

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.

Title:	Tasks, Activities and Functions of a Designated Occupation
Category:	Voluntary
Occupation:	Tower Crane Operator
Board Order Number:	V191.1
Board Order Date:	October 19, 2022
Effective Date:	October 19, 2022

Definitions

In this section,

“tower crane” means a lifting device that meets all of the following criteria:

- (a) it incorporates a power-driven drum with a cable or rope and a vertical mast or tower;
- (b) it has either a stationary boom with a trolley or a luffing boom or jib;
- (c) it is the travelling, fixed, articulating, telescoping or climbing type;
- (d) it is used exclusively for raising, lowering, transporting or moving material;
- (e) it is designed so that it can be assembled and disassembled for use at various sites; and
- (f) it is not a mobile crane outfitted as a tower crane.

“self-erecting tower crane” means a portable tower crane that meets all of the following criteria:

- (a) it is capable of self-erection by means of articulation from a position for transport to a position for operation;
- (b) it does not require a concrete base to support the crane;
- (c) it has a rated lifting capacity of less than 40 meter tonne (144.3 feet ton); and
- (d) it operates by remote control or pendant control.

SCOPE OF THE OCCUPATION

The tower crane operator occupation includes:

- (a) the performing of routine crane inspections and service procedures;
- (b) the carrying out of crane checks before operation and continued visual checks during operation;
- (c) the performing of rigging procedures;
- (d) the positioning and stabilizing of the crane prior to lifting;
- (e) the performing of pre-lift planning;
- (f) the calculating of lifting capacities according to the crane’s load chart;

- (g) the using of visual and audio systems to communicate with management, signallers and riggers;
- (h) the operating of a crane to raise, reposition and place a load; and
- (i) the maintaining of crane records.

A handwritten signature in black ink, appearing to read "Debra Rowe". The signature is fluid and cursive, with a long horizontal flourish extending to the right.

Chair

Apprenticeship and Occupational Certification Board