



General Assembly

Substitute Bill No. 1301

January Session, 2007

* SB01301GL__031307__ *

AN ACT CONCERNING LICENSURE FOR HEATING, PIPING, AND COOLING WORK.

Be it enacted by the Senate and House of Representatives in General Assembly convened:

1 Section 1. Section 20-330 of the general statutes is repealed and the
2 following is substituted in lieu thereof (*Effective July 1, 2007*):

3 As used in this chapter:

4 (1) "Contractor" means any person regularly offering to the general
5 public services of such person or such person's employees in the field
6 of electrical work, plumbing and piping work, solar work, heating,
7 piping, cooling and sheet metal work, fire protection sprinkler systems
8 work, elevator installation, repair and maintenance work, irrigation
9 work, automotive glass work or flat glass work, as defined in this
10 section;

11 (2) "Electrical work" means the installation, erection, maintenance,
12 alteration or repair of any wire, cable, conduit, busway, raceway,
13 support, insulator, conductor, appliance, apparatus, fixture or
14 equipment that generates, transforms, transmits or uses electrical
15 energy for light, heat, power or other purposes, but does not include
16 low voltage wiring, not exceeding twenty-four volts, used within a
17 lawn sprinkler system;

18 (3) "Plumbing and piping work" means the installation, repair,
19 replacement, alteration or maintenance of gas, water and associated
20 fixtures, laboratory equipment, sanitary equipment, other than
21 subsurface sewage disposal systems, fire prevention apparatus, all
22 water systems for human usage, sewage treatment facilities and all
23 associated fittings within a building and includes lateral storm and
24 sanitary lines from buildings to the mains, process piping, swimming
25 pools and pumping equipment, and includes making connections to
26 back flow prevention devices, and includes low voltage wiring, not
27 exceeding twenty-four volts, used within a lawn sprinkler system, but
28 does not include (A) solar work, except for the repair of those portions
29 of a solar hot water heating system that include the basic domestic hot
30 water tank and the tie-in to the potable water system, (B) the
31 installation, repair, replacement, alteration or maintenance of fire
32 prevention apparatus within a structure, except for standpipes that are
33 not connected to sprinkler systems, and (C) medical gas and vacuum
34 systems work. For the purposes of this subdivision, "process piping"
35 means piping or tubing that conveys liquid or gas that is used directly
36 in the production of a chemical or a product for human consumption;

37 (4) "Solar thermal work" means the installation, erection, repair,
38 replacement, alteration, or maintenance of active, passive and hybrid
39 solar systems that directly convert ambient energy into heat or convey,
40 store or distribute such ambient energy;

41 (5) "Heating, piping and cooling work" means (A) the installation,
42 repair, replacement, maintenance or alteration of any apparatus for
43 piping, appliances, devices or accessories for heating systems,
44 including sheet metal work, [and] (B) the installation, repair,
45 replacement, maintenance or alteration of air conditioning and
46 refrigeration systems, boilers, including apparatus and piping for the
47 generation or conveyance of steam and associated pumping
48 equipment and process piping, and (C) operating, by manipulating,
49 adjusting, controlling or monitoring with sufficient technical
50 knowledge, as determined by the commissioner, (i) heating systems
51 with a steam or water boiler maximum operating pressure greater than

52 fifteen pounds per square inch gauge, or (ii) air conditioning or
53 refrigeration systems with an aggregate of more than fifty horsepower
54 or kilowatt equivalency of fifty horsepower or of two hundred pounds
55 of refrigerant. Heating, piping and cooling work does not include solar
56 work or medical gas and vacuum systems work or the passive
57 monitoring of heating, air conditioning or refrigeration systems. For
58 the purposes of this subdivision, "process piping" means piping or
59 tubing that conveys liquid or gas that is used directly in the production
60 of a chemical or a product for human consumption;

61 (6) "Apprentice" means any person registered with the Labor
62 Department for the purpose of learning a skilled trade;

63 (7) "Elevator installation, repair and maintenance work" means the
64 installation, erection, maintenance and repair of all types of elevators,
65 dumb waiters, escalators, and moving walks and all mechanical
66 equipment, fittings, associated piping and wiring from a source of
67 supply brought to the equipment room by an unlimited electrical
68 contractor for all types of machines used to hoist or convey persons or
69 materials, but does not include temporary hoisting machines used for
70 hoisting materials in connection with any construction job or project;

71 (8) "Elevator maintenance" means the lubrication, inspection and
72 replacement of controls, hoistway and car parts;

73 (9) "Fire protection sprinkler systems work" means the layout, on-
74 site fabrication, installation, alteration, maintenance or repair of any
75 automatic or manual sprinkler system designed for the protection of
76 the interior or exterior of a building or structure from fire, or any
77 piping or tubing and appurtenances and equipment pertaining to such
78 system including overhead and underground water mains, fire
79 hydrants and hydrant mains, standpipes and hose connections to
80 sprinkler systems, sprinkler tank heaters excluding electrical wiring,
81 air lines and thermal systems used in connection with sprinkler and
82 alarm systems connected thereto, foam extinguishing systems or
83 special hazard systems including water spray, foam, carbon dioxide or

84 dry chemical systems, halon and other liquid or gas fire suppression
85 systems, but does not include (A) any engineering design work
86 connected with the layout of fire protection sprinkler systems, or (B)
87 any work performed by employees of or contractors hired by a public
88 water system, as defined in subsection (a) of section 25-33d;

89 (10) "State Fire Marshal" means the State Fire Marshal or any
90 member of the Division of State Police to whom the Commissioner of
91 Public Safety has delegated powers under section 29-291;

92 (11) "Journeyman sprinkler fitter" means a specialized pipe fitter
93 craftsman, experienced and skilled in the installation, alteration,
94 maintenance and repair of fire protection sprinkler systems;

95 (12) "Irrigation work" means making the connections to back flow
96 prevention devices, and low voltage wiring, not exceeding twenty-four
97 volts, used within a lawn sprinkler system;

98 (13) "Sheet metal work" means the installation, erection,
99 replacement, repair or alteration of duct work systems, both ferrous
100 and nonferrous;

101 (14) "Journeyman sheet metal worker" means an experienced
102 craftsman skilled in the installation, erection, replacement, repair or
103 alteration of duct work systems, both ferrous and nonferrous;

104 (15) "Automotive glass work" means installing, maintaining or
105 repairing fixed glass in motor vehicles;

106 (16) "Flat glass work" means installing, maintaining or repairing
107 glass in residential or commercial structures;

108 (17) "Medical gas and vacuum systems work" means the work and
109 practice, materials, instrumentation and fixtures used in the
110 construction, installation, alteration, extension, removal, repair,
111 maintenance or renovation of gas and vacuum systems and equipment
112 used solely to transport gases for medical purposes and to remove
113 liquids, air-gases or solids from such systems;

114 (18) "Solar electricity work" means the installation, erection, repair,
115 replacement, alteration, or maintenance of photovoltaic or wind
116 generation equipment used to distribute or store ambient energy for
117 heat, light, power or other purposes to a point immediately inside any
118 structure or adjacent to an end use;

119 (19) "Active solar system" means a system that uses an external
120 source of energy to power a motor-driven fan or pump to force the
121 circulation of a fluid through solar heat collectors and which removes
122 the sun's heat from the collectors and transports such heat to a location
123 where it may be used or stored;

124 (20) "Passive solar system" means a system that is capable of
125 collecting or storing the sun's energy as heat without the use of a
126 motor-driven fan or pump;

127 (21) "Hybrid solar system" means a system that contains
128 components of both an active solar system and a passive solar system;
129 and

130 (22) "Gas hearth product work" means the installation, service or
131 repair of a propane or natural gas fired fireplace, fireplace insert, stove
132 or log set and associated venting and piping that simulates a flame of a
133 solid fuel fire. "Gas hearth product work" does not include (A) fuel
134 piping work, (B) the servicing of fuel piping, or (C) work associated
135 with pressure regulating devices, except for appliances gas valves.

This act shall take effect as follows and shall amend the following sections:		
Section 1	July 1, 2007	20-330

GL *Joint Favorable Subst.*