

DIVISION II MANDATORY CERTIFICATES OF COMPETENCY

State Category 489.105 and 489.505	Broward Certificates and Experience Requirements
<p>“Alarm system contractor” means a person whose business includes the execution of contracts requiring the ability, experience, science, knowledge, and skill to lay out, fabricate, install, maintain, alter, repair, monitor, inspect, replace, or service alarm systems for compensation, including, but not limited to, all types of alarm systems for all purposes. This term also means any person, firm, or corporation that engages in the business of alarm contracting under an expressed or implied contract; that undertakes, offers to undertake, purports to have the capacity to undertake, or submits a bid to engage in the business of alarm contracting; or that by itself or by or through others engages in the business of alarm contracting.</p>	
<p>An alarm system contractor who possesses a certificate of competency issued by the department. The scope of certification is limited to alarm circuits originating in the alarm control panel and equipment governed by the applicable provisions of Articles 725, 760, 770, 800, and 810 of the National Electrical Code, Current Edition, and National Fire Protection Association Standard 72, Current Edition. The scope of certification for alarm system contractors also includes the installation, repair, fabrication, erection, alteration, addition, or design of electrical wiring, fixtures, appliances, thermostats, apparatus, raceways, and conduit, or any part thereof not to exceed 98 volts (RMS), when those items are for the purpose of transmitting data or proprietary video (satellite systems that are not part of a community antenna television or radio distribution system) or providing central vacuum capability or electric locks; however, this provision governing the scope of certification does not create any mandatory licensure requirement.</p>	
<p>“Alarm system contractor I” means an alarm system contractor whose business includes all types of alarm systems for all purposes.</p>	4 yrs practical exp in category
<p>“Alarm system contractor II” means an alarm system contractor whose business includes all types of alarm systems other than fire, for all purposes, except as herein provided.</p>	4 yrs practical exp in category
<p>“Electrical contractor” means a person who conducts business in the electrical trade field and who has the experience, knowledge, and skill to install, repair, alter, add to, or design, in compliance with law, electrical wiring, fixtures, appliances, apparatus, raceways, conduit, or any part thereof, which generates, transmits, transforms, or utilizes electrical energy in any form, including the electrical installations and systems within plants and substations, all in compliance with applicable plans, specifications, codes, laws, and regulations. The term means any person, firm, or corporation that engages in the business of electrical contracting under an express or implied contract; or that undertakes, offers to undertake, purports to have the capacity to undertake, or submits a bid to engage in the business of electrical contracting; or that does itself or by or through others engage in the business of electrical contracting.</p>	4 yrs practical exp in category
<p>“Sheet metal contractor” unlimited in the sheet metal trade and who has the experience, knowledge, and skill necessary for the manufacture, fabrication, assembling, handling, erection, installation, dismantling, conditioning, adjustment, insulation, alteration, repair, servicing, or design, if not prohibited by law, of ferrous</p>	4 yrs practical exp in category

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or nonferrous metal work of U.S. No. 10 gauge or its equivalent or lighter gauge and of other materials, including, but not limited to, fiberglass, used in lieu thereof and of air-handling systems, including the setting of air-handling equipment and reinforcement of same, the balancing of air-handling systems, and any duct cleaning and equipment sanitizing that requires at least a partial disassembling of the system.	
<p><u>"Class A air-conditioning contractor"</u> unlimited in the execution of contracts requiring the experience, knowledge, and skill to install, maintain, repair, fabricate, alter, extend, or design, if not prohibited by law, central air-conditioning, refrigeration, heating, and ventilating systems, including duct work in connection with a complete system if such duct work is performed by the contractor as necessary to complete an air-distribution system, boiler and unfired pressure vessel systems, and all appurtenances, apparatus, or equipment used in connection therewith, and any duct cleaning and equipment sanitizing that requires at least a partial disassembling of the system; to install, maintain, repair, fabricate, alter, extend, or design, if not prohibited by law, piping, insulation of pipes, vessels and ducts, pressure and process piping, and pneumatic control piping; to replace, disconnect, or reconnect power wiring on the line or load side of the dedicated existing electrical disconnect switch on single phase electrical systems; to repair or replace power wiring, disconnects, breakers, or fuses for dedicated HVAC circuits with proper use of a circuit breaker lock; to install, disconnect, and reconnect low voltage heating, ventilating, and air-conditioning control wiring; and to install a condensate drain from an air-conditioning unit to an existing safe waste or other approved disposal other than a direct connection to a sanitary system. Includes any excavation work incidental thereto, but does not include any work such as liquefied petroleum or natural gas fuel lines within buildings, except for disconnecting or reconnecting changeouts of liquefied petroleum or natural gas appliances within buildings; potable water lines or connections thereto; sanitary sewer lines; swimming pool piping and filters; or electrical power wiring. May test and evaluate central air-conditioning, refrigeration, heating, and ventilating systems, including duct work; however, a mandatory licensing requirement is not established for the performance of these specific services.</p>	4 yrs practical exp in category
<p><u>"Class B air-conditioning contractor"</u> limited to 25 tons of cooling and 500,000 Btu of heating in any one system in the execution of contracts requiring the experience, knowledge, and skill to install, maintain, repair, fabricate, alter, extend, or design, if not prohibited by law, central air-conditioning, refrigeration, heating, and ventilating systems, including duct work in connection with a complete system only to the extent such duct work is performed by the contractor as necessary to complete an air-distribution system being installed under this classification, and any duct cleaning and equipment sanitizing that requires at least a partial disassembling of the system; to install, maintain, repair, fabricate, alter, extend, or design, if not prohibited by law, piping and insulation of pipes, vessels, and ducts; to replace, disconnect, or reconnect power wiring on the line or load side of the dedicated existing electrical disconnect switch on single phase electrical systems; to repair or replace power wiring, disconnects, breakers, or fuses for dedicated HVAC circuits with proper use of a circuit breaker lock; to install, disconnect, and reconnect low voltage heating, ventilating, and air-conditioning control wiring; and to install a condensate drain from an air-conditioning unit to an existing safe waste or other approved disposal other than a direct connection to a sanitary system. Includes any excavation work incidental thereto, but does not include any work such as liquefied petroleum or natural gas fuel lines within buildings, except for disconnecting or reconnecting changeouts of liquefied petroleum or natural gas appliances within buildings; potable water lines or connections thereto; sanitary</p>	4 yrs practical exp in category

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<p>sewer lines; swimming pool piping and filters; or electrical power wiring. May test and evaluate central air-conditioning, refrigeration, heating, and ventilating systems, including duct work; however, a mandatory licensing requirement is not established for the performance of these specific services.</p>	
<p><u>"Class C air-conditioning contractor"</u> limited to the servicing of air-conditioning, heating, or refrigeration systems, including any duct cleaning and equipment sanitizing that requires at least a partial disassembling of the system, and whose certification or registration, issued pursuant to this part, was valid on October 1, 1988. Only a person who was registered or certified as a Class C air-conditioning contractor as of October 1, 1988, shall be so registered or certified after October 1, 1988. However, the board shall continue to license and regulate those Class C air-conditioning contractors who held Class C licenses before October 1, 1988.</p>	<p>Don't need to create in BC</p>
<p><u>"Mechanical contractor"</u> unlimited in the execution of contracts requiring the experience, knowledge, and skill to install, maintain, repair, fabricate, alter, extend, or design, if not prohibited by law, central air-conditioning, refrigeration, heating, and ventilating systems, including duct work in connection with a complete system if such duct work is performed by the contractor as necessary to complete an air-distribution system, boiler and unfired pressure vessel systems, lift station equipment and piping, and all appurtenances, apparatus, or equipment used in connection therewith, and any duct cleaning and equipment sanitizing that requires at least a partial disassembling of the system; to install, maintain, repair, fabricate, alter, extend, or design, if not prohibited by law, piping, insulation of pipes, vessels and ducts, pressure and process piping, pneumatic control piping, gasoline tanks and pump installations and piping for same, standpipes, air piping, vacuum line piping, oxygen lines, nitrous oxide piping, ink and chemical lines, fuel transmission lines, liquefied petroleum gas lines within buildings, and natural gas fuel lines within buildings; to replace, disconnect, or reconnect power wiring on the line or load side of the dedicated existing electrical disconnect switch on single phase electrical systems; to repair or replace power wiring, disconnects, breakers, or fuses for dedicated HVAC circuits with proper use of a circuit breaker lock; to install, disconnect, and reconnect low voltage heating, ventilating, and air-conditioning control wiring; and to install a condensate drain from an air-conditioning unit to an existing safe waste or other approved disposal other than a direct connection to a sanitary system. Includes any excavation work incidental thereto but does not include any work such as potable water lines or connections thereto, sanitary sewer lines, swimming pool piping and filters, or electrical power wiring.</p>	<p>4 yrs practical exp in category</p>
<p><u>"Plumbing contractor"</u> means a contractor whose services are unlimited in the plumbing trade and includes contracting business consisting of the execution of contracts requiring the experience, financial means, knowledge, and skill to install, maintain, repair, alter, extend, or, if not prohibited by law, design plumbing. A plumbing contractor may install, maintain, repair, alter, extend, or, if not prohibited by law, design the following without obtaining an additional local regulatory license, certificate, or registration: sanitary drainage or storm drainage facilities, water and sewer plants and substations, venting systems, public or private water supply systems, septic tanks, drainage and supply wells, swimming pool piping, irrigation systems, and solar heating water systems and all appurtenances, apparatus, or equipment used in connection therewith, including boilers and pressure process piping and including the installation of water, natural gas, liquefied petroleum gas and related venting, and storm and sanitary sewer lines. The scope of work of the plumbing</p>	<p>4 yrs practical exp in category</p>

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<p>contractor also includes the design, if not prohibited by law, and installation, maintenance, repair, alteration, or extension of air-piping, vacuum line piping, oxygen line piping, nitrous oxide piping, and all related medical gas systems; fire line standpipes and fire sprinklers if authorized by law; ink and chemical lines; fuel oil and gasoline piping and tank and pump installation, except bulk storage plants; and pneumatic control piping systems, all in a manner that complies with all plans, specifications, codes, laws, and regulations applicable. The scope of work of the plumbing contractor applies to private property and public property, including any excavation work incidental thereto, and includes the work of the specialty plumbing contractor. Such contractor shall subcontract, with a qualified contractor in the field concerned, all other work incidental to the work but which is specified as being the work of a trade other than that of a plumbing contractor. This definition does not limit the scope of work of any specialty contractor certified pursuant to s. 489.113(6) and does not require certification or registration under this part as a category I liquefied petroleum gas dealer, or category V LP gas installer, as defined in s. 527.01, who is licensed under chapter 527 or an authorized employee of a public natural gas utility or of a private natural gas utility regulated by the Public Service Commission when disconnecting and reconnecting water lines in the servicing or replacement of an existing water heater. A plumbing contractor may perform drain cleaning and clearing and install or repair rainwater catchment systems; however, a mandatory licensing requirement is not established for the performance of these specific services.</p>	
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