

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: Industrial Electrician

Board Order Number: V012.1

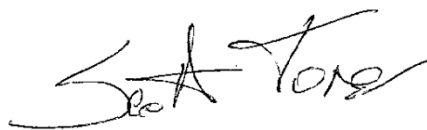
Board Order Date: January 17, 2013

Effective Date: December 1, 2013

SCOPE OF THE OCCUPATION

The industrial electrician occupation includes

- (a) the preparing of reports and the conducting of tests on electrical and electronic equipment and components to locate and repair faults using approved testing instruments, diagrams and specifications;
- (b) the planning, installing and energizing of wiring systems according to applicable codes, statutes, regulations, blueprints, specifications and other requirements of any governmental or other authority having jurisdiction;
- (c) the installing, maintaining and repairing of de-energized transformers, switchgear, switchboard meters and associated circuitry used for power distribution;
- (d) the installing, repairing, energizing and preventative maintenance of generators, alternators, motors, motor starters, motor controllers, motor protective devices and standby emergency systems in industrial establishments;
- (e) the installing, testing, energizing, calibrating and programming of input and output signal devices required in the operation of automated process control systems;
- (f) the installing, testing, energizing and maintaining of electrical and electronic control systems used for heating and cooling; and
- (g) the designing, programming, modifying, troubleshooting and repairing of programmable logic controllers, DC and AC drive systems, microcomputer controlled systems and other similar equipment and processes.



Chair
Apprenticeship and Occupational Certification Board