

**Arizona**

<b>License</b>	<b>Description</b>	<b>Education/Experience</b>
Specialty Residential Contractor - <b>C-4 Boilers including solar</b>	Installation and repair of steam and hot water boilers. If necessary, a new circuit may be added to the existing service panel or sub-panel. Excluded is the installation of a new service panel or sub-panel.	4 years journeyman Exam: business management and trade exam
Specialty Commercial Contractor - <b>L-74 - Boilers, Steamfitting and Process Piping, Including Solar</b>	Installation, alteration, and repair of steam and hot water systems and boilers including solar. Also included are chimney connections, flues, refractories, burners, piping, fittings, valves, thermal insulation and accessories; fuel and water lines from source of supply to boilers; process and specialty piping and related equipment; pneumatic and electrical controls.	4 years journeyman Exam: business management and trade exam
Specialty Dual License Contracting - <b>K-74 - Boilers, Steamfitting and Process Piping, including Solar</b>	This classification allows the scope of work permitted by the commercial L-74 Boilers, Steamfitting and Process Piping, Including Solar and the residential C-4 Boilers Including Solar licenses.	4 years journeyman Exam: business management and trade exam
Specialty Residential Contractor - <b>C-37 - Plumbing including solar</b>	Installation and repair of water and gas piping systems, fire protection systems, and sewage treatment systems. Included are all fixtures, vents, and devices common to the industry, as well as solar applications. This scope includes all C-37R subclassifications	4 years journeyman Exam: business management and trade exam
Specialty Commercial Contractor - <b>L-77 - Plumbing including solar</b>	Installation, alteration, and repair of all plumbing including solar, when performed solely within property lines and not on public easements or right-of-ways	4 years journeyman Exam: business management and trade exam
Specialty Dual License Contracting – <b>K-77 Plumbing including solar</b>	This classification allows the scope of work permitted by the commercial L-77 Plumbing Including Solar and the residential C-37 Plumbing Including Solar licenses	4 years journeyman Exam: business management and trade exam
Specialty Residential Contractor - <b>C-37R - Solar Plumbing Liquid Systems Only</b>		6 months journeyman
Specialty Commercial Contractor - <b>L-78 - Solar plumbing - liquid systems only</b>	Installation, alteration, and repair of solar water heating systems operating at temperatures not exceeding 220° F, including thermosyphon, direct (open loop), and indirect (closed loop),but excludes air as a transfer medium. Includes installation of collectors, storage and expansion tanks, heat exchangers, piping valves, pumps, sensors and low voltage controls which connect to existing plumbing and electrical stub-outs at the water tank location. Installation of solar water heating systems for swimming pools which tie into and operate from the conventional pool systems, but excludes all non-solar plumbing, electrical and mechanical systems and components. Installation of back-up and auxiliary heating systems only when such systems are included in	6 months journeyman

	the original contract and when such systems are an integral part of the solar collector or storage equipment.	
Specialty Dual License Contractor - <b>K-78 - Solar Plumbing, Liquid Systems Only</b>	This classification allows the scope of work permitted by the commercial L-78 Solar Plumbing Liquid Systems Only and the residential C-37R Solar Plumbing Liquid Systems Only licenses.	6 months journeyman
Specialty Residential Contractor - <b>C-39 - Air conditioning and refrigeration including solar</b>	Installation and repair of comfort air conditioning systems, including refrigeration, evaporative cooling, ventilating, and heating with or without solar equipment. Installation and repair of machinery, units, accessories, refrigerator rooms, and insulated refrigerator spaces, and controls in refrigerators. If necessary, a new circuit may be added to the existing service panel or sub-panel. Excluded is the installation of a new service panel or sub-panel. This scope includes all C-39R subclassifications.	4 years journeyman Exam: business management and trade exam
Specialty Commercial Contractor - <b>L-79 - Air conditioning and refrigeration including solar</b>	Installation, alteration, and repair of refrigeration and evaporative cooling systems, including solar.	4 years journeyman Exam: business management and trade exam
Specialty Dual License Contractor - <b>K-79 - Air conditioning and refrigeration including solar</b>	This classification allows the scope of work permitted by the commercial L-79 Air Conditioning and Refrigeration Including Solar and the residential C-39 Air Conditioning and Refrigeration Including Solar licenses.	4 years journeyman Exam: business management and trade exam
General Residential Contracting - <b>B-6 General Swimming Pool Contractor</b>	The scope of work allowed in this classification is the same as B-5 (including all B-5R subclassifications) with the inclusion of solar heating devices	3.5 years experience, 1/2 year experience with solar, and examination
Commercial Contracting - Engineering Contractor: <b>A-19 Swimming Pools, Including Solar</b>	Construction, service, and repair of swimming pools and spas, with or without solar water heating devices, including water and gas service lines from point of service to pool equipment, wiring from pool equipment to first readily accessible disconnect, pool piping, fittings, backflow prevention devices, waste lines and other integral parts of a swimming pool, spa and attached solar water heating device	3.5 years experience, 1/2 year experience with solar, and examination
General Dual Engineering Contracting - <b>KA-6 Swimming Pool Contracting including Solar</b>	This classification allows the scope of work permitted by the commercial A-19 Swimming Pools, Including Solar and the residential B-6 General Swimming Pools, Including Solar licenses.	3.5 years experience, 1/2 year experience with solar, and examination
<b>A-17 Electrical and Transmission Lines</b>	Installation, alteration, and repair of transmission lines on public right-of-ways, including erection of poles, guying systems, tower line erection, street lighting of all voltages, and all underground systems including ducts for signal, communication, and similar installations. Installing transformers, circuit breakers, capacitors, primary metering devices and other related equipment of all electrical construction is included. All electrical systems of less than 600 volts on or inside a building are excluded	4 years journeyman Exam: business management and trade exam

<b>C-11 Electrical</b>	Installation and repair of electrical systems.	4 years journeyman Exam: business management and trade exam
<b>L-11 Electrical</b>	Installation, alteration, and repair of any wiring, related electrical material and equipment used in the generating, transmitting, or utilization of electrical energy less than 600 volts, including all overhead electrical wiring on public right-of-ways for signs and street decorations, and all underground electrical distribution systems of less than 600 volts serving private properties. Installation, alteration, and repair on other than public right-of-ways of all outside, overhead, and underground electrical construction and all wiring in or on any building of less than 600 volts	4 years journeyman Exam: business management and trade exam
<b>K-11 Electrical</b>	This classification allows the scope of work permitted by the commercial L-11 Electrical and residential C-11 Electrical licenses.	4 years journeyman Exam: business management and trade exam
<b>A – General Engineering</b>	Construction in connection with fixed works, including streets, roads, power and utilities plants, dams, hydroelectric plants, sewage and waste disposal plants, bridges, tunnels, and overpasses.	4 years management of general engineering
<b>B-4 General Residential Engineering Contractor</b>	Construction and repair of appurtenances to residential structures.	4 years management of general engineering
<b>KA – Dual Engineering</b>	This classification allows the scope of work permitted by the commercial A- General Engineering and the B-4 General Residential Engineering licenses.	4 years management of general engineering