



Province of Alberta

APPRENTICESHIP AND INDUSTRY TRAINING ACT

WELDER TRADE REGULATION

Alberta Regulation 314/2006

With amendments up to and including Alberta Regulation 119/2018

Current as of June 20, 2018

Office Consolidation

© Published by Alberta Queen's Printer

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(Consolidated up to 119/2018)

ALBERTA REGULATION 314/2006

Apprenticeship and Industry Training Act

WELDER 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* (AR 258/2000);
- (c) “component” means any object that consists of ferrous or non-ferrous metal and without limiting the generality of the foregoing includes the following objects that are made of or that consist of ferrous or non-ferrous metal:
 - (i) structures;
 - (ii) pipe;
 - (iii) vessels;
 - (iv) containers;
- (d) “technical training” means technical training as defined in the *Apprenticeship Program Regulation* (AR 258/2000);
- (e) “trade” means the occupation of welder that is designated as a compulsory certification trade pursuant to the *Apprenticeship and Industry Training Act*.

Part 1 General Matters Respecting the Trade

Constitution of the trade

- 2(1)** The undertakings set out in sections 5 and 10 constitute the trade.
- (2)** The trade is made up of the following:
- (a) the welder branch of the trade;
 - (b) the wire process operator branch of the trade.

Tasks, activities and functions

3 When practising or otherwise carrying out work in the trade, the tasks, activities and functions set out in sections 6 and 11 come within the trade.

Supervision of apprentices, etc.

4(1) Where, in respect of a branch of the trade, a person is a certified journeyman and is to provide supervision to an apprentice, that journeyman is eligible to supervise that apprentice only

- (a) in respect of the undertakings that constitute that branch, and
- (b) in respect of tasks, activities and functions that come within that branch,

for which that person is a certified journeyman.

(2) Where a person is an apprentice in an apprenticeship program in a branch of the trade and is employed in respect of another branch of the trade, that apprentice is eligible to carry out work only

- (a) in respect of the undertakings that constitute that branch, and
- (b) in respect of tasks, activities and functions that come within that branch,

for which that person is an apprentice.

Part 2 Welder Branch of the Trade

Trade Matters Respecting the Branch

Undertakings constituting the branch

5 The following undertakings constitute the welder branch of the trade:

- (a) the fabrication of components;
- (b) the service, maintenance and repair of components.

Tasks, activities and functions

6 When practising or otherwise carrying out work in the welder branch of the trade, the following tasks, activities and functions come within that branch of the trade:

- (a) setting up oxy-fuel accessories using recommended installation procedures;
- (b) cutting, shaping and fitting steel using oxy-fuel processes;
- (c) cleaning and inspecting cut surfaces;
- (d) fusion welding using manual oxy-fuel processes;
- (e) brazing and braze welding using oxy-fuel processes;
- (f) applying surfacing materials using oxy-fuel processes;
- (g) joining metals using soldering processes;
- (h) setting up and welding using shielded metal arc, gas metal arc, flux core arc, submerged arc and gas tungsten arc welding processes;
- (i) cutting and gouging using electric arc welding processes;
- (j) welding and cutting using plasma arc processes;
- (k) setting up equipment and welding using resistance welding processes;
- (l) identifying metals and performing preparation and assembly tasks prior to welding;
- (m) performing supplementary and disassembly procedures;
- (n) sketching and interpreting blueprints;
- (o) using hand tools, power tools and shop equipment;
- (p) using any new innovative trade-related technological changes with respect to
 - (i) materials or method of construction, and
 - (ii) the carrying out of the tasks, activities and functions referred to in this section.

Apprenticeship

Term of the apprenticeship program for welder

7(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 welder branch of 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 314/2006 s7;123/2015

Employment of apprentices

8(1) Where, with respect to the employment of apprentices in the welder branch of the trade, a person employs an apprentice, that employment must be carried out in accordance with this section.

(2) A person who is a certified journeyman in the welder branch of the trade or employs a certified journeyman in the welder branch of the trade may employ 3 apprentices in the welder branch of the trade and 3 additional apprentices in that branch for each additional certified journeyman in that branch that is employed by that person.

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

(4) For the purposes of subsection (2), a person who is a certified journeyman in the welder branch of the trade or employs a certified journeyman in the welder branch of the trade, instead of employing an apprentice in an apprenticeship program in the welder branch of the trade, may employ an apprentice in an apprenticeship program in the wire process operator branch of the trade to carry out any of the undertakings that constitute the wire process operator branch of the trade.

AR 314/2006 s8;192/2008

Wages

9(1) Subject to the *Apprenticeship Program Regulation* (AR 258/2000), 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 journeymen 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.

Part 3 Wire Process Operator Branch of the Trade

Trade Matters Respecting the Branch

Undertakings constituting the branch

10 The following undertakings constitute the wire process operator branch of the trade:

- (a) the fabrication of components using processes other than shielded metal arc and gas tungsten arc processes;
- (b) the service, maintenance and repair of components using processes other than shielded metal arc and gas tungsten arc processes.

Tasks, activities and functions

11 When practising or otherwise carrying out work in the wire process operator branch of the trade, the following tasks, activities and functions come within that branch of the trade:

- (a) cutting steel using oxy-fuel processes;
- (b) cleaning and inspecting cut surfaces;
- (c) cutting and gouging using electric arc welding processes;
- (d) setting up and welding using gas metal arc, flux core arc and submerged arc welding processes;
- (e) welding and cutting using plasma arc processes;
- (f) setting up equipment and welding using resistance welding processes;
- (g) identifying metals and performing preparation and assembly tasks prior to welding;
- (h) interpreting blueprints;
- (i) using hand tools, power tools and shop equipment;
- (j) using any new innovative trade-related technological changes with respect to
 - (i) materials or method of construction, and
 - (ii) the carrying out of the tasks, activities and functions referred to in this section.

Apprenticeship

Term of the apprenticeship program for wire process operator

12(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 wire process operator branch of the trade is 2 periods of not less than 12 months each.

(2) In the first period of the apprenticeship program an apprentice must acquire not less than 1500 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 1800 hours of on the job training.

Employment of apprentices

13(1) Where, with respect to the employment of apprentices in the wire process operator branch of the trade, a person employs an apprentice, that employment must be carried out in accordance with this section.

(2) A person who is a certified journeyman in the wire process operator branch of the trade or employs a certified journeyman in the wire process operator branch of the trade may employ 5 apprentices in the wire process operator branch of the trade and 5 additional apprentices in that branch for each additional certified journeyman in that branch that is employed by that person.

(3) For the purposes of subsection (2), a person who is a certified journeyman in the wire process operator branch of the trade or employs a certified journeyman in the wire process operator branch of the trade, instead of employing an apprentice in an apprenticeship program in the wire process operator branch of the trade, may employ an apprentice in an apprenticeship program in the welder branch of the trade to carry out any of the undertakings that constitute the wire process operator branch of the trade.

(4) Subsection (2) does not apply to an apprentice who is engaged in an apprenticeship program in the welder branch of the trade who

- (a) has completed all the requirements required or approved by the Board for advancement into the 3rd period of that apprenticeship program, and
- (b) is employed to carry out any of the undertakings that constitute the wire process operator branch of the trade.

AR 314/2006 s13;192/2008

Wages

14(1) Subject to the *Apprenticeship Program Regulation* (AR 258/2000), 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 journeymen in the trade:

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

Part 4 Repeal and Coming into Force

Repeal

15 The *Welder Trade Regulation* (AR 311/2000) is repealed.

16 Repealed AR 119/2018 s21.

Coming into force

17 This Regulation comes into force on February 1, 2007.



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