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Under section 56 of the *Apprenticeship and Occupational Certification Act*, the Lieutenant-Governor in Council makes the following Regulation:

Citation

1 This Regulation may be cited as the *Compulsory Occupations Regulation - Apprenticeship and Occupational Certification Act*.

Definition of “Act”

2 In this Regulation, “Act” means the *Apprenticeship and Occupational Certification Act*.

Compulsory occupations

3 The following occupations are compulsory occupations:

- (a) automotive service technician occupation;
- (b) automotive service technician (steering, suspension and brakes) occupation;
- (c) bricklayer occupation;
- (d) construction boilermaker occupation;
- (e) construction electrician occupation;
- (f) mobile crane operator occupation;
- (g) oil heat system technician occupation;
- (h) plumber occupation;
- (i) refrigeration and air conditioning technician occupation;
- (j) sheet metal worker occupation;
- (k) sprinkler system installer occupation; and
- (l) steamfitter-pipefitter occupation.

Automotive service technician occupation

4(1) Subject to subsection (2), the automotive service technician occupation has the following tasks, activities and functions:

(a) the diagnosing, testing, servicing, installing, maintaining, removing, repairing or replacing of parts and components of the following assemblies and their accessories on automobiles and light trucks:

- (i) fuel;
- (ii) exhaust;
- (iii) transmission;
- (iv) steering;
- (v) suspension;
- (vi) engine;
- (vii) electrical;
- (viii) electronic;
- (ix) braking;
- (x) starting;
- (xi) charging; and
- (xii) power train;

(b) the use of shop equipment, service publications and service information systems in relation to the tasks, activities and functions set out in paragraph (a);

(c) the use of electrical and other measuring devices in relation to the tasks, activities and functions set out in paragraph (a);

- (d) the reclaiming, recovering, recycling and reusing of ozone depleting substances and other halocarbons from automobiles and light trucks; and
- (e) the performing of inspections on automobiles and light trucks in accordance with the *Motor Vehicle Act*.

4(2) The following tasks, activities and functions are not tasks, activities and functions of the automotive service technician occupation:

- (a) the changing or adding of motor vehicle fluids;
- (b) the repairing and changing of tires;
- (c) the installing or repairing of:
 - (i) remote car starters;
 - (ii) garage door openers;
 - (iii) rearview cameras;
 - (iv) ignition interlock devices;
 - (v) proximity sensors;
 - (vi) alarm systems;
 - (vii) GPS and other navigation systems;
 - (viii) entertainment systems;
 - (ix) Bluetooth devices;

- (x) seat warmers; and
- (xi) accent lighting;
- (d) the replacing of hoses, fan belts, light bulbs, lenses, fuses and batteries; and
- (e) the replacing of all non-electronic exhaust parts.

Automotive service technician (steering, suspension and brakes) occupation

5 The automotive service technician (steering, suspension and brakes) occupation has the following tasks, activities and functions:

- (a) the diagnosing, testing, servicing, installing, maintaining, removing, repairing or replacing of parts and components of the following assemblies and their accessories on automobiles and light trucks:
 - (i) steering;
 - (ii) suspension; and
 - (iii) braking;
- (b) the using of shop equipment, service publications and service information systems in relation to the tasks, activities and functions set out in paragraph (a);
- (c) the using of electrical and other measuring devices in relation to the tasks, activities and functions set out in paragraph (a);
- (d) the using of wheel alignment equipment to perform two and four wheel alignment on automobiles and light trucks; and

(e) the performing of inspections on automobiles and light trucks in accordance with the *Motor Vehicle Act*.

Bricklayer occupation

6 The bricklayer occupation has the following tasks, activities and functions:

- (a) the laying of bricks, blocks, stones, tiles, glass blocks and other building materials;
- (b) the constructing or repairing of walls, partitions, arches, fireplaces and other structures;
- (c) the measuring of distances from reference points and the marking of guidelines on the working surface to lay the materials set out in paragraph (a);
- (d) the fastening of all masonry products, including refractory products, brick or terracotta veneer to the face of structures;
- (e) the restoring of masonry and stone by sequence of carving, removing and reinstalling;
- (f) the determining of vertical and horizontal alignment courses as the tasks, activities and functions set out in paragraphs (a) to (e) progress;
- (g) the removing and cleaning of mortar joints and the repointing of joints; and
- (h) the installing of insulation, membranes and flashing used in the tasks, activities and functions set out in paragraphs (a) to (g).

Construction boilermaker occupation

7(1) In this section, “related equipment” means the following:

- (a) condensers;

- (b) towers;
- (c) distillation towers;
- (d) stacks and stack liners;
- (e) storage tanks;
- (f) penstocks;
- (g) furnaces;
- (h) pollution control equipment;
- (i) pressure vessels;
- (j) gas-, solid- or liquid-tight containers or equipment; and
- (k) platforms, ladders, walkways, floors, roofs, support structures or other structures attached to or used with respect to boilers, heat exchangers or the equipment set out in paragraphs (a) to (j). (*équipement connexe*)

7(2) The construction boilermaker occupation has the following tasks, activities and functions:

- (a) the fabricating, assembling and erecting of boilers, heat exchangers and related equipment;
- (b) the repairing, maintaining, inspecting and servicing of boilers, heat exchangers and related equipment;

- (c) the preparing and testing of boilers, heat exchangers and related equipment by non-destructive testing (NDT), including hydrostatic testing, air testing and vacuum testing; and
- (d) the stress relief of vessels and ancillary equipment.

Construction electrician occupation

8(1) Subject to subsection (2), the construction electrician occupation has the following tasks, activities and functions:

- (a) the planning, installing and maintaining of electrical wiring systems and related equipment;
- (b) the interpreting of blueprints, standards and specifications for the planning, installing and maintaining of electrical wiring systems;
- (c) the installing, testing and energizing of all components required to ensure the integrity and safety of a wiring system;
- (d) the installing, testing, energizing and terminating of the conductors required to complete the wiring system of structures;
- (e) the installing, testing, energizing and maintaining of input and signal devices involved with an automatic process system;
- (f) the installing, testing, energizing and maintaining of motors, motor starters, motor controllers and motor protective devices; and
- (g) the installing, testing, energizing and maintaining of electrical emergency standby systems.

8(2) The installing, testing, energizing and maintaining of communication systems, fire alarm systems or security systems are not tasks, activities and functions of the construction electrician occupation.

Mobile crane operator occupation

9(1) In this section, “crane” means

(a) a wheel- or crawler-mounted hydraulic boom crane with a lifting capacity of over 25 tons; or

(b) a wheel- or crawler-mounted lattice boom crane with a lifting capacity of over 25 tons.
(*grue*)

9(2) The mobile crane operator occupation has the following tasks, activities and functions:

(a) the performing of routine crane inspection and service procedures;

(b) the carrying out of crane checks before operation and continual visual checks during operation;

(c) the performing of crane rigging procedures;

(d) the performing of crane pre-lift planning;

(e) the driving, positioning, assembling and setting up of a crane machine and boom;

(f) the operating of a crane to raise, reposition and place a load;

(g) the dismantling of a crane and the preparing of a crane for travel; and

(h) the maintaining of crane records.

Oil heat system technician occupation

10 The oil heat system technician occupation has the following tasks, activities and functions:

- (a) the installing, servicing and repairing of oil burners used for heating purposes, with firing rates up to and including 422 348 J (400,000 BTUs) or 11.356 l (three gallons) per hour;
- (b) the installing, servicing and repairing of control devices and associated electrical wiring used in connection with an oil burner described in paragraph (a); and
- (c) the installing, servicing and repairing of equipment associated with an oil burner described in paragraph (a), including oil tanks with a maximum capacity of 2500 l (550 gallons).

Plumber occupation

11(1) Subject to subsection (2), the plumber occupation has the following tasks, activities and functions performed at a property within the property lines:

- (a) the constructing, extending, altering, repairing, renewing and testing of:
 - (i) potable water source and distribution systems and associated piping, fittings, valves and appurtenances;
 - (ii) drainage systems and associated piping, fittings, fixtures, traps and appurtenances; and
 - (iii) venting systems and associated piping and fittings; and
- (b) the installing of:

- (i) back-flow prevention devices for the separating of potable and non-potable water systems; and
- (ii) all fixtures and appliances capable of discharging sewage or clear water waste.

11(2) The installing of a hydronic heating or cooling system and associated piping, fittings, valves and appurtenances designed for use with a non-potable water distribution system is not a task, activity and function of the plumber occupation.

Refrigeration and air conditioning technician occupation

12 The refrigeration and air conditioning technician occupation has the following tasks, activities and functions:

- (a) the installing, servicing and repairing of refrigeration equipment for conditioning air and for the cooling of water, brine and all types of industrial products;
- (b) the assembling and installing of compressors, condensers, evaporators, motors, other units of refrigeration equipment and refrigerant piping;
- (c) the overhauling and repairing of pumps, compressors, valves, component parts and piping used in refrigeration and air conditioning systems; and
- (d) the reclaiming, recovering, recycling or reusing of ozone depleting substances and other halocarbons.

Sheet metal worker occupation

13(1) Subject to subsections (2), the sheet metal worker occupation has the following tasks, activities and functions performed in the industrial, commercial or institutional sector:

(a) the preparing, laying out, fabricating, assembling, erecting, installing, reconditioning, adjusting, altering, repairing and servicing of all ferrous and non-ferrous sheet metal of or equivalent to #10 U.S. gauge or lighter gauge and all other materials used for systems for ventilation, the conveyance of heat or conditioned air, the exhaust of fumes or for dust collection; and

(b) the reading and interpreting of blueprints, schematic drawings, symbols and abbreviations for applications described in paragraph (a) and the making of sketches for those applications.

13(2) The following tasks, activities and functions are not tasks, activities and functions of the sheet metal worker occupation:

(a) the installing of metal siding;

(b) the erecting of metal shelving;

(c) the assembling of metal furniture;

(d) the fabricating and installing of flashing related to the roofer occupation; and

(e) the manufacturing of sheet metal products on a mass production basis.

Sprinkler system installer occupation

14(1) Subject to subsection (2), the sprinkler system installer occupation has the following tasks, activities and functions performed at a property within the property lines:

(a) the assembling, installing, testing, repairing and maintaining of high or low pressure pipeline systems for the supply of water, foam, gases, air or any other substance or material for the purpose of fire protection;

- (b) the examining of drawings and specifications of sprinkler and fire protection systems or installations;
- (c) the installing or repairing of fire protection and fire control systems, either by hand or with power equipment, including
 - (i) all piping or tubing and appurtenances or equipment pertaining to the fire protection and fire control systems, including
 - (A) standpipes, and
 - (B) hose connections,
 - (ii) when installed in connection with sprinkler systems,
 - (A) sprinkler supply mains,
 - (B) sprinkler tank heaters,
 - (C) fire extinguishers,
 - (D) air lines and thermal systems used in connection with sprinkler alarm systems, and
 - (E) tanks, pumps and air compressors,
 - (iii) other fixed systems used for fire protection purposes;
- (d) the connecting of equipment and fittings to piping systems related to sprinkler and fire protection systems installation; and
- (e) the testing of sprinkler and fire protection systems for leaks with air or liquid pressure.

14(2) The following tasks, activities and functions are not tasks, activities and functions of the sprinkler system installer occupation:

- (a) the lubricating of control valve stems;
- (b) the adjusting of packing glands on valves and pipes;
- (c) the bleeding of moisture and condensation from air compressors, air lines and dry-pipe system auxiliary drains;
- (d) the cleaning of strainers and clogged fire pump impellers;
- (e) the replacing of:
 - (i) loaded, corroded, or painted sprinklers;
 - (ii) missing or loose pipe hangers;
 - (iii) valve seats and gaskets;
 - (iv) worn or missing fire hoses;
 - (v) worn or missing nozzles;
 - (vi) frozen or fused sprinklers;
- (f) the restoration of heat to areas subject to freezing temperatures where water-filled piping is installed; and
- (g) the repairing of pipes due to failures caused by freezing, impact damage or broken underground fire mains.

Steamfitter-pipefitter occupation

15(1) Subject to subsection (2), the steamfitter-pipefitter occupation has the following tasks, activities and functions:

- (a) the installing, altering, maintaining, repairing and testing of piping and related piping components and equipment used to convey low and high pressure steam, hot water, gases, fluids in non-potable systems;
- (b) the fabricating, laying out and assembling of fittings, spools and supports in relation to the systems set out in paragraph (a);
- (c) the interpreting of blueprints, codes and specifications in relation to the planning, assembling and installing of systems set out in paragraph (a);
- (d) the setting up and use of rigging equipment in relation to the systems set out in paragraph (a).

15(2) The installing, altering, maintaining, repairing and testing of piping and equipment used in connection with sewage systems are not tasks, activities and functions of the steamfitter-pipefitter occupation.

16 *This Regulation comes into force on October 1, 2014.*