



Province of Alberta

## APPRENTICESHIP AND INDUSTRY TRAINING ACT

# **INDUSTRIAL MECHANIC (MILLWRIGHT) TRADE REGULATION**

### **Alberta Regulation 290/2000**

With amendments up to and including Alberta Regulation 91/2017

#### Office Consolidation

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(Consolidated up to 91/2017)

**ALBERTA REGULATION 290/2000**  
**Apprenticeship and Industry Training Act**  
**INDUSTRIAL MECHANIC (MILLWRIGHT)**  
**TRADE REGULATION**

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**Definitions**

1 In this Regulation,

- (a) “apprentice” means a person who is an apprentice in the trade;
- (b) “certified journeyman” means a certified journeyman as defined in the *Apprenticeship Program Regulation*;
- (c) “stationary rotating equipment” means any type of plant, industrial machinery or mechanical equipment and without limiting the generality of the foregoing includes
  - (i) stationary and industrial engines;
  - (ii) steam and gas turbines;
  - (iii) pumps;

- (iv) heat exchangers;
- (v) conveyor systems;
- (vi) gears and speed changers;
- (vii) mining equipment;
- (viii) logging equipment;
- (ix) compressors;
- (x) fluid power systems;
- (xi) air blowers and vacuum pumps and fans;
- (xii) gas and air dryers;
- (xiii) refrigeration;
- (xiv) power transmissions;
- (xv) couplings and clutches;
- (xvi) prime movers;
- (d) “technical training” means technical training as defined in the *Apprenticeship Program Regulation*;
- (e) “trade” means the occupation of industrial mechanic (millwright) that is designated as an optional certification trade pursuant to the *Apprenticeship and Industry Training Act*;
- (f) “uncertified journeyman” means an uncertified journeyman as defined in the *Apprenticeship Program Regulation*.

AR 290/2000 s1;270/2006;215/2009;91/2017

### **General Matters Respecting the Trade**

#### **Constitution of the trade**

**2** The following undertakings constitute the trade:

- (a) the installation, maintenance and repair of stationary rotating equipment;
- (b) the removal and replacement of stationary rotating equipment;

- (c) the diagnosing of problems relating to stationary rotating equipment.

AR 290/2000 s2;91/2017

**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) dismantling, assembling and repairing parts and components in stationary rotating equipment;
- (b) fitting, aligning and testing parts and components in stationary rotating equipment;
- (b.1) condition monitoring, vibration analysis and laser alignment of stationary rotating equipment;
- (c) fitting bearings, aligning gears and shafts, attaching motors and connecting couplings and belts in relation to stationary rotating equipment;
- (d) using hand, power and other tools of the trade while working on stationary rotating equipment;
- (e) interpreting drawings and plans and laying out and developing projects according to specifications;
- (f) using precision instruments to measure, assemble and fit complex plant or industrial machinery or other related equipment;
- (g) setting up and operating standard machine tools, including saws, drill presses, lathes and milling machines, and their attachments, to facilitate the efficient completion of the assembly and repair of stationary rotating equipment;
- (h) using, in relation to stationary rotating equipment, measuring and testing devices and rigging equipment;
- (i) heating and cutting with oxy-fuel equipment;
- (j) tack welding with welding equipment;
- (k) removing and installing electric motors, but does not include the electrical disconnecting or hookup of electric motors.

AR 290/2000 s3;251/2003;215/2009;91/2017

## 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 4 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.
- (5)** In the 4th 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.

### 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 4th period of that apprenticeship program.

AR 290/2000 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) 70% in the 2nd period of the apprenticeship program;
- (c) 80% in the 3rd period of the apprenticeship program;
- (d) 90% in the 4th period of the apprenticeship program.

AR 290/2000 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 *Millwright Trade Regulation* (AR 289/93) continues as an apprentice in that apprenticeship program under this Regulation.

#### **Repeal**

**8** The *Millwright Trade Regulation* (AR 289/93) is repealed.

**9** Repealed AR 91/2017 s7.

#### **Coming into force**

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



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