

# Apprenticeship and Industry Training Act

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## Field Heat Treatment Technician Occupation Regulation

Alberta Regulation 123/2008

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Apprenticeship and  
Industry Training

# ALBERTA REGULATION 123/2008

## Apprenticeship and Industry Training Act

### FIELD HEAT TREATMENT TECHNICIAN OCCUPATION REGULATION

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- Definitions      **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 materials’ 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.

- Expiry           **4** 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 amended form following a review, this Regulation expires on June 30, 2013.
- Coming into force           **5** This Regulation comes into force on August 1, 2008.