



Province of Alberta

APPRENTICESHIP AND INDUSTRY TRAINING ACT

**FIELD HEAT TREATMENT TECHNICIAN
OCCUPATION REGULATION**

Alberta Regulation 123/2008

With amendments up to and including Alberta Regulation 120/2018

Current as of June 20, 2018

Office Consolidation

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(Consolidated up to 120/2018)

ALBERTA REGULATION 123/2008
Apprenticeship and Industry Training Act
FIELD HEAT TREATMENT TECHNICIAN
OCCUPATION REGULATION

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Definition

1 In this Regulation, “occupation” means the occupation of field heat treatment technician designated as a designated occupation under the *Apprenticeship and Industry Training Act*.

Constitution of the occupation

2 The undertaking that constitutes the occupation is the field application of heat to the following materials to intentionally alter the material’s properties:

- (a) ferrous and non-ferrous alloy;
- (b) refractory;
- (c) coating;
- (d) glass.

Tasks, activities and functions

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

- (a) apply codes, specifications and quality control programs;
- (b) interpret blueprints or schematic drawings, and prepare sketches;
- (c) determine appropriate heat treatment method and set up;

- (d) set up, calibrate, maintain, operate and repair heat treatment instruments and equipment;
- (e) annealing, normalizing, preheating, solution annealing, thermal stabilizing and stress relieving;
- (f) drying out, curing and baking out using gases or electricity;
- (g) degassing to remove hydrogen or other contaminants;
- (h) enhancement applications;
- (i) thermal alignment and expansion;
- (j) hardness testing;
- (k) line thawing;
- (l) maintain appropriate documentation to support quality control specifications and processes;
- (m) comply with site and process specific safety procedures.

4 Repealed AR 120/2018 s1.

Coming into force

5 This Regulation comes into force on August 1, 2008.



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