

**TITLE 14 HOUSING AND CONSTRUCTION**  
**CHAPTER 6 CONSTRUCTION INDUSTRIES LICENSING**  
**PART 6 CLASSIFICATIONS AND SCOPES**

**14.6.6.1 ISSUING AGENCY:** The Construction Industries Division (CID) of the Regulation and Licensing Department.  
[14.6.6.1 NMAC - Rp, 14.6.6.1 NMAC, 4/1/2016]

**14.6.6.2 SCOPE:** This rule applies to any person who engages in contracting, as that term is defined in Construction Industries Licensing Act (CILA) Section 60-13-3, in New Mexico.  
[14.6.6.2 NMAC - Rp, 14.6.6.2 NMAC, 4/1/2016]

**14.6.6.3 STATUTORY AUTHORITY:** Section 60-13-9 NMSA 1978.  
[14.6.6.3 NMAC - Rp, 14.6.6.3 NMAC, 4/1/2016]

**14.6.6.4 DURATION:** Permanent.  
[14.6.6.4 NMAC - Rp, 14.6.6.4 NMAC, 4/1/2016]

**14.6.6.5 EFFECTIVE DATE:** April 1, 2016, unless a later date is cited at the end of a section.  
[14.6.6.5 NMAC - Rp, 14.6.6.5 NMAC, 4/1/2016]

**14.6.6.6 OBJECTIVE:** The objective of this rule is to set forth the classifications of licenses and certificates issued by CID.  
[14.6.6.6 NMAC - Rp, 14.6.6.6 NMAC, 4/1/2016]

**14.6.6.7 DEFINITIONS:**

- A. Commercial or industrial work** means all electrical, mechanical or plumbing work not defined as residential work in this rule.
- B. Direct supervision** means reasonable oversight, inspection and evaluation of the work of a person by constant on the jobsite supervision by a certified journeyman.
- C. Electrical wiring** means installation; alteration; connection; maintenance; demolition; or repair of raceways; conduits; conductors; cables; boxes; fittings; wiring devices; luminaires; overcurrent devices; distribution equipment; or other equipment or apparatus that is used as part of, or in connection with, an electrical installation.
- D. Mechanical and or plumbing work** means installation; alteration; connection; maintenance; demolition; or repair or piping; fixture; equipment; ducts or appurtenances other equipment that is used as part of, or in connection with a mechanical or plumbing system installation.
- E. Residential work** means work on one and two family dwelling units, and residences and apartment houses accommodating not in excess of four family units (Groups R-1, R-2) as defined in 14.7.3 NMAC. This includes structures in Group U, as defined in 14.7.3 NMAC, when incidental to groups R-1 and R-2.
- F. Roof coating** a fluid material applied in the field as a sacrificial film to the roof surface to provide weather protection over the original waterproof membrane. The coating protects the waterproof roof substrate from the weather (solar radiation, heat and moisture) and may change the appearance of the roof. Roof coatings do not replace a roof assembly or roof covering.
- G. Unregistered apprentice** means a person who, for the purpose of learning a trade of journeyman and is not registered in an apprenticeship program recognized by the New Mexico state apprenticeship council.  
[14.6.6.7 NMAC - Rp, 14.6.6.7 NMAC, 4/1/2016]  
[See Sections 60-13-2 and 3 of the act.]

**14.6.6.8 GENERAL INFORMATION:**

- A.** Any license issued pursuant to the CILA and Title 14 NMAC authorizes contracting in the activities covered by the classification(s) of the issued license only. Work performed outside that scope constitutes a violation of the act and these rules and constitutes grounds for disciplinary action.
- B. Bidding as a prime contractor:**
  - (1)** A validly licensed person may bid and contract as the prime contractor of a project only if the major portion of the work, based on dollar amount, is authorized by the classification of the prime contractor's license. Any work outside the scope of the prime contractor's license classification(s) must be subcontracted.

(2) A GB-98 contractor may bid and contract and contract as the prime contractor of a project that involves work authorized by the GB-98 license certification, regardless of the percentage of work in the mechanical/plumbing or electrical trades. The work outside the scope of the prime contractor's license classification(s) must be subcontracted to an entity validly licensed in the appropriate classification(s).

(3) A GB-98 contractor may not bid and contract as the prime contractor of an entire project if the major portion of the work to be performed, based on dollar amount, is covered by the scope of any GA or any of the following GF classifications: GF-1, GF-2, GF-3, GF-4, GF-6, GF-8, and GF-9.

C. Any work subcontracted by a prime contractor must be performed by an entity that is validly licensed in the classification(s) of the work that is to be subcontracted.

D. Any license issued in a classification that is subsequently discontinued, shall be renewed under that classification until the license becomes invalid. When a license issued in a discontinued classification becomes invalid, the entity that held that license will be required to apply for a new license in the appropriate classification in effect at the time of the application in order to be validly licensed to engage in contracting in the state of New Mexico. Such an applicant will be required to satisfy all requirements for licensure as provided in the CILA and Title 14 NMAC.

[14.6.6.8 NMAC - Rp, 14.6.6.8 NMAC, 4/1/2016]

#### 14.6.6.9 GENERAL CONSTRUCTION CLASSIFICATIONS:

A. **General information.** Any trade or classification not listed below that is regulated by the division may be issued as a GS-29.

B. **GA Asphalt, bitumen and concrete construction:** Applies to surfaces used by vehicular traffic, not airborne craft.

(1) **GA-1 Streets, roads and highways, including tunnels, parking lots, alleys, seal coat and surfacing.** Requires two years experience. Clear, align, fill, compress, compact, build up or remove earth and do all work necessary to prepare, within the assigned rights-of-way, the land to accept a street, road, highway, including tunnels, parking lots, alleys or driveways, including curbs, gutters, culverts, public sidewalks. Place and finish concrete or bituminous materials and apply sealcoat. This classification includes the scopes of work authorized by GA-2 and GA-3.

(2) **GA-2 Maintenance and repair.** Requires two years experience. Fix, maintain, repair, patch, mend, cover, fill or replace materials of like substances to that being repaired on streets, roads, highways, parking lots, driveways and alleys. Apply seal coat to driveways and parking lots. Install rumble strips.

(3) **GA-3 Curbs, gutters and driveway culverts.** Requires two years experience. Form, place and finish concrete curbs, gutters, culverts, public sidewalks and bituminous ridge curbs for the deflection of water.

(4) **GA-4 Striping.** Requires two years' experience. Paint directional stripes on paved roads, streets, highways, alleys and parking lots. Install auto parking bumpers or stops and highway lane markers/reflectors.

(5) **GA-5 Highway signs and guard rails.** Requires two years experience. Erect and stabilize signs and guard rails along public highways, streets, roads and alleys, which are used for the direction and safety of vehicular traffic. Electrical signs must be installed by a properly licensed electrical contractor.

(6) **GA-98 Asphalt, bitumen and concrete construction.** Requires licensure in classifications GA-1 through GA-5; and covers all work authorized in those classifications.

C. **Residential and commercial building.**

(1) **GB-2 Residential.** Requires two years experience. Erect, alter, repair or demolish homes, residences and apartment houses accommodating not in excess of four family units, Groups R-1 and R-3, as those groups are defined in 14.7.3 NMAC. May also bid and contract for items included in Group U, as defined in 14.7.3 NMAC, when incidental to these structures. Includes all work described by the GS specialty classifications, provided the work is limited to residential construction as defined under this provision.

(2) **GB-98 General building.** Requires four years experience. Erect, alter, repair or demolish residential and commercial buildings, and certain structures. Includes all work authorized by the GB-2 and GS specialty classifications, GF-5, GF-7 classifications, seal coating and striping of driveways and parking lots.

D. **Fixed works.** Authorized to construct, alter or repair fixed works facilities; provided, however, that work in any trade or craft that is authorized by any one, or a combination of, the mechanical, electrical, general building or LP Gas classifications must be performed by an entity validly licensed in the appropriate classification. Except as may be expressly provided in a specific classification description, fixed works classifications may not construct buildings that are primarily for the use and occupancy of the general public, but may bid and contract for

such buildings when they are incidental to a fixed works project, pursuant to Subsection B of 14.6.6.8 NMAC, above.

(1) **GF-1 Airports.** Requires two years experience. Construct, alter and repair airports, including marking, excavating, grading, surfacing and sub surfacing (dirt or bitumen and concrete), compacting and other work on surfaces to be used for aircraft traffic, landing, take-off and taxi.

(2) **GF-2 Bridges.** Requires two years experience. Erect, construct, alter, repair or demolish any bridge, overpass or underpass, culvert and ramp, generally used for vehicular traffic.

(3) **GF-3 Canals, reservoirs, irrigation systems.** Requires two years experience. Construct, erect, alter, repair, or demolish canals, reservoirs or irrigation systems, including pivot irrigation systems. May excavate, ditch, fill, compact and place pre-cast components, waterproof membranes and liners, concrete reinforcement, abutments and buttresses in connection therewith. May install tanks, pumps, pipelines and substations incidental to the project.

(4) **GF-4. Drainage or flood control systems.** Requires two years experience. Construct, erect, install, repair and alter drainage or flood control systems. May dig, excavate, fill, prepare embankments for such purposes, place pre-cast components, concrete reinforcement and perform all other work incidental to these projects. May install storm sewers, including trenching, boring, shoring, backfilling, compacting, and paving.

(5) **GF-5 Recreation areas.** Requires two years experience. Construct, prepare, clear, repair or alter facilities for use as recreation areas, including but not limited to golf courses, tennis courts, playgrounds, outdoor athletic facilities, miniature golf courses, pitch-and-putt golf courses. May prepare the area by excavation, fill, including foundations, retaining walls, sprinkler systems, rest benches, shade and rain shelters. Also includes public campgrounds and parks, including toilet facilities and lean-tos.

(6) **GF-6 Railroad and tunnel construction.** Requires two years experience. Construct railroad lines, including clearing, filling, shaping, compacting, placing rip-rap, stabilizing, setting roadbeds, ties, tie plates, rails, rail connectors, frogs, switch plates, switches, and all appurtenances necessary for an operational railroad line, including bridges, culverts, tunnels, retaining walls, dikes, gates, tool sheds and landing or parking platforms for equipment. Includes welding operations necessary for rail construction.

(7) **GF-7 Tanks and towers.** Requires two years experience. Fabricate and install tanks for the storage of solids or liquids, above or below ground, and towers such as radio and microwave towers, including all necessary site-work, excavation and the construction of concrete pads and foundations, cutting, welding, placement of structural members, engineered structural support systems for elevated tanks, and engineered or prefabricated towers. Includes the repair, cleaning, and placement of liners in tanks, and incidental fencing and buildings.

(8) **GF-8 Transmission lines, tanks and substations (non-electrical).** Requires two years experience. Build, construct and place lines for the transmission or conveyance of petroleum and other fluid substances, including the application of protective coatings, trenching, boring, shoring, backfilling, compacting, paving and surfacing necessary and incidental to the completion of the installation of such facilities. Includes incidental buildings, tanks, and substations required for the project.

(9) **GF-9 Utility lines and systems (sewage, water, natural gas and underground telephone cables).** Requires two years experience. Construct, install, alter or repair utility lines and utility systems for the transmission of sewage, natural gas and water, including excavating, grading, trenching, boring, shoring, backfilling, compacting, paving and surfacing. Includes tanks necessary to the project. Construct, alter, or repair treatment plants and facilities incidental thereto. Install direct burial telephone or data cable and vaults as directed by the telephone utility. May not perform installation of electrical raceways, splicing, termination, installation of load pots, overhead cabling work, or other activities considered under the scope of the ES-7, EL-1 or EE-98 electrical classifications.

(10) **GF-98 Construct, alter or repair fixed works facilities.** Requires four years experience. Requires licensure in classifications GF-1 through GF-9 and covers all work described in these classifications.

**E. Specialty classifications.** General construction includes numerous specialties. Therefore, CID has established the GS classification series to enable entities that perform this kind of work to be licensed in their respective areas of expertise. The most common of these specialties are described below.

(1) **GS-1 Acoustical insulation and insulation.** Requires two years experience. Install any insulating material, including urethane foam and approved waterproof membranes and coatings, in or on buildings, structures and on piping for the purpose of energy conservation, temperature and sound control, and fireproofing. Does not include the installation of urethane roof systems.

(2) **GS-2 Awnings and canopies.** Requires two years experience. Construct, erect and install awnings and canopies, attached to buildings and structures or free standing, including, but not limited to carports and service station canopies, and including necessary excavation and foundation work. All electrical work shall be performed by a properly licensed electrical contractor.

(3) **GS-4 Concrete, cement, walkways and driveways.** Requires two years experience practical trade experience, one year of which must be foreman level. Mix, pour, place, and finish concrete, including all necessary preparatory work including excavation, form work, and placing of reinforcement materials. Includes curbs, gutters, sidewalks, and driveway culverts installed on private property, may not perform this work in public rights-of-way.

(4) **GS-5 Demolition.** Requires two years experience. Demolish all or any portion of a building and certain structures, including such demolition to portions of buildings and structures as to permit additions and alterations to the remaining portions of the building and structure.

(5) **GS-7 Drywall installation and texture.** Requires two years experience. Install gypsum wallboard, gypsum sheathing, taping, bedding and coating the surfaces of the wallboard and sheathing with gypsum joint systems, tape and drywall mud, or a combination of other materials to create a permanent surface of coating. Includes texturing of walls and ceilings. May install steel or wood stud systems (non-structural) and channel iron work to provide a base for the application of drywall.

(6) **GS-8 Earthmoving, excavating and ditching.** Requires two years experience. Perform earthwork, using hand or power tools, machines that use air, fluids, or other material under pressure, or heavy equipment, in such a manner that cutting, filling, excavating, grading, trenching, backfilling, boring and any similar excavating activity can be executed. Includes the use of explosives for such purposes and may be subject to certain restrictions.

(7) **GS-9 Elevators, escalators, and related machinery (non-electrical).** Requires two years experience. Erect, install or repair elevators, escalators and related machinery, including sheave beams, sheaves, cable and wire rope, guides, cab, counterweights, doors, including sidewalk elevators, automatic and manual controls, signal systems and all other devices, apparatus, machinery and equipment (including fabrication on job site) essential to the safe and efficient installation and operation of electrical, hydraulic and manually operated elevators and escalators and conveyors designed specifically for the transportation of people.

(8) **GS-13 Framing.** Requires two years experience. Cut, join and install wood, and wood and metal products for the framing of a structure or building, including bearing and non-bearing walls, rafters, headers, trusses, joists, studs, door and window rough frames, and roof decks, including repair to any of the above.

(9) **GS-14 Windows, doors and skylights.** Requires two years experience. Fabricate and install windows and doors in buildings and structures, including the necessary installation of window and door framing, and the installation of necessary hardware. Cut, assemble and install glass work, and execute the glazing of frames, panels, sash and doors. Fabricate and install storm doors, windows, and skylights including flashing. Does not include structural alterations to enlarge any opening.

(10) **GS-15 Caissons, piers and pile driving.** Requires two years experience. Install piers, caissons and pilings through the use of pile driving equipment and machinery, including necessary excavation, grading and clearing for site preparation for pile driving activities. Cut, weld, join and fabricate caissons or piles. Install all necessary concrete and reinforcing steel within the caissons to create a structural member.

(11) **GS-16 Masonry.** Requires two years experience. Install or erect brick and other baked clay products, rough cut and dressed stone, artificial stone and pre-cast blocks, structural glass brick or block adobe, laid at random or in courses, with or without mortar, to form masonry walls, anchored stone or masonry veneer, including building walls, freestanding walls six feet or higher and retaining walls. Does not include the execution, fabrication and erecting of poured cement and concrete, except as a foundation for a wall.

(12) **GS-21 Roofing.** Requires two years experience. Install, alter or repair roof systems on existing roof decks to create a weatherproof waterproof protective membrane, with or without insulation, using asphalt, pitch, tar, sealants, felt, shakes, shingles, roof tile, slate, urethane or any other approved materials including the preparatory work necessary to bring such surfaces to a condition where roofing can be installed, and sealed or repaired. Includes cutting, shaping, fabricating, and installing of sheet metal such as cornices, flashing, skylights excluding structural framing, roof coatings, gutters, leaders, rainwater downspouts, pans, prefabricated chimneys, at or near roof lines, metal flues, or doing any part of any combination thereof, which relate to and are incidental to the principal contracting business of installing roofing.

(13) **GS-23 Sign construction (non-electrical).** Requires two years experience. Fabricate, install and erect signs of wood, steel, plastic or any material, or any combination of materials, which are to be embedded in the earth, in concrete or other base material, or attached to buildings or structures using anchors,

attached cables, bars or similar devices and appurtenances. Electrified signs may be installed by contractors holding ES-1 without being classified hereunder.

(14) **GS-24 Structural steel erection.** Requires two years experience. Fabricate and erect structural steel shapes and plates, of any profile, perimeter or cross-section that may be used as structural members for buildings and structures, including riveting and welding. Does not include construction of concrete foundations or complete buildings.

(15) **GS-25 Swimming pools (non-mechanical/electrical).** Requires two years experience. Construct and repair swimming pools including excavation, installation of reinforcing steel or mesh, application of concrete and special coatings. May not perform any trade or craft which is authorized by any mechanical, electrical or LP Gas classification.

(16) **GS-30 Plastering, stucco and lathing.** Requires two experience. Prepare wall and ceiling surfaces, interior or exterior, with wood, metal lath, wallboard or other properly prepared surfaces which will accept and hold a mixture of sand, plaster (including gypsum plaster), lime and water, or sand and cement with water or any combination of materials to create a permanent surface coating. These coatings may be applied manually or mechanically on surfaces which will support such coating. May install steel or wood stud systems (non-structural), channel iron work and affix lath or any other materials or products, prepared or manufactured to provide a base for such coatings.

(17) **GS-31 Siding.** Requires two years experience. Apply siding consisting of slate, gypsum, wood, plastics or other products, including the application of furred up networks on which the siding can be installed. May not install or paint doors or windows.

(18) **GS-32 Miscellaneous sheet metal.** Requires two years experience. Fabricate and install sheet metal (galvanized iron) such as cornices, flashing, gutters, leaders, rainwater downspouts, pans, and prefabricated chimneys. May not install heating, ventilation & air conditioning (HVAC) duct systems, vents, grease hoods, or other appurtenances that are authorized by any mechanical classification.

(19) **GS-34 Concrete coring, drilling and slab sawing.** Requires two years experience. Coring, boring, drilling, cutting, and sawing concrete, including the removal or demolition of the material. Does not include the installation of wiring or plumbing in such bored, drilled, cut or sawed concrete.

(20) **GS-29 specialties.** The GS-29 classification is a sub-category of the specialty classification. It is a miscellaneous classification that is used to identify uncommon specialties on a case-by-case basis. Requires two years experience.

[14.6.6.9 NMAC - Rp, 14.6.6.9 NMAC, 4/1/2016]

#### **14.6.6.10 ELECTRICAL CLASSIFICATIONS:**

##### **A. General information.**

(1) A journeyman certificate of competence in the appropriate trade classification for the work to be performed is required of all individuals performing electrical wiring; provided however, that an apprentice, as defined in Section 60-13-2 NMSA 1978, may work under the direct supervision of a validly certified journeyman, as defined in Section 60-13-2 NMSA 1978, who is employed by a validly licensed person, as defined in Section 60-13-2 NMSA 1978, or a holder of a valid annual permit. Journeyman certifications shall be issued such that the certificates parallel the electrical license classification numbers and scopes. Ratio of unregistered apprentices. The ratio of certified journeyman to unregistered apprentices must not exceed:

(a) one journeyman to two unregistered apprentices on commercial or industrial work;

(b) one journeyman to two unregistered apprentices on commercial or industrial special systems low-voltage work;

(c) one journeyman to three unregistered apprentices on residential work.

(2) Conduit installation: All conduit installations within, or on, buildings shall be performed by a contractor holding an EE-98 license, except where ER-1 licensees and journeymen are installing conduit that is incidental to residential wiring. Specialty electrical license holders (ES-1, 2, 3, and 7) shall not install conduit within, or on, buildings.

(3) Electrical contracting defined: The definition of contracting is set forth in Section 60-13-3 of the CILA, and nothing in this rule shall be construed to conflict with that definition. However, for the purposes of clarity in this rule, contracting is understood to include installations, alterations, repairs, servicing and maintenance involving electrical work.

(4) Electrical customer-owned distribution systems are subject to all adopted codes, standards, and regulations. Customer-owned distribution systems include all (non-utility owned or operated)

overhead or underground primary or secondary voltage electrical power line construction, installation, alteration, repairs, and maintenance.

**B. License classifications.**

**(1) Residential and commercial.**

**(a) EE-98 Residential and commercial electrical wiring 5000 volts, nominal or less.** Requires four years experience. Includes all electrical wiring operating at 5000 volts, nominal, or less, electrical wiring identified in electrical specialty classifications ES-1, ES-2, ES-3 and ES-7, residential electrical wiring identified in classification ER-1, and only trenching and ductwork associated with classification EL-1. Does not include electrical wiring defined in the EL-1 classification other than trenching and duct work as specified above. May bid and contract as the prime contractor of an entire project provided the electrical contractor's portion of the contract, based on dollar amount, is the major portion of the contract.

**(b) ER-1 Residential electrical wiring.** Requires two years experience. Includes one and two-family dwelling units and multi-family dwellings when all such units are all on the ground floor with no occupancies above or below, as set forth in 14.10.4 NMAC. May not install wiring for commercial use, such as motels, hotels and similar occupancies. May not contract for more than four dwelling units in any single building or structure.

**(c) EL-1 Electrical distribution and transmission systems over 5000 volts, nominal.** Requires four years experience. Includes all electrical wiring operating at over 5000 volts, nominal, including overhead or underground electrical distribution and transmission circuits, equipment, associated towers, tower foundations and other supporting structures, trenching and ductwork and sub-stations and terminal facilities. Does not include any electrical wiring specified on other electrical classifications EE-98, ER-1, ES-1, ES-2, ES-3 or ES-7.

**(2) Specialty licenses.**

**(a) ES-1 Electrical signs and outline lighting.** Requires two years experience. Electrical signs and outline lighting, including electrical wiring to connect signs installed where a "sign circuit" has been provided within 10 feet, and concrete for the foundation of poles, and build structures for the support of such signs. Outline lighting is an arrangement of incandescent lamps or gaseous tubes to outline and call attention to certain features such as the shape of a building or the decoration of a window and may or may not contribute to the general illumination of an area.

**(b) ES-2 Cathodic protection and lightning protection systems.** Requires two years experience. Electrically activated systems to prevent galvanic damage to metallic pipelines or structures, usually underground and electrical work involved in the equipment for connection rectifier systems. Also includes lightning protection systems. May not install the service riser, main service or service grounding.

**(c) ES-3 Low voltage special systems (under 50 volts).** Requires two years experience. Public address or other sound, voice communication systems normally involving low energy signal circuits. Also, electrical burglar and fire alarm systems, computer data systems, one and two-family and multifamily dwelling telephone systems and cable TV systems normally involving coaxial cable for the purpose of transmitting radio frequency (RF) signals and other intelligence by wire and cable. Includes other low voltage specialty systems such as, but not limited to, door and gate operated control circuits, and temperature control circuits. An installer of television receive-only (TVROs) (dishes) is not required to have a contractor's license when the installation is in a single-family dwelling and does not require the use of 120 volts for tracking.

**(d) ES-7 Telephone communication systems.** Requires two years experience. In-plant and out-plant telephone systems, telephone interconnections in public or privately owned buildings, computer data systems and underground cables or aerial supporting structures, trenching, duct work, terminal facilities, repeaters, including the installation of instruments at their terminating locations. Interior wiring of a building housing any of the above equipment requires an EE-98 classification. Note: Refer to GF-9 classification for additional underground telephone cable installations. The GF-9 classification does not include electrical raceway installation.

**(e) ES-10R Residential water well pump installer.** Requires two years experience. This classification covers residential water well pumps, 120/240 volts or less, single phase 15 HP or less. Install, maintain, repair or replace electrical equipment, wiring, and accessories used in connection with water well pump systems, including single phase variable frequency drives. Also includes subpanels, luminaires, and receptacle outlets installed within the well pit or well enclosure. Branch circuit or feeder conductors from the service equipment or panel board to the well pump location. Incidental excavation, trenching and solar photovoltaic arrays 5 kW or less when dedicated to pumping equipment. This classification does not include systems over 240 volts, pumps over 15 HP, electrical services, building wiring or any other electrical wiring.

(f) **ES-10 Water well pump installer.** Requires two years experience. This classification covers residential and commercial water well pumps, 600 volts or less, single or three phase. Install, maintain, repair or replace electrical equipment wiring and accessories used in connection with water well pump systems, including variable frequency drives. Also includes subpanels, luminaires, and receptacle outlets installed within the well pit or well enclosure, branch circuit or feeder conductors from the service equipment or panel board to the well pump location. Incidental excavation, trenching and solar photo-voltaic arrays 5 kW or less when dedicated to pumping equipment. This classification does not include systems over 600 volts, electrical services, building wiring or any other electrical wiring.

**C. Journeyman classifications.**

(1) **EE-98J. Journeyman residential and commercial electrical.** Requires four years experience.

(2) **ER-1J. Journeyman residential wiring.** Requires two years experience.

(3) **EL-1J. Journeyman electrical distribution systems, including transmission lines.** Requires four years experience.

(4) **ES-1J Journeyman electrical signs and outline lighting.** Requires two years experience.

(5) **ES-2 Journeyman cathodic protection and lightening protection systems.** Requires two years experience.

(6) **ES-3J. Journeyman sound, intercommunication, electrical alarm systems, and systems 50 volts and under.** Requires two years experience.

(7) **ES-7J Journeyman telephone communication systems and telephone interconnect systems.** Requires two years experience.

(8) **ES-10RJ Journeyman residential water well pump installer.** Requires two years experience.

(9) **ES-10J Journeyman water well pump installer.** Requires two years experience.

[14.6.6.10 NMAC - Rp, 14.6.6.10 NMAC, 4/1/2016]

**14.6.6.11 MECHANICAL AND PLUMBING CLASSIFICATIONS:**

**A. General information.**

(1) A journeyman certificate of competence in the appropriate trade classification for the work to be performed is required of all individuals performing mechanical and plumbing work; provided however, that an apprentice, as that term is defined in Section 60-13-2 NMSA 1978, may work under the direct supervision of a validly certified journeyman, as that term is defined in Section 60-13-2 NMSA 1978, who is employed by a validly licensed person, as that term is defined in Section 60-13-2 NMSA 1978, or a holder of a valid annual permit. Journeyman certifications shall be issued such that the certificates parallel the mechanical and plumbing license classification numbers and scopes. Ratio of unregistered apprentices. The ratio of certified journeyman to unregistered apprentices must not exceed:

(a) one journeyman to two unregistered apprentices on commercial or industrial work;

(b) one journeyman to three unregistered apprentices on residential work.

(2) The definition of contracting is set forth in Section 60-13-3 NMSA 1978 and nothing in this rule shall be construed to conflict with that definition. However, for the purpose of clarity in this rule, contracting is understood to include installations, alterations, repairs, servicing and maintenance involving plumbing or mechanical work.

(3) The definitions of plumbing, fixtures and gas fitting as set forth in Section 60-13-32 NMSA 1978 should be referenced when reading these classifications.

**B. License classifications. Residential and commercial.**

(1) **MM-1. Plumbing.** Requires four years experience. Install, alter, repair and service plumbing fixtures, and piping, including pneumatic or electric controls and control wiring not greater than 24 volts, concrete supports, and excavating, trenching and backfilling. Includes hot water heating systems not exceeding 30 p.s.i. or 400,00 b.t.u./hour input; piping for fuel, oil and gasoline and for solar energy systems; septic tanks, manholes and sewer lines; irrigation sprinkler systems; swimming pools and spas. Does not include installation of natural gas fired appliances or natural gas piping.

(2) **MM-2 Natural gas fitting.** Requires four years experience. Install, alter, repair and service natural gas piping and fittings and incidental controls and control wiring, pneumatic control systems, excavating, trenching and backfilling. Includes installation of hot water systems exceeding 30 p.s.i. or 400,000

b.t.u./hour input; steam and hot water boilers; and warm air heating systems such as chimney connections, flues, refractories, burners, fittings valves, thermal insulation, accessories and incidental piping; warm air appliances and other listed gas appliances. May not install LP Gas systems.

(3) **MM-3 Heating, ventilation & air conditioning (HVAC).** Requires four years experience. Install, alter, repair and service HVAC air handling and refrigeration equipment and piping, including fans, coils, condensing units, self-contained packaged air conditioning or heating units, evaporative cooling units, solar energy systems, ductwork and pneumatic tube systems. May connect water to existing valved outlets, and install controls, and control wiring not to exceed 24 volts. May bid and contract for structural alterations, painting, electrical wiring and other work incidental to this scope of work, provided such work is performed by a properly licensed contractor.

(4) **MM-4 Heating, cooling and process piping.** Requires four years experience. Install, alter, repair and service hydronic heating, cooling and process piping for steam hot water systems of any temperature pressure range, chilled water systems, condensing water systems and process piping systems. Includes pressure vessels, heat exchangers, boilers, refrigeration water chillers, cooling towers, fuel oil tanks and fuel oil piping, and pneumatic or electric controls and control wiring not to exceed 24 volts. Install high pressure and process piping solar energy systems of any temperature or any pressure conveying gas or fluids other than potable water, and pneumatic tube systems.

(5) **MM-98 Mechanical.** Requires four years experience. Requires licensure in classifications MM-1 through MM-4 and covers all work described in these classifications, as well as work described in the MS-3, MS-6, MS-12 and MS-14.

**C. Specialty classifications:**

(1) **MS-3 Septic tanks & sewer.** Requires two years experience. Install, alter, repair or service septic tanks and systems, manholes and sewer lines, starting at a point five feet beyond the outside wall of a building and ending at a connection to a public or private utility. May excavate, trench, backfill and grade as necessary, and install or repair plug-in type electrical control panels, controls and control wiring not to exceed 24 volts.

(2) **MS-6 Lawn sprinklers.** Requires two years experience. Install, alter, repair or service sprinkler systems which are connected to a potable water supply. May excavate and backfill as necessary and install or repair plug-in type electrical control panels, controls and control wiring not to exceed 24 volts.

(3) **MS-12 Fire protection sprinkler systems.** Requires four years experience. Install alter, repair or service fire protection systems using water, including any pressure or storage tanks required, controls and control wiring up to 24 volts. May excavate and backfill and install piping from structure to off-premise water supply adjacent to property involving a fire protection system. May bid or contract for structural alterations, painting, electrical wiring, etc., incidental to the system installation, provided such work is performed by a properly licensed contractor.

(4) **MS-14 Dry chemical fire protection.** Requires four years experience. Install, alter, repair or service fire protection systems using gas or chemical, including carbon dioxide (CO), clean agent. Includes pressurized storage tanks, valves, temperature sensing devices and other incidental control wiring up to 24 volts. May install solenoid or shut-off valve devices in these systems. May bid or contract for structural alterations, painting, electrical wiring, etc., incidental to the system installation, provided such work is performed by a properly licensed contractor.

**D. Journeyman classifications.** Requires two years experience.

(1) **JP journeyman plumber.**

(2) **JPF journeyman pipe fitter.**

(3) **JG journeyman natural gas fitter.**

(4) **JPG journeyman plumber and natural gas fitter.**

(5) **JR journeyman refrigeration.** Must demonstrate compliance with environmental protection agency (EPA) recovery requirements before certificate may be issued.

(6) **JS journeyman sprinkler.**

(7) **JSM journeyman sheet metal.**

(8) **JW journeyman welder.** Must obtain either a JP or JG or JPG or JSM certification and show American society of mechanical engineers (ASME) section 9 certification. Is not required to test separately for this certificate of competence.

(9) **JMG journeyman medical gas installer.** Must obtain either JP, JG, JPG or JPF certification and show approved medical gas certification as referenced in 14.9.5 NMAC.

(10) **BO1 journeyman boiler operator. Low pressure only.**



- (11) **BO2 journeyman boiler operator. Low and high pressure.**
- (12) **MS-12J journeyman fire protection sprinkler systems.** Requires four years experience.
- (13) **MS-14J journeyman dry chemical fire protection.** Requires four years experience.

[14.6.6.11 NMAC - Rp, 14.6.6.11 NMAC, 4/1/2016]

**History of 14.6.6 NMAC:**

**Pre-NMAC History:**

Material in this part was derived from that previously filed with the commission of public records - state records center and archives as:

- CIC 70-2, General Construction Classifications, filed 11-25-70;
- CIC 72-4, General Construction Classifications, filed 02-16-72;
- CIC 76-2, Rules And Regulations, filed 05-05-76;
- CID 78-2, Rules And Regulations, filed 12-05-78;
- CID 79-1, Rules And Regulations, filed 06-06-79;
- CID 82-1, Construction Industries Rules And Regulations, filed 04-14-82;
- CID 85-1, Construction Industries Rules And Regulations, filed 02-04-85;
- CID 90-1, Construction Industries Rules And Regulations, filed 05-31-90.

**History of Repealed Material:**

- 14 NMAC 5.6, Housing and Construction - Construction Industries General Provisions - Classifications and Scopes (filed 9/2/1997), repealed effective 12/1/2000.
- 14.5.6 NMAC, Housing and Construction - Construction Industries General Provisions - Classifications and Scopes (filed 10/16/2000), repealed 7/1/2004.
- 14.6.6 NMAC, Housing and Construction - Construction Industries Licensing - Classifications and Scopes (filed 5/27/2004), repealed 2/1/2006.
- 14.6.6 NMAC, Housing and Construction - Construction Industries Licensing - Classifications and Scopes (filed 1/3/2006), repealed 1/1/2014.
- 14.6.6 NMAC, Housing and Construction - Construction Industries Licensing - Classifications and Scopes (filed 12/2/2013), repealed 4/1/2016.

**Other History:**

- That portion of CID 90-1, Construction Industries Rules And Regulations, filed 05-31-90 - renumbered, reformatted and amended to 14 NMAC 5.6, Housing and Construction - Construction Industries General Provisions - Classifications And Scopes, effective 9/14/1996.
- 14 NMAC 5.6, Housing and Construction - Construction Industries General Provisions - Classifications And Scopes (filed 9/03/1996) replaced by 14 NMAC 5.6, Housing and Construction - Construction Industries General Provisions - Classifications and Scopes, effective 9/23/1997.
- 14 NMAC 5.6, Housing and Construction - Construction Industries General Provisions - Classifications and Scopes, filed 9/2/1997 replaced by 14.5.6 NMAC, Housing and Construction - Construction Industries General Provisions - Classifications and Scopes, effective 12/1/2000.
- 14.5.6 NMAC, Housing and Construction - Construction Industries General Provisions - Classifications and Scopes (filed 10/16/2000), replaced by 14.6.6 NMAC, Housing and Construction - Construction Industries Licensing - Classifications and Scopes, effective 7/1/2004.
- 14.6.6 NMAC, Housing and Construction - Construction Industries Licensing - Classifications and Scopes (filed 5/27/2004), replaced by 14.6.6 NMAC, Housing and Construction - Construction Industries Licensing - Classifications and Scopes, effective 2/1/2006.
- 14.6.6 NMAC, Housing and Construction - Construction Industries Licensing - Classifications and Scopes (filed 1/3/2006), replaced by 14.6.6 NMAC, Housing and Construction - Construction Industries Licensing - Classifications and Scopes, effective 1/1/2014.
- 14.6.6 NMAC, Housing and Construction - Construction Industries Licensing - Classifications and Scopes (filed 12/2/2013), replaced by 14.6.6 NMAC, Housing and Construction - Construction Industries Licensing - Classifications and Scopes, effective 4/1/2016.