

Apprenticeship and Industry Training Act

Power System Electrician Trade Regulation

Alberta Regulation 297/2000

Consolidated to January 31, 2011

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**Government
of Alberta** ■



ALBERTA REGULATION 297/2000
as amended by Alta. Reg. 106/2003, 41/2004, 102/2006, 270/2006 and 1/2011
Apprenticeship and Industry Training Act
POWER SYSTEM ELECTRICIAN TRADE REGULATION

Table of Contents

| | |
|-------------|---|
| Definitions | 1 |
|-------------|---|

General Matters Respecting the Trade

| | |
|---------------------------------|---|
| Constitution of the trade | 2 |
| Tasks, activities and functions | 3 |

Apprenticeship

| | |
|--------------------------------|---|
| Term of apprenticeship program | 4 |
| Employment of apprentices | 5 |
| Wages | 6 |

Transitional Provisions, Repeals, Expiry and Coming into Force

| | |
|--------------------------|----|
| Apprenticeship continues | 7 |
| Repeal | 8 |
| Expiry | 9 |
| Coming into force | 10 |

- 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*;
[Alta. Reg. 270/2006]
 - (c) “power system” means any type of public or private electrical high voltage generation, transmission or distribution system and without limiting the generality of the foregoing includes
 - (i) power system electrical equipment;
[Alta. Reg. 41/2004]
 - (ii) power system metering apparatus;

- (iii) power system protection apparatus;
- (iv) power system control apparatus;
- (v) transportation control systems;
- (vi) electrical transportation systems;
- (vii) grounding and bonding systems;

[Alta. Reg. 41/2004]

- (d) “technical training” means technical training as defined in the *Apprenticeship Program Regulation*;
- (e) “trade” means the occupation of power system electrician 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*.

[Alta. Reg. 270/2006]

General Matters Respecting the Trade

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

- (a) installing and constructing power systems;
- (b) maintaining and repairing power systems;
- (c) monitoring power systems;
- (d) operating power systems.

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 tools, hand power tools, testing equipment, computers and specialty tools required by the trade;
- (b) installing, terminating and testing conductors or cables into power systems;
- (c) installing and laying out raceways, conduit, cable tray, wireways and fittings in power systems;

[Alta. Reg. 41/2004]

- (d) installing, troubleshooting, maintaining and commissioning power system equipment and apparatus;
- (e) interpreting and applying the provisions of the *Safety Codes Act* and regulations under that Act for the purposes of carrying out the undertakings that constitute the trade;
- (f) interpreting electrical drawings and prints.

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 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 1500 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 1425 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 1425 hours of on the job training and successfully complete the technical training that is required or approved by the Board.

[Alta. Reg. 106/2003]

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.

[Alta. Reg. 1/2011]]

[Alta. Reg. 102/2006, 270/2006]

- 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:
- [Alta. Reg. 270/2006]
- (a) 50% in the first period of the apprenticeship program;
- (b) 60% in the 2nd period of the apprenticeship program;
- (c) 67.5% in the 3rd period of the apprenticeship program;
- (d) 75% in the 4th period of the apprenticeship program.

Transitional Provisions, Repeals, Expiry 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 *Power System Electrician Trade Regulation* (AR 132/94) continues as an apprentice in that apprenticeship program under this Regulation.

Repeal **8** The *Power System Electrician Trade Regulation* (AR 132/94) is repealed.

Expiry **9** For the purpose of ensuring that this Regulation is reviewed for ongoing relevancy and necessity, with the option that it may be repassed in its present or an amended form following a review, this Regulation expires on August 31, 2013.

[Alta. Reg. 41/2004]

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