

# APPRENTICESHIP AND OCCUPATIONAL CERTIFICATION

## Board Order

*This is an order of the New Brunswick Apprenticeship and Occupational Certification Board made pursuant to section 13 of the Apprenticeship and Occupational Certification Act.*

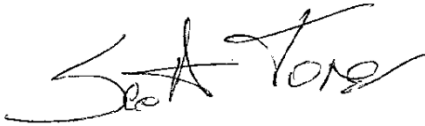
<b>Title:</b>	<b>Tasks, Activities and Functions of a Designated Occupation</b>
<b>Category:</b>	Voluntary
<b>Occupation:</b>	Heat Treatment Technician
<b>Board Order Number:</b>	V159.1
<b>Board Order Date:</b>	January 17, 2013
<b>Effective Date:</b>	December 1, 2013

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### SCOPE OF THE OCCUPATION

The heat treatment technician occupation includes

- (a) the applying of site specific safety procedures in order to protect oneself and others;
- (b) the preheating or postheating treatment according to code and specifications in accordance with the requirements of an end product;
- (c) the applying of equipment and material to a workpiece;
- (d) the drying-out and curing of refractory material, executed by the use of gases or electricity;
- (e) the degassing of vessels in order to remove hydrogen or other contaminants from material;
- (f) the performing on ferrous and non-ferrous materials of enhancement applications, such as annealing and stationary oven furnace heat treatment;
- (g) the applying of thermal alignment;
- (h) the verifying of the heat treatment process by hardness testing;
- (i) the maintaining of proper documentation to support quality control specifications and processes;
- (j) the interpreting and application of various heat treatment procedures and processes in order to meet codes and quality control programs;
- (k) the maintaining and repairing of heat treatment instrumentation and equipment;
- (l) the calibrating of heat treatment instrumentation and equipment;
- (m) the applying of rigging procedures to prepare for lifting and to assist in lifting manoeuvres; and
- (n) the reading and interpreting blueprints and schematic drawings, to create sketches and to recognize the symbols and abbreviations in common use in the heat treatment technician occupation.

A handwritten signature in black ink, appearing to read "Scott Toris". The signature is fluid and cursive, with the first name "Scott" and last name "Toris" clearly distinguishable. It is positioned above a horizontal line.

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Chair  
Apprenticeship and Occupational Certification Board