



General Assembly

February Session, 2006

**Raised Bill No. 509**

LCO No. 2459



Referred to Committee on

Introduced by: **GENERAL LAW**  
(GL)

**AN ACT AMENDING THE DEFINITION OF PLUMBING, PIPING,  
HEATING 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 2006 supplement to the general  
2 statutes is repealed and the following is substituted in lieu thereof  
3 (*Effective October 1, 2006*):

4 As used in this chapter:

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

12 (2) "Electrical work" means the installation, erection, maintenance,  
13 alteration or repair of any wire, cable, conduit, busway, raceway,  
14 support, insulator, conductor, appliance, apparatus, fixture or

15 equipment that generates, transforms, transmits or uses electrical  
16 energy for light, heat, power or other purposes, but does not include  
17 low voltage wiring, not exceeding twenty-four volts, used within a  
18 lawn sprinkler system;

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

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

43 (5) "Heating, piping and cooling work" means (A) the installation,  
44 repair, replacement, maintenance or alteration of any apparatus for  
45 piping, appliances, devices or accessories for heating systems,  
46 including sheet metal work, and (B) the installation, repair,

47 replacement, maintenance or alteration of air conditioning and  
48 refrigeration systems, boilers, including apparatus and piping for the  
49 generation or conveyance of steam and associated pumping  
50 equipment and process piping. Heating, piping and cooling work does  
51 not include solar work or medical gas and vacuum systems work. For  
52 the purposes of this subdivision, "process piping" means piping or  
53 tubing that conveys liquid or gas that is used directly in the production  
54 of paper products or a chemical or [a] product for human  
55 consumption;

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

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

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

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

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

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

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

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

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

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

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

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

103 (17) "Medical gas and vacuum systems work" means the work and  
104 practice, materials, instrumentation and fixtures used in the  
105 construction, installation, alteration, extension, removal, repair,  
106 maintenance or renovation of gas and vacuum systems and equipment  
107 used solely to transport gases for medical purposes and to remove

108 liquids, air-gases or solids from such systems;

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

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

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

122 (21) "Hybrid solar system" means a system that contains  
123 components of both an active solar system and a passive solar system.

124 Sec. 2. Section 20-340 of the 2006 supplement to the general statutes  
125 is repealed and the following is substituted in lieu thereof (*Effective*  
126 *October 1, 2006*):

127 The provisions of this chapter shall not apply to: (1) Persons  
128 employed by any federal, state or municipal agency; (2) employees of  
129 any public service company regulated by the Department of Public  
130 Utility Control or of any corporate affiliate of any such company when  
131 the work performed by such affiliate is on behalf of a public service  
132 company, but in either case only if the work performed is in  
133 connection with the rendition of public utility service, including the  
134 installation or maintenance of wire for community antenna television  
135 service, or is in connection with the installation or maintenance of wire  
136 or telephone sets for single-line telephone service located inside the  
137 premises of a consumer; (3) employees of any municipal corporation

138 specially chartered by this state; (4) employees of any contractor while  
 139 such contractor is performing electrical-line or emergency work for  
 140 any public service company; (5) persons engaged in the installation,  
 141 maintenance, repair and service of electrical or other appliances of a  
 142 size customarily used for domestic use where such installation  
 143 commences at an outlet receptacle or connection previously installed  
 144 by persons licensed to do the same and maintenance, repair and  
 145 service is confined to the appliance itself and its internal operation; (6)  
 146 employees of industrial firms whose main duties concern the  
 147 maintenance of the electrical work, plumbing and piping work, solar  
 148 thermal work, heating, piping, cooling work, sheet metal work,  
 149 elevator installation, repair and maintenance work, automotive glass  
 150 work or flat glass work of such firm on its own premises or on  
 151 premises leased by it for its own use; (7) employees of industrial firms  
 152 when such employees' main duties concern the fabrication of glass  
 153 products or electrical, plumbing and piping, fire protection sprinkler  
 154 systems, solar, heating, piping, cooling, chemical or paper products  
 155 piping, sheet metal or elevator installation, repair and maintenance  
 156 equipment used in the production of goods sold by industrial firms,  
 157 except for products, electrical, plumbing and piping systems and  
 158 repair and maintenance equipment used directly in the production of a  
 159 product for human consumption; (8) persons performing work  
 160 necessary to the manufacture or repair of any apparatus, appliances,  
 161 fixtures, equipment or devices produced by it for sale or lease; (9)  
 162 employees of stage and theatrical companies performing the operation,  
 163 installation and maintenance of electrical equipment if such  
 164 installation commences at an outlet receptacle or connection  
 165 previously installed by persons licensed to make such installation; (10)  
 166 employees of carnivals, circuses or similar transient amusement shows  
 167 who install electrical work, provided such installation shall be subject  
 168 to the approval of the State Fire Marshal prior to use as otherwise  
 169 provided by law and shall comply with applicable municipal  
 170 ordinances and regulations; (11) persons engaged in the installation,  
 171 maintenance, repair and service of glass or electrical, plumbing, fire

172 protection sprinkler systems, solar, heating, piping, cooling and sheet  
173 metal equipment in and about single-family residences owned and  
174 occupied or to be occupied by such persons; provided any such  
175 installation, maintenance and repair shall be subject to inspection and  
176 approval by the building official of the municipality in which such  
177 residence is located and shall conform to the requirements of the State  
178 Building Code; (12) persons who install, maintain or repair glass in a  
179 motor vehicle owned or leased by such persons; (13) persons or entities  
180 holding themselves out to be retail sellers of glass products, but not  
181 such persons or entities that also engage in automotive glass work or  
182 flat glass work; (14) persons who install preglazed or preassembled  
183 windows or doors in residential or commercial buildings; (15) persons  
184 registered under chapter 400 who install safety-backed mirror  
185 products or repair or replace flat glass in sizes not greater than thirty  
186 square feet in residential buildings; and (16) sheet metal work  
187 performed in residential buildings consisting of six units or less by  
188 new home construction contractors registered pursuant to chapter  
189 399a, by home improvement contractors registered pursuant to chapter  
190 400 or by persons licensed pursuant to this chapter, when such work is  
191 limited to exhaust systems installed for hoods and fans in kitchens and  
192 baths, clothes dryer exhaust systems, radon vent systems, fireplaces,  
193 fireplace flues, masonry chimneys or prefabricated metal chimneys  
194 rated by the Underwriter's Laboratory or installation of stand-alone  
195 appliances including wood, pellet or other stand-alone stoves that are  
196 installed in residential buildings by such contractors or persons.

This act shall take effect as follows and shall amend the following sections:

Section 1	October 1, 2006	20-330
Sec. 2	October 1, 2006	20-340

**Statement of Purpose:**

To amend the definition of plumbing and piping work to include process piping that conveys liquid or gas that is used in the production of paper products.

*[Proposed deletions are enclosed in brackets. Proposed additions are indicated by underline, except that when the entire text of a bill or resolution or a section of a bill or resolution is new, it is not underlined.]*