

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, 3/10/2022]

14.6.6.2 SCOPE: This rule applies to any person who engages in contracting pursuant to the Construction Industries Licensing Act (CILA) Section 60-13-3NMSA 1978, in New Mexico.
[14.6.6.2 NMAC - Rp, 14.6.6.2 NMAC, 3/10/2022]

14.6.6.3 STATUTORY AUTHORITY: Section 60-13-9 NMSA 1978.
[14.6.6.3 NMAC - Rp, 14.6.6.3 NMAC, 3/10/2022]

14.6.6.4 DURATION: Permanent.
[14.6.6.4 NMAC - Rp, 14.6.6.4 NMAC, 3/10/2022]

14.6.6.5 EFFECTIVE DATE: March 10, 2022, unless a later date is cited at the end of a section.
[14.6.6.5 NMAC - Rp, 14.6.6.5 NMAC, 3/10/2022]

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, 3/10/2022]

14.6.6.7 DEFINITIONS: See Section 60-13-3 NMSA 1978 and 14.5.1.7 NMAC for definitions.
[14.6.6.7 NMAC - Rp, 14.6.6.7 NMAC, 3/10/2022]
[See Sections 60-13-2 and 3 NMSA 1978 of the act.]

14.6.6.8 GENERAL INFORMATION:

A. Any license issued pursuant to the CILA and Title 14 NMAC authorizes contracting only in the scope of work authorized by the classification(s) of the issued license- Work performed outside that scope constitutes a violation of the CILA and its 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 to a validly licensed contractor.

(2) A GB-98 contractor may bid and contract as the prime contractor of a mechanical, plumbing or electrical project as determined in Paragraph (1) above that includes work authorized by the GB-98 license_classification, regardless of the percentage of GB-98 work. 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 shall 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 classification or any of the following GF classifications: GF-1, GF-2, GF-3, GF-4, GF-6, GF-8, and GF-9.

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

D. Contractors are assigned identifying symbols, as letters and numbers, indicating the license classification in which the licensee is authorized to engage.

(1) The field is designated by a letter and shall be the first letter of the identifying symbol, for example:

(a) G indicates General Construction.

(b) E indicates Electrical.

(c) M indicates Mechanical/Plumbing.

(2) The type of work designation shall be the second letter of the identifying symbol, for example

- (a) A indicates asphalt.
- (b) B indicates building.
- (c) F indicates fixed works.
- (d) S indicates specialties.

(3) The number following the letters designates the specific trade, for example: Classification GB-2 indicates the contractor is licensed in the General Construction field (G), Building Construction type of work (B), Residential Building (2).

[14.6.6.8 NMAC - Rp, 14.6.6.8 NMAC, 3/10/2022]

14.6.6.9 GENERAL CONSTRUCTION CLASSIFICATIONS:

A. GA. Asphalt, bitumen and concrete construction: Applies to surfaces used by vehicular traffic, not airborne craft; construction or maintenance of unpaved private rural roads or rural unpaved parking areas that are located on private property not intended for use by the general public and for which there is no public access is exempt from licensing requirements.

(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 streets, roads, highways including culverts and tunnels, and alleys; includes parking lots, sidewalks or driveways; 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 with materials of like substances to that currently existing on streets, roads, highways, parking lots, driveways, sidewalks 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, driveway 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.** Indicates licensure in classifications GA-1 through GA-5; and covers all work authorized in those classifications.

B. Residential and commercial building.

(1) **GB-2. Residential.** Requires two years' of foreman level practical or related trade experience. Erect, alter, repair or demolish residences and apartment houses accommodating not more than four family units, Groups R-1, R-2 and R-3, as those groups are defined in 14.7.2 NMAC; items included in Group U, as defined in 14.7.2 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 of foreman level practical or related trade experience of which at two years must be commercial experience. Erect, alter, repair or demolish residential and commercial buildings, and certain structures; includes all work authorized by the GB-2, GF-5, GF-7 and GS classifications; seal coating and striping of driveways and parking lots; excludes those structures covered by the EE, MM, GA or GF classifications.

C. Fixed works. Construct, alter or repair fixed or public works facilities; provided, however, that work in any trade or craft that is authorized by any one, or a combination of, the mechanical, electrical, or 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 licensees 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; however, such work must be subcontracted pursuant to Subsection B of 14.6.6.8 NMAC, above. Incidental storage buildings used exclusively for storage and not for occupancy are allowed within these classifications.

(1) **GF-1. Airports.** Requires two years' experience. Construct, alter and repair airports, including excavating, grading, compacting, sub-surfacing, surfacing (dirt or bitumen and concrete), marking 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 or ramp, generally used for vehicular traffic.

(3) **GF-3. Canals, reservoirs, dams and irrigation systems.** Requires two years' experience. Construct, erect, alter, repair, or demolish canals, dams, reservoirs irrigation systems; excavate, ditch, fill, compact and place pre-cast components, waterproof membranes and liners, concrete reinforcement, abutments and buttresses in connection therewith; install tanks, pumps, pipelines and substations incidental to the project; irrigation activities and piping when applicable solely to the production of agriculture or maintenance of livestock on a farm or ranch, excluding electrical work, are exempt from licensing requirements.

(4) **GF-4. Drainage or flood control systems.** Requires two years' experience. Construct, erect, install, repair and alter drainage or flood control systems; dig, excavate, fill, prepare embankments for such purposes, place pre-cast components, concrete reinforcement and perform all other work incidental to these projects; 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, driving ranges, water parks, tennis courts, playgrounds, outdoor athletic facilities, miniature golf courses, pitch-and-putt golf courses; prepare the area by excavation, fill, including foundations, retaining walls, sprinkler systems, rest benches, shade and rain shelters and foot bridges relative to recreation areas; public campgrounds and parks or similar facilities, 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. Construct or fabricate on site and install tanks for the storage of solids or liquids, above or below ground, and towers such as radio, television and telecommunications towers, including all necessary site-work, excavation and construction of concrete tanks, pads and foundations, cutting, welding, placement of structural members, engineered structural support systems for elevated tanks, and engineered or prefabricated towers; includes the repair and placement of liners in tanks, and incidental storage 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 natural gas or petroleum, water 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; construct, alter or repair industrial plants, including, but not limited to, refineries and power generation plants.

(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 (does not include natural gas on private property or publicly owned property downstream of the meter) and water, including excavating, grading, trenching, boring, shoring, backfilling, compacting, paving and surfacing; includes tanks, pumps, lift-stations and substations incidental to the project; construct, alter, or repair treatment plants and facilities incidental thereto; install direct burial communications cable by trenching, direct plowing or pulling direct burial cable through existing raceways and install vaults as directed by the telecommunications utility; associated excavating, trenching, boring, shoring, backfilling, compacting, paving and surfacing. Shall not perform installation of electrical raceways including directional boring or pipe jacking methods, splicing, termination, installation of load pots, installation of integrated services digital network cross connect equipment, installation of VoIP switching technology equipment, overhead cabling work, or other activities considered under the scope of the ES-7, EL-1, ES-3 or EE-98 electrical classifications.

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

D. General 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. Any classification not listed below and regulated by CID shall be issued a GS-29.

(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; includes all necessary preparatory work including excavation, form work, and placing of reinforcement materials; includes the installation on private property of curbs, gutters, sidewalks, and driveway culverts; may not perform this work in public rights-of-way unless subcontracted to a validly licensed GA licensee.

(4) **GS-5. Demolition.** Requires two years' experience. Demolish all or any portion of a buildings and structures authorized by the GB-98 classification, including demolition to portions of buildings and structures allowing additions and alterations to be completed to the remaining portions of the building or structure.

(5) **GS-7. Drywall installation and texture.** Requires two years' experience. Installation of gypsum wallboard, and gypsum sheathing; includes 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 or coating and of walls and ceilings; 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 associated with or incidental to construction projects regulated by CID, 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; earthmoving, excavating and ditching activities applicable to the preparation and production of agriculture or maintenance of livestock on a farm or ranch are exempt from licensing requirements.

(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 of foreman level practical or related trade experience; cut, join, install wood, metal or other products approved by the division and utilized 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, door and skylight 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; soil stabilization and rock-fall mitigation.

(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 from ground level and retaining walls measuring thirty-six inches or more measured from the bottom of the footing; 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 of foreman level practical or related trade experience. Install, alter or repair roof systems on new or existing roof decks to create a weatherproof and 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 a roof deck or an existing roof 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 alterations to 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 roofing projects.

(13) **GS-23. Sign construction (non-electrical).** Requires two years' experience. Fabricate on site, 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 shall only be installed by contractors holding an ES-1 or an EE-98 classification.

(14) **GS-24. Structural steel erection.** Requires two years of foreman level practical or related trade experience. Fabricate on site 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 authorize construction of concrete foundations or complete buildings.

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

(16) **GS-30. Plastering, stucco and lathing.** Requires two years' 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; install steel or wood or other division approved 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, replace, or repair siding consisting of slate, gypsum, wood, plastics or other products, including the application of furred up networks on which the siding can be installed.

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

(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 electrical wiring or plumbing in such bored, drilled, cut or sawed concrete.

(20) **GS-29. Specialties.** Requires up to four years' experience as determined on a case-by-case basis. The GS-29 classification is a sub-category of the general specialty classifications. It is a miscellaneous classification that is used to identify specific specialties on a case-by-case basis.

[14.6.6.9 NMAC - Rp, 14.6.6.9 NMAC, A, 14.6.6.9 NMAC [3/10/2022] XX/XX/XXXX

14.6.6.10 ELECTRICAL CLASSIFICATIONS:

A. General information. 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.

(1) A journeyman certificate of competence in the appropriate trade classification 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. Journeyman certification shall be issued such that the certificates parallel the electrical license classification numbers and scopes. A journeyman may engage in the trade authorized by the certificate of competence issued to the journeyman only when employed by an entity: (1) that is validly licensed to perform the type of work for which the journeyman is certified; or, (2) holding a valid annual permit authorizing the entity to engage in the type of work for which the journeyman is certified.

(2) The ratio of certified journeyman to apprentices must not exceed:

- (a) one journeyman supervising and overseeing the work of two apprentices on commercial or industrial work;
- (b) one journeyman supervising and overseeing the work of two apprentices on commercial or industrial special systems low-voltage work;
- (c) one journeyman supervising and overseeing the work of three apprentices on residential work.

(3) Raceway installation: All raceway installations within, or on, buildings shall be performed by a contractor holding an EE-98 license. Specialty electrical license holders (ES-1, 2, 3, 7, 10R and 10) shall not install raceways within, or on, buildings.

(a) Exception 1: ER Licensees and journeymen may install raceways that are incidental to residential wiring;

(b) Exception 2: ES-1 licensees and journeymen may install raceways that are required to connect to sign or outline lighting circuit. Not to exceed 10 feet.

(4) Electrical contracting defined: The definition of contracting is set forth in Section 60-13-3 NMSA 1978, 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 systems. Refer to Section 60-13-32 NMSA 1978, for the definition of electrical wiring in reference to these classifications.

(5) 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 and industrial electrical wiring 5000 volts, nominal or less.** Requires four years' experience. Includes all electrical systems and wiring methods operating at 5000 volts, nominal, or less; electrical systems and wiring methods identified in electrical specialty classifications ES-1, ES-2, ES-3 and ES-7 ES-10R, or ES-10 residential electrical systems and wiring methods identified in classification ER-1; trenching and ductwork associated with classification EL-1; associated excavating, trenching, boring, shoring, backfilling, compacting for all electrical systems and wiring methods of 5000 volts, nominal or less. Does not include electrical wiring defined in the EL-1 classification other than trenching and duct work as specified above.

(b) **ER-1. Residential electrical wiring 5000 volts, nominal or less.** Requires two years' experience. Includes electrical systems and wiring methods of 5000 volts, nominal or less at residential one and two-family dwelling units; 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. Does not include 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 systems and wiring methods operating at over 5000 volts, nominal; overhead or underground electrical distribution and transmission circuits; equipment; associated towers, tower foundations and other supporting structures; associated excavating, trenching, boring, shoring, backfilling, compacting and ductwork; sub-stations and terminal facilities. Does not include any electrical wiring specified or other electrical classifications EE-98, ER-1, ES-1, ES-2, ES-3, ES-7, ES-10R or ES-10.

(2) Electrical Specialty licenses.

(a) **ES-1. Electrical signs and outline lighting.** Requires two years' experience. Installation at commercial locations only. Outline lighting is an arrangement of LED, 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. Includes commercial electrical wiring methods of 5000 volts, nominal or less required to complete the installation of the sign or outline lighting where a "sign circuit" or outline lighting circuit has been provided within 10 feet of the roof or wall of the structure supporting the sign or outline lighting; concrete for the foundation of poles; build structures for the support of such signs associated excavating, trenching, boring, shoring, backfilling, compacting; installation of underground electrical wiring methods of 5000 volts, nominal or less required to complete the installation of the "sign circuit" not to exceed 10 feet from the foundation of the sign.

(b) ES-2. Cathodic protection and lightning protection systems. Requires two years' experience. Includes interior and exterior cathodic protection and lightning protection systems at commercial and residential locations; electrical wiring methods of 5000 volts, nominal or less required to complete a cathodic grounding protection system only; electrical wiring methods of 5000 volts, nominal or less required to complete a lightning protection system only. 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. Interior and exterior special systems, cabling and interconnections at commercial and residential locations, privately and publicly [publicly] owned operating at 50 volts or less; includes telecommunications systems; fire alarm systems, CATV systems; audio and visual systems; security systems; door and gate operated control circuits; temperature control circuits, other low voltage specialty systems operating at 50 volts or less; low voltage special systems cables installed in plenum or non-plenum rated walls or ceilings; low voltage special systems cables in existing raceways installed by others as defined at Paragraph (2) of Subsection A of 14.6.6.10 NMAC; direct burial low voltage special systems cables; overhead low voltage special systems cabling to structures; terminations and splicing of low voltage special system conductors; associated excavating, trenching, boring, shoring, backfilling, compacting; installation of underground electrical wiring methods required to complete any of the special systems listed above. 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. Does not include interior or exterior wiring of circuits operating above 50 volts which requires an EE-98 or ER-1 classification.

(d) ES-7. Telephone communication systems. Requires two years' experience. Interior and exterior telecommunications cabling and interconnections at commercial and residential locations, in publicly or privately owned buildings; includes telecommunication cables installed in plenum or non-plenum rated walls or ceilings; telecommunication cables in existing raceways installed by others as defined at Paragraph (2) of Subsection A of 14.6.6.10 NMAC; direct burial telecommunication cables; overhead telecommunication cabling to structures; terminations and splicing of communication conductors; associated excavating, trenching, boring, shoring, backfilling, compacting, installation of underground electrical wiring methods required to complete the installation of telecommunications systems; terminal facilities; installation of integrated services digital network cross connect equipment; installation of VoIP switching technology equipment, repeaters, including the installation of instruments at their terminating locations. Does not include Interior or exterior wiring of circuits operating above 50 volts which requires an EE-98 classification.

(e) ES-10R. Residential water well pump installer. Requires two years' experience. Residential water well pumps, 120/240 volts or less, single phase 15 HP or less. Includes the installation, maintenance, repairing or replacement of electrical equipment, wiring, and accessories directly associated with water well pump systems; single phase variable frequency drives; 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; solar photo-voltaic arrays 5 kW or less when dedicated to pumping equipment; does not include electrical 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. Commercial water well pumps, 600 volts or less, single or three phase. Includes the installation, maintenance, repairing or replacing electrical equipment, wiring, and accessories directly associated with water well pump systems; variable frequency drives; 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 and trenching; solar photo-voltaic arrays 5 kW or less when dedicated to pumping equipment. 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. Can work under EE-98, ER-1 and all electrical specialty licenses. If working under an ER-1 or a specialty license the journeyman holding this certification may perform work only within the scope of the contractor's license.

(2) ER-1J. Journeyman residential wiring. Requires two years' experience. Can work under an EE-98 or an ER-1 license.

(3) EL-1J. Journeyman electrical distribution systems, including transmission lines. Requires four years' experience. Can work under an EL-1 license.

(4) ES-1J. Journeyman electrical signs and outline lighting. Requires two years' experience. Can work under an ES-1 or an EE-98 license.

(5) **ES-2. Journeyman cathodic protection and lightning protection systems.** Requires two years' experience. Can work under an ES-2 or an EE-98 license.

(6) **ES-3J. Journeyman sound, intercommunication, electrical alarm systems, and systems 50 volts and under.** Requires two years' experience. Can work under an ES-3, ER-1 or an EE-98 license.

(7) **ES-7J. Journeyman telephone communication systems and telephone interconnect systems.** Requires two years' experience. Can work under an ES-7, ER-1 or EE-98 license.

(8) **ES-10RJ. Journeyman residential water well pump installer.** Requires two years' experience. Can work under an ES-10R, ER-1 or EE-98 license.

(9) **ES-10J. Journeyman water well pump installer.** Requires two years' experience. Can work under an ES-10, ER-1 or EE-98 license.

[14.6.6.10 NMAC - Rp, 14.6.6.10 NMAC, 3/10/2022]

14.6.6.11 MECHANICAL AND PLUMBING CLASSIFICATIONS:

A. General information.

(1) A journeyman certificate of competence in the appropriate trade classification is required of all individuals performing mechanical and plumbing work; provided however, that an apprentice, as 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. Journeyman certificates are classified according to the type of work the journeyman is certified to perform. A journeyman may engage in the trade authorized by the certificate of competence issued to the journeyman only when employed by an entity: (1) that is validly licensed to bid or contract ~~perform~~ the type of work for which the journeyman is certified or, (2) that holds a valid annual permit authorizing the entity to engage in the type of work for which the journeyman is certified.

(2) Ratio of ~~unregistered~~ apprentices. The ratio of certified journeyman to ~~unregistered~~ apprentices must not exceed:

(a) one journeyman supervising and overseeing the work of two ~~unregistered~~ apprentices on commercial or industrial work;

(b) one journeyman supervising and overseeing the work of three ~~unregistered~~ apprentices on residential work.

(3) Contracting of mechanical or plumbing work includes installations, alterations, repairs, servicing and maintenance which clarifies Section 60-13-3 NMSA 1978.

(4) Refer to Section 60-13-32 NMSA 1978, for the definitions of plumbing, fixtures and gas-fitting in referenced to these classifications.

B. License classifications. Residential and commercial.

(1) **MM-1. Plumbing and fuel gas piping systems.** Requires four years' experience. May bid and contract to [F]install, alter, repair, service, and maintain [plumbing, plumbing fixtures, and piping, includes incidental concrete supports, and excavating, trenching and backfilling; includes hot water heating systems not exceeding 30 p.s.i. or 400,000 b.t.u./hour input; piping for fuel, oil and gasoline; piping and appurtenances for solar thermal energy systems; potable water irrigation sprinkler systems; swimming pools and spas; includes pneumatic or electric controls and control wiring not greater than 24 volts; septic tanks, manholes and sewer lines; does not include installation of natural gas fired appliances or natural gas piping; piping and agricultural sprinkler irrigation system installation and maintenance on farm or ranch property that moves water for livestock use or irrigation purposes from a privately owned well or pipeline, not connected to a public potable water supply are exempt from licensing requirements. When connected to a potable water source all connections must be downstream of an approved back flow prevention device. If a backflow prevention device is required it shall be permitted and installed by a properly certified journeyman employed by an appropriately licensed contractor.] plumbing systems. Plumbing systems include plumbing piping, fittings and fixtures, water heaters and all incidental venting attached thereto, water supply and distribution, sanitary drainage, indirect wastes, plumbing vent systems, swimming pools and spas, traps and interceptors, storm drainage, fuel gas piping (LP gas systems and water heaters may only be installed by a properly licensed LP gas contractor or vendor), alternate sources for non-potable applications, non-potable rainwater catchment systems, septic tanks, manholes, and sewer lines. Includes electric controls and control wiring for such equipment not greater than 48 volts. This classification may also bid and contract to install, alter, repair, and maintain residential hot water heating systems with an aggregate rated equipment input of no more than 400,000 Btu total and a 30 psi or less system pressure and all incidental venting attached thereto. This classification may bid to install medical gas systems provided the contractor employs a validly endorsed medical gas installer.

(2) **MM-2. Natural gas fitting.** Requires four years' experience. Install, alter, repair, service and maintain natural gas piping and fittings; install hot water heating systems not exceeding 30 p.s.i. or

400,000 b.t.u./hour input; steam and hot water boilers; may connect water to existing valved outlets; warm air heating systems including chimney connections, flues, refractories, burners, fittings valves, thermal insulation, accessories and incidental piping; warm air appliances and other listed gas appliances; incidental controls and control wiring, pneumatic control systems; includes all required excavating, trenching and backfilling. May not install LP Gas systems.]

(3) **MM-3. Heating, ventilation & air conditioning (HVAC), hydronics, fuel gas piping systems, and process piping.** Requires four years' experience. May bid or contract to [F]install, alter, repair, service and maintain [HVAC air handling and refrigeration equipment and piping, including fans, coils, condensing units, self contained packaged air conditioning or heating units, evaporative cooling units, and ductwork and accessories including solar air heating and cooled mechanical air handling and ventilation applications; 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, electrical wiring and other work incidental to this scope of work, provided such work is performed by a validly licensed contractor.]mechanical systems. Mechanical systems include ventilation air systems, exhaust systems, duct systems, combustion air, chimneys and vents, installation of specific appliances, boilers and pressure vessels, refrigeration systems, hydronic systems, fuel gas piping systems (LP gas systems and specific appliances may only be installed by a properly licensed LP gas contractor or vendor), process piping systems, solar energy systems, geothermal energy systems and ambient temperature loops. Includes electric controls and control wiring for such equipment not greater than 48 volts.

(4) **MM-4. Heating, cooling and process piping.** Requires four years' experience. Install, alter, repair, service and maintain hydronic heating, cooling and process piping, piping and appurtenances for steam and hot water systems of any temperature or pressure range, chilled water systems, condensing water systems and other process piping systems; includes air handling equipment, pressure vessels, heat exchangers, boilers, refrigeration water chillers, cooling towers, fuel oil tanks and fuel oil piping; electric controls and control wiring not to exceed 24 volts; install high pressure and process piping solar thermal energy systems of any temperature or pressure range conveying gas or fluids other than potable water; water based fire protection sprinkler systems, dry chemical fire protection systems.]

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

C. Mechanical Specialty classifications:

(1) **MS-3. Septic tanks & sewer.** Requires two years' experience. Install, alter, repair, service or maintain septic tanks and private sewage disposal systems, manholes and sewer lines, beginning at a connection to a public or private utility and ending at a point five feet beyond the outside wall of a building or structured; excavate, trench, backfill and grade as necessary; install or repair incidental plug-in type electrical control panels, controls and control wiring not to exceed ~~[24]~~48 volts.

(2) **MS-6. Lawn sprinklers.** Requires two years' experience. May bid or contract to [F]install, alter, repair, service or maintain potable water sprinkler systems; excavate, trench, backfill and grade as necessary; backflow prevention devices incidental plug-in type electrical control panels, controls and control wiring not to exceed [24] 48 volts.

(3) **MS-12. ~~[Fire protection sprinkler systems.] Automatic Fire Sprinkler Systems.~~** Requires four years' experience. May bid or contract to [F]install alter, repair, service or maintain water-based fire protection systems including specialized systems, that require pressure or water storage tanks, controls and control wiring up to [24] 48 volts; excavate and backfill and install piping from structure to off-site water supply adjacent to fire protection system property; bid or contract for structural alterations, electrical wiring, etc., incidental to the system installation, provided such work is performed by a validly licensed contractor.

(4) **MS-14. ~~[Dry chemical fire protection.] Chemical Suppression Systems.~~** Requires four years' experience. May bid or contract to [F]install, alter, repair, ~~engineered or pre-engineered systems; [or]~~ service or maintain gaseous or chemical based fire protection systems including commercial kitchen suppression systems, [carbon dioxide (CO)], or clean agent[s] systems; pressurized and non-pressurized storage tanks, control valves, temperature sensing devices, solenoid or safety shut-off devices and other incidental controls, [and] including control wiring up to [24] 48 volts; bid or contract for [structural] suppression system alterations, 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 unless otherwise specified.

(1) **JP. journeyman plumber.** Can work under an an MM-1 or MM-98 license.

(2) **JPF. journeyman pipe fitter.** Can work under an an MM-1, MM-3, [MM-2, MM-4] or MM-98 license.

- (3) **JG. journeyman ~~natural~~ gas fitter.** Can work under an ~~[MM-2]~~ MM-1, MM-3, or MM-98 license.
- (4) **JPG. journeyman plumber and ~~natural~~ gas fitter.** Can work under an MM-1, MM-3, ~~[MM-2]~~ or MM-98 license.
- (5) **JR. journeyman refrigeration.** Must demonstrate compliance with environmental protection agency (EPA) recovery requirements prior to a certificate-being issued. Can work under an MM-3 or MM-98.
- (6) **JS. journeyman sprinkler.** Can work under an MS-6, MM-1 or MM-98 license.
- (7) **JSM. journeyman sheet metal.** Can work under an MM-3 or MM-98 license.
- (8) **JW. journeyman welder.** Must obtain either a JP, JG, JPG, JPF or JSM certification and demonstrate compliance with the American society of mechanical engineers (ASME) section 9 certification. Can work under an MM-1, ~~[MM-2,]~~ MM-3, ~~[MM-4]~~ or MM-98 license when holding the appropriate journeyman certification for the license classification.
- (9) **JMG. journeyman medical gas installer.** Must obtain either JP, JG, JPG or JPF certification and demonstrate compliance with medical gas certification as referenced in ~~[14.9.5]~~ 14.6.4 NMAC. Can work under an MM-1, ~~[MM-2, MM-4]~~ or MM-98.
- (10) **MS-12J. journeyman fire protection sprinkler systems.** Requires four years' experience. Can work under an MS-12 ~~[, MM-4 or MM-98]~~ license.
- (11) **MS-14J. journeyman dry chemical fire protection.** Requires four years' experience. Can work under a [n] MS-14 ~~[, MM-4 or MM-98]~~ license.
- (12) **BO1. journeyman boiler operator.** Low pressure only. Requires six months' experience. Can be employed by an institution that has a boiler; cannot perform construction or repair of a boiler.
- (13) **BO2. journeyman boiler operator.** Low and high pressure. Requires six months' experience. Can be employed by an institution that has a boiler; cannot perform construction or repair of a boiler. [14.6.6.11 NMAC - Rp, 14.6.6.11 NMAC, A, 14.6.6.11 NMAC, [3/10/2022] XX/XX/XXXX]

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 11/25/1970;
 CIC 72-4, General Construction Classifications, filed 2/16/1972;
 CIC 76-2, Rules And Regulations, filed 5/5/1976;
 CID 78-2, Rules And Regulations, filed 12/5/1978;
 CID 79-1, Rules And Regulations, filed 6/6/1979;
 CID 82-1, Construction Industries Rules And Regulations, filed 4/14/1982;
 CID 85-1, Construction Industries Rules And Regulations, filed 2/4/1985;
 CID 90-1, Construction Industries Rules And Regulations, filed 5/31/1990.

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 1/1/2014.

Other History:

That portion of CID 90-1, Construction Industries Rules And Regulations, filed 5/31/1990 - 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 1/1/2014.

14.6.6 NMAC, Housing and Construction - Construction Industries Licensing - Classifications and Scopes (filed 1/1/2014), replaced by 14.6.6 NMAC, Housing and Construction - Construction Industries Licensing - Classifications and Scopes, effective 3/10/2022.