;
  - (ix) system accessories and ancillary components;
  - (x) equipment used to monitor and control refrigeration systems and detect malfunctions in refrigeration systems;
  - (xi) auxiliary heaters;
  - (xii) mechanical generating systems;
  - (xiii) electrical and hybrid power supply systems;
  - (xiv) diesel engines and related systems;
- (c) repealed AR 92/2011 s2;
- (d) “technical training” means technical training as defined in the *Apprenticeship Program Regulation*;
- (e) “trade” means the occupation of transport refrigeration technician that is designated as an optional certification trade pursuant to the *Apprenticeship and Industry Training Act*;
- (f) “uncertified journey person” means an uncertified journey person as defined in the *Apprenticeship Program Regulation*.

AR 307/2000 s1;270/2006;92/2011

## General Matters Respecting the Trade

### Constitution of the trade

**2** The undertakings that constitute the trade are the installation, maintenance, service, alteration and repair of

- (a) mobile refrigeration and heating equipment, and
- (b) auxiliary power units.

AR 307/2000 s2;92/2011

### Tasks, activities and functions

**3** When practising or otherwise carrying out work in the trade, the following tasks, activities and functions come within the trade:

- (a) using hand tools, power tools and specialized tools and equipment while working on mobile refrigeration and heating equipment;
- (b) using mechanical, electrical, electronic and other measuring and testing devices in relation to mobile refrigeration and heating equipment;
- (c) carrying out soldering, brazing and welding on or in relation to mobile refrigeration and heating equipment;
- (d) maintaining and making electrical repairs to existing mobile refrigeration and heating equipment and auxiliary power units from the breaker or disconnect switch as follows:
  - (i) repairing burnt, broken or damaged wires and connections;
  - (ii) making upgrades to controls of existing mobile refrigeration and heating equipment;
- (e) installing, maintaining and repairing natural gas and propane gas auxiliary heating units as well as hybrid control systems;
- (f) installing, maintaining and repairing engines and compressors;
- (g) installing, removing, recycling, storing and disposing of primary and secondary refrigerants;
- (h) transporting, handling and using refrigerants and other dangerous goods related to mobile refrigeration and heating systems.

AR 307/2000 s3;92/2011

## Apprenticeship

### Term of the apprenticeship program

**4(1)** Subject to credit for previous training or experience being granted pursuant to an order of the Board, the term of an apprenticeship program for the trade is 3 periods of not less than 12 months each.

**(2)** In the first period of the apprenticeship program an apprentice must acquire not less than 1560 hours of on the job training and successfully complete the technical training that is required or approved by the Board.

**(3)** In the 2nd period of the apprenticeship program an apprentice must acquire not less than 1560 hours of on the job training and successfully complete the technical training that is required or approved by the Board.

**(4)** In the 3rd period of the apprenticeship program an apprentice must acquire not less than 1560 hours of on the job training and successfully complete the technical training that is required or approved by the Board.

AR 307/2000 s4;92/2011;43/2017

### Employment of apprentices

**5(1)** Where a person employs an apprentice, that employment must be carried out in accordance with this section.

**(2)** Subject to subsection (3), a person who is a certified journeyman or an uncertified journeyman in the trade or employs a certified journeyman or an uncertified journeyman in the trade may employ 2 apprentices and 2 additional apprentices for each additional certified journeyman or uncertified journeyman in the trade that is employed by that person.

**(3)** Subsection (2) does not apply to an apprentice who is engaged in an apprenticeship program in the trade and has completed all the requirements required or approved by the Board for advancement into the 3rd period of that apprenticeship program.

AR 307/2000 s5;102/2006;270/2006;1/2011

### Wages

**6(1)** Subject to the *Apprenticeship Program Regulation*, a person shall not pay wages to an apprentice that are less than those provided for under subsection (2).

**(2)** Subject to the *Employment Standards Code*, a person employing an apprentice must pay wages to the apprentice that are at least equal to the following percentages of the wages paid to

employees who are certified journeypersons or uncertified journeypersons in the trade:

- (a) 60% in the first period of the apprenticeship program;
- (b) 75% in the 2nd period of the apprenticeship program;
- (c) 90% in the 3rd period of the apprenticeship program.

AR 307/2000 s6;270/2006

### **Transitional Provisions, Repeals and Coming into Force**

#### **Apprenticeship continues**

**7** A person who immediately prior to January 1, 2001 was an apprentice in an apprenticeship program under the *Transport Refrigeration Technician Trade Regulation* (AR 134/94) continues as an apprentice in that apprenticeship program under this Regulation.

#### **Repeal**

**8** The *Transport Refrigeration Technician Trade Regulation* (AR 134/94) is repealed.

**9** Repealed AR 116/2016 s8.

#### **Coming into force**

**10** This Regulation comes into force on January 1, 2001.



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