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2026 PREVAILING WAGE RATES SOUTHERN NEVADA RURAL REGION

(ESMERALDA, LINCOLN, AND NYE)

DATE OF DETERMINATION: October 1, 2025

**APPLICABLE FOR PUBLIC WORKS PROJECTS OVER \$100,000 BID/AWARDED
OCTOBER 1, 2025, THROUGH SEPTEMBER 30, 2026**

PREVAILING WAGE DETERMINATIONS - NRS 338.030(7), the wages so determined must be:

- (a) Issued by the Labor Commissioner on October 1 of the odd-numbered year in which the survey was conducted and, except as otherwise provided in subsection 8, remain effective for 2 years after that date; and (b) Made available by the Labor Commissioner to any public body which awards a contract for any public work.

Pursuant to NRS 338.025, for determining the prevailing rate of wages pursuant to NRS 338.030, four prevailing wage regions are hereby established in this State as follows:

1. The Washoe Prevailing Wage Region consisting of Washoe County;
2. The Northern Rural Prevailing Wage Region consisting of Carson City and the counties of Churchill, Douglas, Elko, Eureka, Humboldt, Lander, Lyon, Mineral, Storey, Pershing and White Pine;
3. The Clark Prevailing Wage Region consisting of Clark County, and
4. The Southern Rural Prevailing Wage Region consisting of the counties of Esmeralda, Lincoln and Nye.

OBJECTIONS TO PREVAILING WAGE DETERMINATIONS – NRS 338.030(2): Objections to Prevailing Wage Determinations must be submitted within 30 days after the Prevailing Wage Determinations are issued.

Pursuant to NRS 338.030(8), the Labor Commissioner will review the prevailing wage rates in each even-numbered year to determine if adjustments should be made.

Pursuant to Nevada Revised Statutes (NRS) 338.030(9)(a), "If the contract for a public work: (a) Is to be awarded pursuant to a competitive bidding process, the prevailing wages in effect at the time of the opening of the bids for a contract for a public work must be paid until the completion or termination of the contract or for the 36 months immediately following the date on which the bids were opened, whichever is earlier." For contracts not awarded pursuant to competitive bidding, please see NRS 338.030(9)(b). However, if a project exceeds 36 months new wage rates may apply pursuant to NRS section 338.030(9)(10). Prevailing Wage Rates may be adjusted based on Collective Bargaining Agreements (CBA's) and adjustments to those agreements. (See NRS 338.030)

As Amendments/Revisions are made to the wage rates, they will be posted within the corresponding region's prevailing wage rates immediately after the classification's published wage determination.

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NRS 338.010(25) “Wages” means:

- a) The basic hourly rate of pay; and
- b) The amount of pension, health and welfare, vacation and holiday pay, the cost of apprenticeship training or other similar programs or other bona fide fringe benefits which are a benefit to the worker.

NRS 338.035 Bona Fide Fringe Benefits - Discharge of part of obligation of contractor or subcontractor engaged on public work to pay wages by making certain contributions in name of workman. “Bona fide fringe benefit” means a benefit in the form of a contribution that is made not less frequently than monthly to an independent third party pursuant to a fund, plan or program: (a) Which is established for the sole and exclusive benefit of a worker and his or her family and dependents; and (b) For which none of the assets will revert to, or otherwise be credited to, any contributing employer or sponsor of the fund, plan or program. The term includes, without limitation, benefits for a worker that are determined pursuant to a collective bargaining agreement and included in the determination of the prevailing wage by the Labor Commissioner pursuant to NRS 338.030.

Please see NRS 338.010, 338.020, and 338.035 and Nevada Administrative Code (NAC) 338.0097 and 338.092 through 338.100 for further details on “bona fide fringe benefits,” reporting requirements, and exceptions.

Job Descriptions for Recognized Classes of Workers

Regarding job descriptions for public works projects, please take notice of the following:

1. The job description links have been redacted to include ONLY the scope of work for the craft.
2. Pursuant to NAC 338.0095(1)(a): A worker employed on a public work must be paid the applicable prevailing rate of wage for the type of work that the worker actually performs on the public work and in accordance with the recognized class of the worker.
3. The work description for a particular class is not intended to be jurisdictional in scope.
4. Any person who believes that a type of work is not classified, or who otherwise needs clarification pertaining to the recognized classes or job descriptions, shall contact the Labor Commissioner in writing for a determination of the applicable classification and pay rate for a particular type of work.
5. The job descriptions set forth or referenced herein supersede any, and all descriptions previously agreed upon by the Labor Commissioner in any settlement agreements or stipulations arising out of contested matters.
6. The following specific provisions, where applicable, shall prevail over any general provisions of the job descriptions:
 - Amendments to the prevailing wage determinations.
 - Group Classifications and/or descriptions recognized by the Labor Commissioner and included with wage determinations for a particular type of work in a particular county.

Zone Rates

The zone rate has been added to each applicable craft.

Premium Pay Premium pay for hours worked in excess of a shift of 8 hours or 12 hours, or such other time increment set forth in the Collective Bargaining Agreement or on a weekend or holiday.

Craft: AIR BALANCE TECHNICIAN (Union Rate)
Prevailing wage rates include the base rate as well as all applicable fringes

Air Balance Technician Journeyman.....	93.36
Air Balance Technician-Foreman ¹	99.35
Air Balance Technician-General Foreman ²	105.33

ADD ZONE RATE

In addition to AIR BALANCE TECHNICIAN/SHEET METAL WORKER rates calculated on one-way drive miles using Google maps based on shortest distances from the City Hall of Las Vegas, Nevada:

Zone 1	0 to 29 miles	\$0.00
Zone 2	30 to 49 miles	\$3.00
Zone 3	50 to 100 miles	\$6.00
Zone 4	Over 100 miles	\$9.00

ADD PREMIUM PAY

All work performed outside the regular working hours³ and performed during the regular work week⁴ shall be at one and one-half (1.5) times the straight time rate of pay. Sunday and Holidays shall be paid at double (2x) times the straight time of pay. When employees work more than sixty (60) hours in a work week it will be at double (2x) time.

RECOGNIZED HOLIDAYS

New Year's Day, Presidents' Day, Memorial Day, Independence Day, Labor Day, Veterans Day, Thanksgiving Day, the Friday following Thanksgiving Day, Christmas Eve Day, Christmas Day, and Sunday shall be recognized as holidays. If a holiday falls on Saturday, the Friday preceding shall be a recognized holiday. If a holiday falls on Sunday, the Monday following shall be a recognized holiday.

JOB DESCRIPTION: Excerpt from Sheet Metal Local 88 Collective Bargaining Agreement.

Manufacture, fabrication, assembling, handling, erection, installation, dismantling, conditioning, adjustment, alteration, repairing and servicing of all ferrous or nonferrous metal work and all other materials used in lieu thereof and of all kitchen equipment, HVAC systems, air veyor systems, exhaust systems, and air-handling systems, regardless of material used including the setting of all equipment and all reinforcements in connection therewith.

All lagging over insulation and all duct lining.

Testing and balancing of all air-handling equipment and duct work.

The preparation of all shop and field sketches whether manually drawn or computer assisted used in fabrication and erection, including those taken from original architectural and engineering drawings or sketches.

Metal exterior wall systems, metal roofing and underlayment regardless of material used.

Any and all auditing, commissioning and testing, of all HVAC in connection with a building rating methods; detailing, shop fabrication, field installation and performance oriented tasks.

All other work included in the jurisdictional claims of International Association of Sheet Metal, Air, Rail and Transportation Workers.

¹ General Foreman, Foreman and Stewards who maintain current First Aid/CPR Completion Certificates shall receive an additional Fifty Cents (\$0.50) over their base wage.

² General Foreman, Foreman and Stewards who maintain current First Aid/CPR Completion Certificates shall receive an additional Fifty Cents (\$0.50) over their base wage.

³ Eight (8) hours between 6:00 am and 4:30 pm, except for the months of May 15 through September 15, in which 5:00 am may be the start time. Other start times must be approved.

⁴ Five (5) consecutive eight (8) hour days, beginning on Monday and ending with Friday of each week.

Craft: ALARM INSTALLER (Non-Union Rate)¹
Prevailing wage rates include the base rate as well as all applicable fringes

Alarm Installer.....81.87

JOB DESCRIPTION:

Includes but is not limited to:

- Install, maintain, or repair security systems, alarm devices, or related equipment, following blueprints of electrical layouts and building plans.
- Mount and fasten control panels, door and window contacts, sensors, or video cameras, and attach electrical and telephone wiring to connect components.
- Demonstrate systems for customers and explain details, such as the causes and consequences of false alarms.
- Test and repair circuits and sensors, following wiring and system specifications.

¹ Job description copied from O*NET OnLine

Craft: BOILERMAKER (Non-Union Rate)¹
Prevailing wage rates include the base rate as well as all applicable fringes

Boilermaker.....76.62

JOB DESCRIPTION:

Construct, assemble, maintain, and repair stationary steam boilers and boiler house auxiliaries. Align structures or plate sections to assemble boiler frame tanks or vats, following blueprints. Work involves use of hand and power tools, plumb bobs, levels, wedges, dogs, or turnbuckles. Assist in testing assembled vessels. Direct cleaning of boilers and boiler furnaces. Inspect and repair boiler fittings, such as safety valves, regulators, automatic-control mechanisms, water columns, and auxiliary machines.

Sample of reported job titles: Boiler Installer, Boiler Mechanic, Boiler Repairman, Boiler Service Technician (Boiler Service Tech), Boiler Technician (Boiler Tech), Boilermaker, Boilermaker Mechanic, Boilermaker Pipe Fitter, Boilermaker Welder, Industrial Boiler Service Technician (Industrial Boiler Service Tech).

- Conduct pressure tests on vessels, such as boilers.
- Study blueprints to determine locations, relationships, or dimensions of parts.
- Examine boilers, pressure vessels, tanks, or vats to locate defects, such as leaks, weak spots, or defective sections, so that they can be repaired.
- Inspect assembled vessels or individual components, such as tubes, fittings, valves, controls, or auxiliary mechanisms, to locate any defects.
- Lay out plate, sheet steel, or other heavy metal and locate and mark bending and cutting lines, using protractors, compasses, and drawing instruments or templates.
- Bell, bead with power hammers, or weld pressure vessel tube ends to ensure leakproof joints.
- Locate and mark reference points for columns or plates on boiler foundations, following blueprints and using straightedges, squares, transits, or measuring instruments.
- Shape or fabricate parts, such as stacks, uptakes, or chutes, to adapt pressure vessels, heat exchangers, or piping to premises, using heavy-metalworking machines such as brakes, rolls, or drill presses.
- Position, align, and secure structural parts or related assemblies to boiler frames, tanks, or vats of pressure vessels, following blueprints.
- Clean pressure vessel equipment, using scrapers, wire brushes, and cleaning solvents.
- Repair or replace defective pressure vessel parts, such as safety valves or regulators, using torches, jacks, caulking hammers, power saws, threading dies, welding equipment, or metalworking machinery.
- Attach rigging and signal crane or hoist operators to lift heavy frame and plate sections or other parts into place.
- Straighten or reshape bent pressure vessel plates or structure parts, using hammers, jacks, or torches.
- Shape seams, joints, or irregular edges of pressure vessel sections or structural parts to attain specified fit of parts, using cutting torches, hammers, files, or metalworking machines.
- Bolt or arc weld pressure vessel structures and parts together, using wrenches or welding equipment.
- Install manholes, handholes, taps, tubes, valves, gauges, or feedwater connections in drums of water tube boilers, using hand tools.
- Assemble large vessels in an on-site fabrication shop prior to installation to ensure proper fit.
- Install refractory bricks or other heat-resistant materials in fireboxes of pressure vessels.

¹ Job description copied from O*NET OnLine

Craft: BRICKLAYER (Union Rate)
Prevailing wage rates include the base rate as well as all applicable fringes

Bricklayer/Mason.....74.83

ZONE PAY

In addition to BRICKLAYER rates add the applicable amounts per hour, for travel on jobs located over forty (40) miles from the City Hall of Las Vegas, Nevada:

Zone 1	0-40 Miles	Free Zone
Zone 2	41-50 Miles	\$40.00 per day
Zone 3	51-70 Miles	\$60.00 per day
Zone 4	Over 71 Miles	\$80.00 per day
Boulder City and Primm are designated as free zones.		

If requested by the Employer to stay the weekend when working on a job located over forty (40) miles from the City Hall of Las Vegas, Nevada: \$145.00 per day, during the weekend only.

ADD PREMIUM PAY

Standard work day is eight (8) continuous hours of work between the hours of 5:30 a.m. and 4:30 p.m. The first ten (10) hours performed on Saturday¹ shall be at one and one-half (1.5) times the straight time rate and all work performed thereafter shall be paid at double (2x)². Sundays³ and Holidays shall be paid at double (2x) the straight time of pay.

The normal starting time for the first shift shall be between 5:30-10:00 a.m. If two (2) work shifts are established, employees working on the second shift shall receive eight (8) hours times the basic straight time rate plus an additional fifty cents (\$0.50) per hour for each of those eight hours. If three (3) work shifts are established, the third shift shall consist of seven (7) hours of continuous work, plus one half-hour unpaid lunch period midway through the shift. Employees working on the third shift shall receive the basic straight time rate plus three dollars and twenty-five cents (\$3.25) for each of those seven (7) hours. Time worked in excess of seven (7) hours on the third shift shall be paid at the appropriate overtime rate⁴.

RECOGNIZED HOLIDAYS

The Employer agrees to recognize the following holidays: New Year's Day, Presidents' Day, Memorial Day, Fourth of July, Labor Day, Veterans' Day, Thanksgiving Day, Friday following Thanksgiving Day, and Christmas Day. Any holiday falling on a Sunday will be observed on the Monday following, and any holiday falling on a Saturday will be observed on the preceding Friday.

JOB DESCRIPTIONS Excerpt from Bricklayer and Allied Craftworkers Local Union No. 13 Collective Bargaining Agreement.

Brick Masonry shall consist of, but not be limited to, the following work procedures and installation of the following materials:

¹ Regardless of whether the Employer has already made forty (40) hours of work available during the preceding work week

² Exceptions: The Saturday falls on a Union recognized holiday—all hours should be paid at double (2x); Where it was not possible to work Monday through Friday of the preceding work week due to weather conditions or a breakdown of a piece of major equipment on the jobsite then up to eight (8) hours of work on Saturday may be performed at the straight time wage rate; the employer and employee agree that the missed day (up to eight (8) hours of work) can be made up by working Saturday at the straight time rate, written notice must be provided to the Union and signed by the employee.

³ If the employee did not work forty (40) straight time hours in the preceding week that employee shall be paid at one and one-half (1.5) the hourly wage rate for that portion of the Sunday work required to reach forty (40).

⁴ One and one-half (1.5) the straight time rate.

The laying of brick made from any material in, under or upon any structure or form of work where bricks are used, whether in the ground, or over its surface, or beneath water; in commercial and residential buildings, rolling mills, iron works, blast or smelter furnaces, lime or brick kilns; in mines or fortifications, and in all underground work, such as sewers, telegraph, electric and telephone conduits; including the installation of substitutes for brick such as all carbon materials, Karbate, Impervite or mixtures, all acid resistant materials, all terra cotta and porcelain materials, except where the foregoing materials are manufactured to substitute for tile as provided for under the category of Section 8, C, of this Code.

All cutting of joints, pointing, cleaning and cutting of brick walls, fireproofing, block-arching, terra cotta cutting and setting, the laying and cutting of all tile plaster, mineral-wool, cork blocks and glass masonry, or any substitute for above materials, the laying of all pipe sewers or water mains and the filling of all joints on the same when such sewers or conduits are of any vitreous material, burnt clay or cement, or any substitute material used for the above purpose, the cutting, rubbing and grinding of all kinds of brick and the setting of all cut stone trimmings on brick buildings, and the preparation and erection of plastic, castables or any refractory materials.

Cleaning, grouting, pointing, and other work necessary to achieve and complete the work under the foregoing categories; all waterproofing and black mastic waterproofing, silicone and/or substitutes sandwiched between masonry units in the interior of the wall.

All terra cotta called unit tile in sizes over 6"x12" regardless of method of installation; all quarry tile over 9"x9"x1 1/4" in size; split brick or quarry tile or similar material if bedded and jointed with one operation. The bedding, jointing, and pointing of the above materials shall be the work of the craft installing same.

All burnt clay extruded cellular products regardless of trade name or method of installation when used as a veneer on structures; all clay products known as terra cotta tile, unit tile, ceramic veneer and machine-made terra cotta and like materials in sizes larger than 6"x12", regardless of the method of installation. Where the preponderance of material to be installed is of the above size, and when material of lesser sizes is to be used in connection therewith, the bricklayers shall install all such materials. Brick paving comes under bricklayers' trade classification.

The preparation, setup, calibration, loading operation, cleaning, and routine maintenance of any mechanical devices, automated or semiautomated systems, lasers, robotics or any other emerging technologies that are use to, including but not limited to, install, cut, set, lay, level, range, plumb, align, anchor, fasten, secure, point, joint, grout, fill, grind, polish, seal, clean, repair, replace, or store masonry units, materials and surfaces, or that otherwise assist the mason in performing any of the work prescribed in Article II and Code 1 of the IU Constitution, as well as the preparation and ongoing maintenance of the work area to allowed proper installation of masonry units and materials.

Craft: CARPENTER (Union Rate)
Prevailing wage rates include the base rate as well as all applicable fringes

Carpenter Journeyman.....	79.52
Carpenter Welder	80.52
Carpenter Foreman.....	84.57
Carpenter General Foreman.....	90.13

ADD ZONE RATE

In addition to CARPENTER rates, add the applicable amounts per hour, calculated from the intersection of Maryland Parkway and Charleston Boulevard in Las Vegas, NV:

Zone 1	0 to 50 Miles	\$0.00
Zone 2	Over 50 Miles	\$5.00
Zone 2 Carpenter Welder	Over 50 Miles	\$6.00

ADD PREMIUM PAY

First two (2) hours outside the regular constituted shift¹ shall be at the rate of time and one-half (1.5x). Saturdays up to the first ten (10) hours shall be at the rate of time and one-half (1.5x). All additional Saturday hours, Sundays, and holidays shall be the rate of double time (2x).

RECOGNIZED HOLIDAYS

New Year's Day, Washington's Birthday (President's Day), Memorial Day, 4th of July, Labor Day, Veteran's Day, Thanksgiving Day, the Friday after Thanksgiving, Christmas Day.

JOB DESCRIPTION Excerpt from Nevada Contractors Association and Southwest Mountain States Regional Council of Carpenters and Affiliated Local Unions Master Labor Agreement

Building, heavy highway, and engineering construction, including the construction of, in whole or in part, or improvement or modification thereof, including any structure or operations which are incidental thereto, the assembly, operation, maintenance and repair of equipment, and facilities, used in connection with the performance of the aforementioned work and services and including without limitation the following types or classes of work.

Street and highway work, elevated highways, viaducts, bridges, abutments, retaining walls, subways, water supply, water development, reclamation, irrigation, draining and flood control projects, water mains, pipelines, sanitation and sewer projects, dams, aqueducts, canals, reservoirs, intakes, channels, levees, dikes, revetments, foundations, pile driving, piers, locks, dikes rivers and harbor projects, breakwaters, jetties, dredging, tunnels and building inspection. The handling, cleaning, erection, installation and dismantling of machinery, equipment and all work on robotics, included but not limited to rigging, handling, installation, maintenance, programming and the use of all stationary and/or portable robots. This shall include the use of all robots used in any industry, including the nuclear field.

The construction, erection, alteration, repair, modification, demolition, addition or improvement, in whole or in part, of any building structure, including oil or gas refineries and incidental structures, solar energy installations and appurtenances which are incidental thereto, or the installation, operation, maintenance and repair equipment, and other facilities used in connection with the performance of such building construction except where such structures are an incidental or supplemental part of highway and engineering construction, as defined in this Section.

¹ Regular constituted shift is eight (8) consecutive hours, exclusive of the meal period...between the hours of 2:00 a.m. and 5:00 p.m.

The Contractor shall construct all wood panel forms, and frame walls to be used on the jobsite for a specific project and such work shall be performed only by carpenters under the terms of this Agreement.

Any wood panel forms that are constructed by the carpenters under the provisions of this Agreement may be reused on any jobsite by any Contractor.

Any modifications of wood panel forms shall be performed only under the provisions of this Agreement.

The provisions of this Agreement shall apply to all standard manufactured commercial brand forms for the placement of concrete where field assembly and disassembly is required. The installation, stripping, and disassembly of forms, which may be reused on any jobsite by any contractor and shoring, will be in accordance with the provisions of this Agreement.

This Agreement shall cover all work in connection with Hico and similar type beams including, but not limited to the unloading, carrying, spotting and stacking the initial delivery, the installation, and stripping and removing of Hico shores.

This Agreement shall cover all work in connection with Plywood Decking including, but not limited to, the carrying, stacking, installation, and removal.

This Agreement shall cover all work in connection with Beam Sides and Beam Soffits, including, but not limited to the cutting, setting, removal, relocation and stacking of Beam Sides and Soffits, bracing and pads.

This Agreement shall cover all concrete form work, including, but not limited to, the fabrication, constructing, placing, erection, rigging and hoisting, stripping and removing of all forms and the operation of the fork lift, Leod, Pettibone or mobile equipment to perform all of the above work. This agreement also covers concrete floor polishing.

This Agreement shall cover all work in connection with precast, prestressed concrete stone or fabricated units, including, but not limited to, lightweight precast, GFRC, Stone Panels (excluding solid Marble and Granite), Dryvit Exterior Insulating Finish Systems, (EFIS) or any other system of panels that is attached to the interior or exterior of any building or structure; any pre-fabricated concrete stone or imitation stone included as part of the exterior wall system; and any prestressed or precast structural framing members, columns, lintels, and beams and metal studs in reference to all the above work. This Agreement shall include theming work utilizing the materials mentioned above. This Agreement shall cover all types of exhibit work traditionally performed by carpenters.

The laying out of all work and operation of all tools and equipment for cutting, handling, assembling and fabrication whether performed at the jobsite or a panelization compound of any and all structural members, including but not limited to those required for pre-fabricated flat curtain wall panels and continuous aesthetic trims or "pop-outs", i.e., cornice work and/or horizontal and vertical banding of any type where such metal framing must be added (to the flat panel) to minimize overall EFIS foam thicknesses and thereby comply with local codes for EFIS curtain walls.

Pre-fabrication of materials outside this agreement is permissible under the following situations:

Custom or specialty non-linear trims, such as ornate column bases, capitals, medallions, and so forth may be all or partially framed outside this agreement if the framing itself is required to affect the assembly of applicable profiled elements thereon for the purpose of shipment to the jobsite; and also, where EPS (foam) profiles or elements are desirable to compete with more costly exterior elements such as GFRC and FRP.

Where contractors are bidding against non-union contractors who have access to prefabricated products and such products would make unionized contractors noncompetitive and endanger their prospects of successfully competing for a job. In such cases, this waiver shall be processed by the Work Preservation Committee.

This Agreement shall cover all work in connection with tilt-up slabs, including but not limited to, benchmarks, lay out, setting of all forms, block outs, metal door and window jambs, templates for bolts, lift points, knee braces, all stripping of forms (whether or not to be reused), rigging, setting, plumbing, and lining, welding, drilling, cleaning, ledger bolts, setting ledgers, setting of expansion joints and caulking. Also, to include forms for stairs and loading docks (setting and stripping), installation of all doors including roll-up, installation of laminated beams or precast structures, and operation of the forklift to perform all of the above work.

This Agreement shall cover all work in connection with the hoisting of materials, which are to be used by the carpenters including but not limited to the rigging, guiding, and handling.

This Agreement shall cover all work in connection with self-supporting scaffolds over fourteen (14) feet in height or scaffold built for special purposes including, but not limited to, handling, building, erecting and disassembling. Building, erecting and dismantling of any and all motorized or mechanical mast climbing and swinging stage type scaffolds for multi-craft use. Scaffolds erected and dismantled by the scaffold contractors, shall be the work of the carpenters.

This Agreement shall cover all work in connection with office modular furniture systems including, but not limited to the unloading by any means, stockpiling, distribution to point of, erection, carrying, handling, transportation, uncrating, installation, cleaning and/or staging of all office, commercial, industrial, institutional, and hotel furniture, furniture systems, furnishing, etc., including (regardless of their materials or method or manner of installation, attachment or connection). Also included will be layout work including the use of level, transit and any other instrument or tool (or adaptable tool) required for the work herein described.

This Agreement shall cover asbestos abatement and other work involving the removal of hazardous materials. In the event this work is subcontracted by the Contractor, (Section III shall not apply as stated below). Section III shall not apply but the Contractor agrees to utilize his best efforts to ensure that the work is done by a contractor signatory to an agreement with the Union, provided suitable and competitive signatory contractors are available.

The carpenters claim installation of metal studs, metal frames, including siding attached thereto, architectural metal and decorative metal panels, shingles, roofing, and plastics used in the performance of carpentry work, operation of the Pettibone and forklift incidental to carpentry work and the use of survey instruments, either optical or electronic. Carpenters assigned to using survey instruments shall receive not less than the rate of pay for his regular classification.

The carpenters claim the layout, rigging, tagging, signaling, cutting, burning, welding, chain sawing, driving, setting and pulling of all soldier piles and soldier beams together with all necessary waling, shoring, underpinning, struts, bracing, capping and lagging necessary for construction of subterranean structures of all types to include, but not limited to subways, subway stations, buildings, storm drains, sewers, pipe lines and all open cut and cover construction projects. The carpenters further claim construction of all covers and access mats to include all necessary rigging for setting and removing, whether intermittently or regularly, and installation and removal of timber decking.

Fences constructed of wood, insulation installation, drywall and lathing work is covered in this Agreement and is considered as bargaining unit work, performed under all the terms and conditions of this Agreement.

Drywall work, as defined in the Nevada Drywall Master Agreement, and which is covered in this Agreement and is considered as bargaining unit work, shall be performed under all the terms and conditions of the Nevada Drywall Master Agreement between the Southwest Mountain States Regional Council of Carpenters and the Western Wall and Ceiling Contractors Association or the Painting and Decorating Contractors of America. Provided, however, that a Contractor may perform minor and incidental drywall work under the terms and conditions of this Agreement. As of July 1, 2007, the Contractor or his Drywall subcontractor will pay fringe benefits to the Carpenters Trust Funds detailed in this Agreement and, additionally, to any other Drywall Trust Funds that may be negotiated.

All drywall work including, but not limited to: The installation, carrying, transportation, handling, stocking, scrapping of all materials and component parts of all types of ceilings regardless of their material or composition or method or manner of installation, attachment or connection, including but not limited to all hangers, carrying channels, cross furring, stiffeners, braces, all bars regardless of material or method of attachment, all integrated gypsum wallboard ceiling heat panels, all radiant heat ceiling backing, all main tees, all cross tees, all splines, all wall and ceiling angles or moldings, all backing board and all finish ceilings materials regardless of method or manner of installation.

All work in connection with the installation, erection and/or application, carrying, transportation, handling, stocking and scrapping of all materials and component parts of wall and partitions regardless of their material composition or method or manner of their installation, attachment or connection, including but not limited to all floor and ceiling runners, studs, stiffeners, cross bracing, fire blocking, resilient channels, furring channels, doors and windows, including frames, casing, molding, base accessory trim items, gypsum drywall materials, laminated gypsum systems, backing board for all systems, including but not limited to thin coat and other finished systems, plastic and/or paint finished bases, finish board, fireproofing of beams and columns, fire proofing of chase, sound and thermal insulation materials, fixture attachments including all, layout work, preparation of all openings for lighting, air vents or other purposes, and all other necessary or related work in connection therewith. Carpenters shall manage all scrap materials associated with their work.

No limitation shall be placed on the work covered by this Section by reason of the surface or texture or purpose for which the materials described herein are used, designed, or intended.

It is further specifically understood that the installation, tying and connection of all types of light iron and metal studs and all types of light iron furring erected to receive the materials specified in this article, including but not limited to gypsum wallboard, walls, partitions, ceiling heat panels, backing boards, plastic or acoustical materials or any material attached to the above described light iron construction is specifically included in the work covered by this Section. This agreement also covers the installation of decorative metal and any type of metal panel.

The installation, erection, and construction to include the work of fabrication of all materials to receive a plaster finish, to also include the completing of all light iron construction, furring, making, and erecting of brackets, clips and hangers; metal lath, corner beads and arches erected for the purpose of holding gypsum plaster, cement plaster and all other plaster bases.

All carrying bars, purlins, and furring, regardless of size, light iron and metal furring of all descriptions such as rods, channel flat iron and other ceiling systems for the receipt of metal lath, or rock lath, and all other plaster bases which are to receive plaster on one or both sides, to include any and all plastering accessories.

The nailing, tying, cutting, welding, and fastening, regardless of method, of the above and all wire and metallic lath of all descriptions connected therewith.

The placing, handling, moving and erection of all materials, which fall within the description of work, set forth in this Section. The erecting and moving of all scaffolds and the moving and handling of all materials to be used in the erection of scaffolds or other patented scaffolding.

The work shall include all types of wood flooring of any size, shape, or pattern in all its branches and phases, such as nailing, filling, laying, striping, tongue and groove, underlayment, blocks-mastic work, sanding, edging, staining, finishing, basing, application of shellac, varnishes, sealers, waxing and all maintenance and related work. Computer floors, and/or raised access floors in all its branches and phases, such as material handling, layout, fabrication, maintenance, installation, cutting, fitting, and fastening of all materials and components, such as pedestal stanchions, stringer systems, seismic bracing, unistrut systems, x-ray supports, light supports, cable vault supports, racks, shelving, ceiling grids, clean room wall framing, ceiling supports, utility screen supports, unistrut metal framing systems of all lightweight standardized components which can be bolted together to form roofs, decks and special structural elements of varying modular configurations and all other necessary structural support assemblies. Installation of ramps, steps, fascia assemblies, plenum dividers, air grills, cable cut-outs, ledge extrusion, handrail assemblies, cove base at perimeter walls, lamination of coverings onto floor panels, and any other operation relative to computer floor installations. In addition to wood flooring, this Agreement shall also cover all types of floor coverings and treatments, including the application of terrazzo and concrete polishing.

This Agreement shall cover all work necessary to repair, adjust, or modify Carpenter scopework including any precision demolition associated with such work.

Craft: CEMENT MASON (Union Rate)
Prevailing wage rates include the base rate as well as all applicable fringes

Cement Mason.....	72.26
Cement Mason – Foreman.....	77.49
Cement Mason – General Foreman	80.10

ADD ZONE RATE

In addition to CEMENT MASON rates, add the applicable amounts per hour, calculated based on a radius from the City Hall of Las Vegas, Nevada:

Zone 1	0 to 50 Miles	\$0.00
Zone 2	Over 50 Miles	\$5.00

ADD PREMIUM PAY

The first two (2) hours worked outside the regularly constituted shift¹ shall be at the rate of time and one-half (1.5x). All additional hours shall be at the rate of double (2x) time. On Saturday work, the first ten (10) hours shall be at time and one-half (1.5x) and all additional hours at double (2x) time. Sundays and Holidays shall be at double (2x) time. All hours worked after ten (10) hours are at the rate of double (2x) time Monday through Saturday. For employees working on a properly established shift of ten (10) hours per day, four (4) days per week, any work performed outside the established four (4) ten (10) shift will be paid at the applicable overtime rates as described.

SHIFT DIFFERENTIAL

For employees on a second shift, all hours worked in excess of seven and one-half (7.5) hours shall be paid for at the appropriate overtime rate as described above. For employees on a third shift, all hours worked in excess of seven (7) hours shall be paid for at the appropriate overtime rate as described above.

RECOGNIZED HOLIDAYS²

New Year's Day, President's Day, Memorial Day, Independence Day, Labor Day, Veteran's Day, Thanksgiving Day, the Friday following Thanksgiving Day, and Christmas Day.

JOB DESCRIPTIONS: From the Master Labor Agreement between Southern Nevada Cement Masons & A.G.C./N.C.A./U.B.C.A., OP&CMIA Local 797.

All building construction, including but not limited to the construction, erection, alteration, repair, modification, demolition, addition, or improvement in whole or in part of any building structure.

All heavy, highway and engineering construction, including but not limited to construction, improvement, modification, demolition, of all or any part of streets and highways (including sidewalks, curbs and gutters), bridges, viaducts, rail roads, tunnels, airports, water supply, irrigation, flood control and drainage systems, sewers and sanitation projects, dams, power houses, refineries, aqueducts, canals, river and harbor projects, wharves, docks, breakwaters, jetties, quarrying of breakwater or rip-rap stone, or operation incidental to such heavy construction work.

All concrete construction such as buildings, bridges, silos, elevators, smoke stacks, curbs and gutters, sidewalks, streets and roads, paving, alleys and roofs, of mass or reinforced concrete slabs and all flat surfaces of cement, rock asphalt, the placing, pouring and spreading and finishing of all types of

¹ Eight (8) consecutive hours, exclusive of meal period, between the hours of 2:00 a.m. and 5:00 p.m., Monday through Friday

² If any holiday falls on Sunday, the Monday following shall be considered a legal holiday.

bituminous concrete including all types of asphalt floors and pavements, the operation and control of all types of Vacuum Mats used in the drying of cement floors in preparing same for finish, the operations of laser screeds, roller screeds and any other mechanical screeds, all power driven floats and troweling machines shall be that of the Cement Mason. Cement Masons shall perform all mastic flooring work, whether laid free handed or in pre-cast form on the job; otherwise known as asphalt or mastic, tile, and all other types of resilient floor covering.

Cement Masons shall perform the placing with material hose or chute or other device, screeding and finishing of all concrete and pervious concrete surfaces (including guniting, shotcrete and the handling of the cement gun or nozzle), underlayment, overlayments, the stamping, coloring, sealing, curing, waxing, broadcasting of colored stone chips, powdered steel, or coloring powder on concrete, including decorative finishes such as stenciling, staining, dyeing, densification, concrete polishing, sand blasting, grinding and the washing of all concrete construction. The forming and construction involved with any concrete countertop work (including additives and mosaics such as but not limited to glass and specialty aggregates and exposed aggregate). The use of any color pigment when mixed with cement base material including all specialty finishes such as acids staining, alcohol stain, etc., in any other form; mosaic and nail coat whether done by brush, broom, trowel, float, or any other process including operation of machine for scoring floors, or any purpose they may be used for in connection with Cement Masons' trade. All custom and specialty imitation finishes, including but not limited to all ceramic materials, custom rock, brick and block veneer, limitation marble, stone, wood and any other limitation theme. All concrete repair, restoration and inspection work whether architectural or structural, including but not limited to coatings of cement and epoxy coatings of cement based, epoxy and urethanes, injections of epoxies and other repair materials and the use of fiber wrap and other materials used for the structural repair and renovation. Caulking of any type will be the work of the cement mason. Cement Masons shall have jurisdiction over the setting, building, fabricating and installation of all forms, perimeter forms, screeds, bulkheads, batter boards, pour strips, camfer strips for the purpose of containing, shaping or molding concrete, grout, epoxy grout, or any exotic or cement based material on a given line, shape or grade regardless of the composition of the form material. Formwork shall include but not be limited to foundations, sidewalks, curbs and gutters, steps, catch basin and drain inlets, walks, decks, stoops, approaches, etc. and shall include the preparation and setting of all screeds or lines and the use of the level, laser level, transit and builders level in connection with the forming, placement and finishing of all concrete and cement based surfaces or any other method used to determine grade elevation or line. Setting lines for concrete road machines and curb & gutter machines.

The mixing, placing, rodding, spreading and finishing of all top materials, sills, coping, steps, stairs, and risers and running all cement, epoxies, and plastic material shall be the work of Cement Masons, all preparatory work on concrete construction to be finished, rubbed, such as sand blasting, cutting of nails, wires, wall ties, etc. All concrete repair processes including below grade and underground including the repair or modification in horizontal or vertical pipe, all vault pouring, pipe banding and shafting, patching, brushing, chipping and bush-hammering, rubbing or grinding if done by machine or hand, diamond or carborundum stone of all concrete construction, setting of all strips, screeds, stakes and grades and curb forms and all glass set in cement. The pointing and patching and caulking around all steel or metal window frames that touch concrete and all concrete segments such as tilt wall and pre-cast. The laying and finishing of Gypsum Material Roof. All dry packing, damp packing, pouring of grout, grouting and the pouring, mixing, handling, placing and pumping of all liquid grouts, epoxy grouts, damming or backer rod, caulking including all prep work for caulking, forming and operation of pressure pots in connection with all grouting operations as well as any finishing where required, and finishing in connection with setting all machinery such as engines, pumps, generators, air compressors, tanks, base plates, column plates, pipe restraints and so forth, which is set on concrete foundations. Grouting of window and door frames shall be the work of the Cement Mason. The saw cutting, scoring of joints, architectural cuts, the use of soft cut machines for construction joints, expansion or control or

the cutting of any line that will be finished back to in old or new concrete shall continue to be the work of the Cement Mason.

All prefabricated and prestressed concrete construction on the job site and in the shop, including the supervision of same, such as sidewalks, steps, floor slabs, beams, joists, walls and columns, also the screeding, finishing, rubbing, grouting, pointing, patching and paint prep of same. The finishing of all concrete surfaces by sandblasting, the washout method, bush hammering or any other method and the sealing of these same surfaces shall be the work of the Cement Mason.

The curing of finished concrete, pervious concrete and grouting, wherever necessary, whether by chemical compounds or otherwise, shall be part of the jurisdiction of the Cement Mason.

All scarifying of concrete and underlayment/overlayments, for any purpose including but not limited to bush hammering, needle grinding, water blasting, air blasting, bead blasting and sanding.

The placing, spreading, screeding, darbying, trowel finishing of all types of magnesium oxychloride cement composition floors, shall be the work of the Cement Mason: including all types of oxychloride granolithic, resinous, epoxy, m m a (or similar product) and terrazzo composition floors, hand grinding or machine grinding; the preparation of all sub-floor surfaces; the mixing, handling and application of any and all bonding agents by any means or methods; bonding; the preparation and all installation of ground or base courses, steps and cove base. All magnesite composition installation work of the OPCMIA shall be done under the supervision of a competent and qualified Cement Mason.

The waterproofing of all work included in their jurisdiction, such as Thoroseal, Ironite, Plaster weld and any similar products, regard less of the tools used or the method of application, or color of materials used, and regard less of the type of base these materials may be applied to.

All work or processes which represent technological change, replacement, modification or substitution for the work described above. In addition, Cement Masons shall perform any and all work and use any and all new materials or techniques involved in cement construction including but not limited to what is known as green or sustainable construction technology.

Craft: ELECTRICIAN COMMUNICATION TECHNICIAN (Union Rate)
Prevailing wage rates include the base rate as well as all applicable fringes

Installer/Technician.....	62.50
Senior Installer/Technician.....	87.10
Installer/Technician Foreman.....	92.73
Installer/Technician General Foreman	99.36

ADD ZONE RATE

In addition to ELECTRICIAN-Communication Technician rates, add the applicable amounts per hour, calculated based on a radius from City Hall of Las Vegas:

Zone 1	0 to 25 miles	\$0.00
Zone 2	25 to 55 miles	\$3.50
Zone 3	56 to 85 miles	\$4.50
Zone 4	Anything over 85 miles	\$8.50

ADD PREMIUM PAY

One and one-half times (1.5x) the regular straight time rate of pay¹ and one and one-half times (1.5X) the hourly amount of the fringe benefit rate shall be paid:

1. For all hours worked over eight (8) worked in a single day or a shift.

Double times (2x) the regular straight time hourly rate and double (2x) the hourly amount of the fringe benefit rate shall be paid:

1. For all hours worked over twelve (12) hours in a single shift.
2. For any hours worked on a Saturday, Sunday, or Holidays from midnight to midnight.
3. For all hours worked by an employee in a week in which the employer has not established a regular five-day work week daily shift.

HIGH TIME

All employees working within five (5) feet of a direct fall of sixty (60) feet or more shall be paid an additional one-half (0.5) the straight time hourly rate.

FULL PROTECTIVE GEAR

Employees required to wear both full protective clothing (coveralls, bootees, gloves, caps, etc.) and full face respirator shall receive ten percent (10%) above their rate of pay.

SHIFT DIFFERENTIAL

Second Shift (Swing)² will be paid a premium of 15% for all hours worked.

Third Shift (Graveyard)³ will be paid a premium of 30% for all hours worked.

RECOGNIZED HOLIDAYS

New Year's Day, Martin Luther King Jr. Day, Washington's Birthday (President's Day), Memorial Day, Independence Day, Labor Day, Veteran's Day, Thanksgiving Day, Friday following Thanksgiving Day, Christmas Day.

JOB DESCRIPTION: Excerpt from Agreement between NECA and Local Union 357, IBEW.

¹ Base rate of pay

² Eight (8) consecutive hours between 4:30 p.m. and 1:00 a.m.

³ Eight (8) consecutive hours between 12:30 a.m. and 9:00 a.m.

Installation, maintenance, service and testing of all apparatus, fire alarm systems and interconnection cables, including fiber optics and/or ethereal aid associated with systems utilizing the transmission including ultra-high frequencies, video, and digital for the commercial, education, security and entertainment purposes for the following: TV monitoring and surveillance, background music, intercom and telephone interconnect, inventory control systems, microwave transmission, Halon systems, CO2, FM200, intergen, also all other suppression systems, multi-media, multiplex, PCM (Pulse Code Modulation), SCADA (Supervisory Control and Data Acquisition), DAS (Distributed Antenna Systems), nurse call system, radio page, school intercom and sound, burglar alarms and low voltage master clock systems, and data systems that transmit or receive information and control and all other systems which are intrinsic to the above listed systems.

Installations of raceway systems are not covered under the terms of this Agreement (excluding Ladder Rack for the purpose of the above listed systems). Chases and/or nipples (not to exceed 10 ft.) may be installed on open wiring systems. Removal and discarding of all packaging and waste materials related to the above scope of work, excluding demolition waste.

Senior Technician

Pull cable, install and trim devices, terminate loops, circuits or other data gathering points. Terminate energized main control panels, racks or other head end equipment as well as test all circuits from the field to the main control panels and/or equipment. A senior technician will supervise and coordinate all work under this Agreement.

Installer Technician / Installer Technician

Pull cable, trim devices, terminate loops, circuits or other data gathering points. Terminate non-energized main control panels, racks, or other head end equipment, as well as test all circuits from the field device to the non-energized panels and / or equipment. The Installer Technicians and Installer Technician Apprentices shall not energize, or work on any energized circuits, loops or equipment, except under the direction of the onsite Senior Technician.

Craft: ELECTRICIAN LINEMAN/GROUNDMAN/HEAVY EQUIPMENT OPERATOR
(Union Rate)

Prevailing wage rates include the base rate as well as all applicable fringes

Groundman.....	55.58
Lineman.....	84.32
Foreman.....	93.00
General Foreman.....	101.89
Heavy Equipment Operator.....	68.33

ADD PREMIUM PAY

Double time (2x) the straight time rate¹ of pay for all work performed outside of the regular scheduled workday² in a work week³.

SHIFT WORK:

Second shift (swing)⁴ shall receive plus ten percent (10%) for seven and one-half (7.5) hours of an eight (8) hour shift.

Third shift (graveyard)⁵ shall receive plus fifteen percent (15%) for seven (7) hours of an eight (8) hour shift.

RECOGNIZED HOLIDAYS

New Year's Day, Martin Luther King's Birthday, President's Day, Memorial Day, Independence Day, Labor Day, Veteran's Day, Thanksgiving Day, Day after Thanksgiving Day, Christmas Day.

JOB DESCRIPTION: Excerpt from Agreement between Western Line Contractors NECA and Local Union 396, IBEW.

Outside, overhead and underground construction and maintenance work on electrical transmission lines, switch yards, substations and distribution systems which shall include:

Pole line work (whether built of wood, metal or other material): the digging and back-filling of holes for poles or anchors (by hand or mechanical equipment); the loading or unloading, handling, sorting and moving of materials; the assembly or erection of all materials including the guying, stringing of conductors and fiber optics or other work necessary on through to the ultimate completion of such pole work.

Steel or metal structures used for the purpose of carrying electrical wire, conductors, or equipment (this includes transmission towers, outdoor substations, switch racks, or similar electrical structures); the moving of men, tools or equipment; the loading or unloading, handling, sorting and moving of materials; the assembly and erection of all materials used on the job site, including the assembly of the grillage and foundations, on through to the ultimate completion of such structures. Work covered shall include the grounding of all such structures except the bonding of stub-angle to rebar cage; the stringing and installation of wires, cables and insulators or other electrical equipment suspended from structure; also the handling and placing of transformers or O.C.B.'s and other related electrical equipment.

The moving of men, tools or equipment; the loading or unloading, handling, sorting and moving of materials; the assembly of all electrical materials on race-ways such as ducts, shall be performed by workmen under the Agreement. This shall also include CIC (cable in conduit), CC (coillable conduit), the placing of fish

¹ Base rate of pay

² Workday is eight (8) hours between 7:00 a.m. and 3:30 p.m. Upon mutual agreement, the hours and start times may be changed.

³ Work week is five (5) days' work Monday through Friday. Upon mutual agreement, the hours and days may be changed.

⁴ Between 4:30 p.m. and 12:30 a.m.

⁵ Between 12:30 a.m. and 8:00 a.m.

wire, the pulling of cables or wires through such race-ways, installing and making up of termination and the splicing of such conductors.

Street lighting systems where such work properly comes under the outside jurisdiction shall be handled in the same manner as pole line construction.

Installing and maintaining the catenary and trolley work and bonding of rails shall be handled in the same manner as pole line, and steel construction.

In connection with all of the above items, it is understood the scope of this Agreement shall include not only new installation work but shall also govern the repair, maintenance or dismantling of such structures, lines or equipment; the handling and operating of all equipment used to transport men, tools and/or materials on the job site as well as the equipment used to move, raise or place materials used in the Outside Branch of the Electrical Industry shall be performed by workmen under this Agreement unless otherwise excluded herein.

Craft: ELECTRICIAN – NEON SIGN (Union Rate)
Prevailing wage rates include the base rate as well as all applicable fringes

Electrician Neon Sign Journeyman.....	69.68
Electrician Neon Sign Foreman.....	71.68
Electrician Neon Sign Truck Foreman supervising (4) or more.....	74.18

ADD PREMIUM PAY

One and one-half (1.5) the regular straight time hourly rate shall be paid: For all hours worked over eight (8) hours in one day or shift, either before or after the shift. For up to eight (8) hours worked on Saturday from midnight to midnight.

Double (2x) the regular straight time hourly rate shall be paid for all time: For all hours worked over eleven (11) hours in one day or shift, Monday thru Friday. For all hours worked in excess of eight (8) hours on Saturday. For all hours worked Sundays or Holidays¹.

HIGH TIME (Working at heights)

All employees working at height of 65 feet and subject to a direct fall shall be paid an additional \$2.75 per hour for a minimum of 2 hours. All employees working at height of 125 feet or when repelling below 65 feet shall be paid an additional \$4.00 per hour for a minimum of 4 hours.

SHIFT DIFFERENTIAL

Second Shift (Swing)² will be an additional \$1.25 per hour.

Third Shift (Graveyard)³ will be an additional \$1.50 per hour.

RECOGNIZED HOLIDAYS

New Year's Day, Martin Luther King Day, President's Day, Memorial Day, Independence Day, Labor Day, Veteran's Day, Thanksgiving Day, Friday after Thanksgiving Day, Christmas Eve ½ day (4 hours), Christmas Day.

JOB DESCRIPTION: Excerpt from Agreement between NECA and Local Union 357, IBEW.

Installing, servicing and repairing plastic, neon and illuminated signs.

Ascending ladders or operating hydraulic or electric hoist to install, service, or examine sign to determine cause of malfunction.

Wiring, rewiring or removing defective parts and installing new parts using electrician's tools.

Removing sign or part of sign for repairs, such as structural fabrication, scroll repair, or transformer repair.

¹ The following Monday shall be observed when a holiday falls on Sunday. Holidays falling on Saturday shall be observed the preceding Friday.

² Eight (8) continuous hours between 12:00 pm and 11:30 p.m.

³ Eight (8) continuous hours between 8:00 p.m. and 7:30 a.m.

Craft: ELECTRICIAN WIREMAN (Union Rate)
Prevailing wage rates include the base rate as well as all applicable fringes

Wireman.....	86.46
Wireman-Cable Splicer.....	86.98
Wireman Foreman.....	93.13
Wireman General Foreman.....	99.79

ADD ZONE RATE

In addition to ELECTRICIAN-Wireman rates, add the applicable amounts per hour, calculated based on a radius from City Hall of Las Vegas:

Zone 1	0 to 25 miles	\$0.00
Zone 2	25 to 55 miles	\$3.50
Zone 3	56 to 85 miles	\$4.50
Zone 4	Anything over 85 miles	\$8.50

ADD PREMIUM PAY

One and one-half (1.5) times the regular straight time¹ rate of pay and one and one-half (1.5) the hourly amount of the fringe benefit rate shall be paid for all hours worked over eight (8) hours in a single day or shift.

Double (2x) the regular straight time hourly rate and double (2x) the hourly amount of the fringe benefit rate shall be paid: for all hours worked over twelve (12) hours in a single day or shift; for any hours worked on Saturday, Sunday, or Holidays from midnight to midnight; for all hours worked by an employee in a week in which the employer has not established a regular five-day work week daily shift.

Wiremen when welding shall be paid a premium of five percent 5% over their normal rate of pay.

HIGH TIME: All employees working within five (5) feet of a direct fall of sixty (60) feet or more shall be paid an additional one-half (0.5) times the straight time hourly rate.

FULL PROTECTIVE GEAR: Employees required to wear both full protective clothing (coveralls, bootees, gloves, caps, etc.) and full face respirator shall receive ten percent (10%) above their rate of pay.

SHIFT DIFFERENTIAL

Second Shift (Swing)² will be paid a premium of 15% for all hours worked.

Third Shift (Graveyard)³ will be paid a premium of 30% for all hours worked.

RECOGNIZED HOLIDAYS

New Year's Day, Martin Luther King Jr. Day, Washington's Birthday (President's Day), Memorial Day, Independence Day, Labor Day, Veteran's Day, Thanksgiving Day, Friday following Thanksgiving Day, Christmas Day.

JOB DESCRIPTION: Excerpt from Agreement between Southern Nevada Chapter NECA and Local Union 357, IBEW.

¹ Base rate of pay

² Eight (8) consecutive hours between 4:30 p.m. and 1:00 a.m.

³ Eight (8) consecutive hours between 12:30 a.m. and 9:00 a.m.

Workmen employed under the terms of this Agreement shall perform all electrical electronic construction, installation or erection work and all electrical-electronic maintenance thereon, including the final running tests.

This shall include the installation and maintenance of temporary wiring and the installation of all electrical lighting, heating and power equipment.

This agreement covers the installation, construction and maintenance of any electrical system that is covered by the National Electrical Code. The contractor and the workers employed under the terms of this agreement shall perform the following work: Blueprint reading, layout, the handling, moving and installation and/or removal of all electrical or electronic material, equipment or apparatus including rigging, forklift operations, movement and transport of all electrical equipment and material by any means; install all raceways, temporary or permanent whether inside, outdoors, underground, concealed, surface or overhead, and poles specifically used to support electrical fixtures or equipment. Raceways are to include any enclosed metallic or nonmetallic materials and their encasement, designed expressly for holding electrical wires, cables or bus bars and the support thereof. The installation of bonding and grounding systems, lightning protection, cathodic protection, current carrying conductors, fiberoptic conductors, cables, pull ropes or wires and the operation of equipment to install such; energized or de-energized systems; all electrical or electronic construction and erection work; installation and connecting of motors, controllers, generators, all lighting fixtures, supports and controllers. The work shall also include installing temporary lighting, landscape lighting, lighting systems and the adjusting, focusing or refocusing thereof. Installation of all electrical and electronic equipment, electronic systems, communication systems, photovoltaic systems, solar and wind generating systems, fire alarm, voicedata-video systems, audio, security, CCTV, and surveillance with all related control wiring, terminations and devices, up to and including the final running test and any related instrumentation work. Such work as welding, heat stress for welds, burning, brazing, bending, drilling and shaping of all copper, channel iron, angle iron, I beams and brackets to be used in connection with the installation and erection of electrical wiring or equipment. The installation and maintenance of all temporary wiring and of all electrical lighting, heating, power equipment and generating systems. The cutting, threading, bending of all conduit whether metallic or non-metallic, by hand or machine and installation of such conduit.

The work also covers the installation of street lighting, traffic signals and intelligent transportation systems and all associated work. Removal and discarding of all packaging and waste materials related to the above scope of work, excluding demolition waste. All work, including medium voltage (15KV), of joining, splicing, and insulating, and the placing of flame proof covering where wiped lead joints are necessary, shall be performed by cable splicers. Journeymen only shall be used in assisting cable splicers. Cable splicers shall not be required to work on wires or cables where the difference in potential is over three hundred (300) volts between any two (2) conductors or between any conductor and ground, unless assisted by another journeyman. In no case shall cable splicers be required to work on energized cables carrying in excess of four hundred and forty (440) volts.

Craft: ELEVATOR CONSTRUCTOR (Union Rate)
Prevailing wage rates include the base rate as well as all applicable fringes

Elevator Constructor-Journeyman Mechanic.....	109.47
Elevator Constructor-Journeyman Mechanic In Charge.....	118.15

ADD ZONE RATE

In addition to Elevator Constructor Mechanic and Elevator Constructor Mechanic in Charge rates, add the applicable amounts per day, calculated based on a radius from City Hall of Las Vegas:

Zone 1	0 to 15 miles	\$0.00
Zone 2 - Mechanic	15 to 25 miles	\$48.715
Zone 2 – Mechanic In Charge	15 to 25 miles	\$53.055
Zone 3 – Mechanic	25 to 35 miles	\$97.430
Zone 3 – Mechanic in Charge	25 to 35 miles	\$106.110
Zone 4 – All Constructors	35 miles and beyond	\$104.145 ¹

ADD PREMIUM PAY

Work performed on Saturdays, Sundays, holidays, and before and after the regular working day² shall be classed as overtime and paid at double (2x) the rate of single time.

RECOGNIZED HOLIDAYS³

New Year's Day, Memorial Day, Independence Day, Labor Day, Veterans' Day, Thanksgiving Day, Friday after Thanksgiving Day, Christmas Day.

JOB DESCRIPTION: Excerpt from Agreement of International Union of Elevator Constructors Local 18.

Renewal of all ropes.
Renewal of brake linings (except small machines).
Shortening of all hoisting and counterweight cables.
Replacement of any traveling cable exceeding 50 feet in length.
Safety test where test weights are required.
Replacement of crosshead, counterweight or deflector sheave bearings.
Rescoring of sheaves or drums.
Replacement of worm and gears.
Rebabbiting of bearings.
Hydraulic repair work except cleaning, oiling, greasing, belts, small valves, adjusting and one man pressure relief valve test performed.
Adjusting or readjusting using test weights.
Realigning guide rails.
Replacing crossheads, stiles, safeties or equalizers.
Hoistway door closers with hydraulic or pneumatic checks.
Installing sound isolation.
Replacement of door hangers (except for freight bi-parting doors).
All door closer work (except for freight biparting doors).
Rewiring car switches, governors and selectors or any other apparatus in the car.
Refastening guide rails.
Replacing or repairing car floor covering.

¹ Paid for seven (7) days if the Constructors return any day the following week.

² Eight (8) consecutive hours with an unpaid lunch period, between 6:00 a.m. and 5:00 p.m., five (5) days per week, Monday to Friday, inclusive.

³ When a paid holiday falls on Saturday, it shall be observed on Friday. When a paid holiday falls on Sunday, it shall be observed on Monday.

Rewiring or reinstalling limit switches.
Replacing automatic rail or track oilers.
Armature repairs.
Renewing of car shoes or roller guides.
Repairs to cab or car gate. Renewal of motor bearings.
Replacing thrust bearings.
Rewiring controllers.
Installation and/or replacement of the following (except when the completion of such work requires more than eight (8) hours, excluding travel time, it shall be performed by a team): Proximity devices (door protection only).
Emergency lighting (battery chargers and lights).
Braille Plates.
Telephones/Communication Devices (with existing wiring and box in place).
Fixture Cover Plates (no wiring).
Key switches/Security devices (with existing wiring, excluding full Fireman's Service Operation). Controller
Wiring Changes (minor changes).
Fixture Replacement (in existing locations only).
Replacement of relays, timers, or mechanical devices with solid state devices and circuitry.
The replacement of equipment on existing elevator installations.
When escalators are prepared and/or disassembled for cleaning, oiling, greasing, adjusting and minor replacement, (minor replacement meaning work requiring one (1) hour or less), the work shall not be classed as repair work. When escalators are prepared and/or disassembled for cleaning, etc., purposes as mentioned above, and any replacement and/or repairs requiring more than one (1) hour, only the replacement and/or repairs shall be classed as repair work. When escalators are prepared and/or disassembled primarily for replacement and/or repairs, all work shall be classed as repair work.

Craft: FENCE ERECTOR (Union Rate)

Prevailing wage rates include the base rate as well as all applicable fringes

[SEE LABORERS GROUP 1](#)

Craft: FIELD SOILS AND MATERIAL TESTER
BUILDING/CONSTRUCTION INSPECTOR
(Union Rate)

Prevailing wage rates include the base rate as well as all applicable fringes

Group 1.....	98.48
Group 2.....	100.26
Group 3.....	102.26

ADD ZONE RATE

In addition to: **OPERATING ENGINEER, CRANES, PILEDRIVING, & HOISTING EQUIPMENT, SURVEYOR AND TUNNEL** rates add the applicable amounts per hour calculated from the City Hall of Las Vegas, Nevada:

Zone 1	0 to 50 miles	\$0.00
Zone 2	50 to 60 miles	\$4.00
Zone 3	60 miles and over	\$4.50

ADD PREMIUM PAY

All time worked before 5:00 A.M. and after 4:30 P.M., or all time worked in excess of eight (8) consecutive hours, exclusive of meal periods, and all work performed on Saturdays, Sundays, and holidays, shall be paid at the applicable overtime rate. Overtime: First four (4) hours outside the regularly constituted shift¹ shall be at the rate of time and one-half (1.5). All additional hours shall be at double (2x) time. On Saturday work, the first twelve (12) hours shall be at time and one-half (1.5), and all additional hours at double (2x) time. Sundays shall be double (2x) time. Holidays shall be double (2x) time.

Tool Allowance: all Heavy Duty Repairmen or Heavy Duty Repairman Combinations will receive an additional one dollar and 50/100 (\$1.50) per hour tool allowance.

Operators on Hoists with Three (3) Drums will receive an additional fifty cents (\$0.50) per hour added to the regular rate of pay and become the base rate for the entire shift.

Hazardous Material Pay: Two dollars (\$2.00) per hour will be added to the wage rate.

RECOGNIZED HOLIDAYS

New Year's Day, President's Day, Memorial Day, Independence Day, Labor Day, Veteran's Day, Thanksgiving Day, Day after Thanksgiving Day, Christmas Day and the first (1st) Saturday, following the first (1st) Friday in the months of June and December each year. If any of the above holidays fall on Sunday, the Monday following shall be considered a holiday. If Christmas or New Year's should fall on a Saturday, the Friday preceding shall be considered a holiday.

JOB DESCRIPTION [See Operating Engineers](#)

¹ The starting time of single shifts shall be at 5:00 A.M., 5:30 A.M., 6:00 A.M., 6:30 A.M., 7:00 A.M., 7:30 A.M., or 8:00 A.M., Monday through Sunday. Starting Time shall be changed only to meet a bona fide job requirement. Starting times shall not be staggered. Written notice shall be given.

Craft: FLAG PERSON (Union Rate)

Prevailing wage rates include the base rate as well as all applicable fringes

[SEE LABORERS GROUP 1A](#)

Craft: FLOOR COVERER (Union Rate)
Prevailing wage rates include the base rate as well as all applicable fringes

Floor Coverer Journeyman.....	66.87
Floor Coverer Foreman.....	76.90

ADD PREMIUM PAY

One and one half (1.5) the regular straight time hourly rate shall be paid: For the first three (3) hours worked over eight (8) on a regular five (5) day week¹. For all hours worked on Saturday. Employees shall not work less than four (4) hours.

Double the regular straight time hourly rate shall be paid for all time: For all hours worked beyond eleven (11) hours. For all hours worked on Saturday beyond eight (8) hours. For hours worked Sunday and Recognized Holidays. Employees shall not be employed for less than four (4) hours.

Work performed on Labor Day shall be paid at a rate of two and one half (2.5) times.

RECOGNIZED HOLIDAYS²

New Year's Day, President's Day, Memorial Day, Independence Day, Labor Day, Veteran's Day, Thanksgiving Day, Day after Thanksgiving Day, Christmas Day.

SHIFT DIFFERENTIAL³

All work performed between the hours of 8:00 p.m. and 4:00 a.m. will be compensated at 20% per hour in addition to the applicable wages. Overtime that falls between these hours will still be paid at the appropriate overtime rate.

JOB DESCRIPTION: Excerpt from Floor Coverers Local 1512 Master Agreement between Painters and Allied Trades DC 16 and Nevada Contractors Association.

The installation of resilient flooring, wall, ceiling and countertop materials commonly referred to as carpet, linoleum, vinyl, rubber, cork, asphalt, vinyl composites, synthetic grass, wood, epoxy, urethane, plastics, metal, and all similar materials in sheet, tile, or liquid form;

Installation on floors, walls, ceilings, stairs, countertops, fixtures, furnishings, or exterior applications on structures, patios, pool perimeters, area ways, all other like or similar applications, whether permanent or temporary;

Measuring, cutting, fabrication, packaging, pickup, delivery and handling of materials and tools that are used by the floorcovering industry;

Preparatory removal of floorcovering, wallcovering, adhesive and underlayments. The sanding, patching, sealing, and priming of the installation surface;

Installation of lining felt, carpet, pad, underlayment compositions, leveling compounds, or any material used as a base for the finished surface;

¹ The normal workweek for each employee will be forty (40) hours per week, Monday through Friday.

² A holiday that falls on Sunday shall be observed the following Monday. A holiday falling on Saturday shall be observed the preceding Friday.

³ The workday shall be eight (8) consecutive hours between 4:00 a.m. and 8:00 p.m.

Applications and fitting of fasteners, protective and decorative trim relating to the installation such as tackless strip, tape, nosing, top set or butt-to-base, cap, corner beads, edging, hinging, and all other accessories, and related sundries;

Repair, finishing, coating, sculpturing, banding, insets, and such other processes relating to the industry;

Installation of decorative moldings and accessories attached with adhesive such as those manufactured by Johnsonite and other manufacturers.

The loading, unloading and operation of work trucks utilized by employees classified herein. Such vehicles shall be defined to mean those that are driven from the shop to the job and from job-to-job and job-to-shop and which remain at the job site while the employees are engaged in the performance of work covered by the contract.

It shall further cover and apply to the stocking and handling of all material herein above listed after the first unloading by common carrier.

Craft: GLAZIER (Non-Union Rate)¹
Prevailing wage rates include the base rate as well as all applicable fringes

Glazier Journeyman.....35.25

JOB DESCRIPTION:

- Install glass in windows, skylights, store fronts, and display cases, or on surfaces, such as building fronts, interior walls, ceilings, and tabletops.
- Read and interpret blueprints or specifications to determine size, shape, color, type, or thickness of glass, location of framing, installation procedures, or staging or scaffolding materials required.
- Determine plumb of walls or ceilings, using plumb lines and levels.
- Install pre-assembled metal or wood frameworks for windows or doors to be fitted with glass panels, using hand tools.
- Fabricate or install metal sashes or moldings for glass installation, using aluminum or steel framing.
- Operate cranes or hoists with suction cups to lift large, heavy pieces of glass.
- Set glass doors into frames and bolt metal hinges, handles, locks, or other hardware to attach doors to frames and walls.
- Cut, fit, install, repair, or replace glass or glass substitutes, such as plastic or aluminum, in building interiors or exteriors or in furniture or other products.
- Drive trucks to installation sites and unload mirrors, glass equipment, or tools.
- Load and arrange glass or mirrors onto delivery trucks, using suction cups or cranes to lift glass.
- Measure mirrors and dimensions of areas to be covered to determine work procedures.
- Cut and attach mounting strips, metal or wood moldings, rubber gaskets, or metal clips to surfaces in preparation for mirror installation.
- Pack spaces between moldings and glass with glazing compounds and trim excess material with glazing knives.
- Assemble, erect, or dismantle scaffolds, rigging, or hoisting equipment.
- Cut and remove broken glass prior to installing replacement glass.
- Secure mirrors in position, using mastic cement, putty, bolts, or screws.
- Measure and mark outlines or patterns on glass to indicate cutting lines.
- Grind or polish glass, smoothing edges when necessary.
- Fasten glass panes into wood sashes or frames with clips, points, or moldings, adding weather seals or putty around pane edges to seal joints.
- Score glass with cutters' wheels, breaking off excess glass by hand or with notched tools.
- Cut, assemble, fit, or attach metal-framed glass enclosures for showers, bathtubs, display cases, skylights, solariums, or other structures.
- Prepare glass for cutting by resting it on rack edges or against cutting tables and brushing thin layer of oil along cutting lines or dipping cutting tools in oil.
- Move furniture to clear work sites and cover floors or furnishings with drop cloths.
- Confer with customers to determine project requirements or to provide cost estimates.
- Select the type or color of glass or mirror according to specifications.
- Measure, cut, fit, and press anti-glare adhesive film to glass or spray glass with tinting solution to prevent light glare.
- Assemble and cement sections of stained glass together.
- Create patterns on glass by etching, sandblasting, or painting designs.

¹ Job description copied from O*NET OnLine

Craft: Highway Striper (Union Rate)
Prevailing wage rates include the base rate as well as all applicable fringes

[SEE LABORERS GROUP 1](#)

Craft: Hod Carrier-Brick Mason Tender (Union Rate)
Prevailing wage rates include the base rate as well as all applicable fringes

[SEE LABORERS GROUP 3](#)

Craft: Plasterer Tender (Union Rate)
(Formerly known as Hod Carrier-Plasterer Tender)
Prevailing wage rates include the base rate as well as all applicable fringes

[SEE LABORERS GROUP 8](#)

Craft: Ironworker (Union Rate)

Prevailing wage rates include the base rate as well as all applicable fringes

Ironworker - Journeyman.....	87.86
Ironworker - Foreman.....	92.96

ADD ZONE RATE

In addition to IRONWORKER rates, add the applicable amounts per day, calculated based on a road mile from the Las Vegas City Hall in Las Vegas, Nevada:

60 – 75 miles	\$35.00 per day
75 – 100 miles	\$65.00 per day
100 miles and over	\$80.00 per day
Each additional 50 miles	\$35.00 per day

ADD PREMIUM PAY

One and one half (1.5) the regular straight time hourly rate shall be paid: For the first two (2) hours worked in excess of eight (8) on a regular workday¹, Monday through Friday. For the first eight (8) hours on Saturday.

Double the regular straight time hourly rate shall be paid for all time: For all hours worked over ten (10) hours in one day or shift. For any hours worked on Sunday. For all hours worked over eight (8) on Saturday. For all hours worked on Holidays.

SHIFT DIFFERENTIAL

Second shift² add 6% of hourly wage

Third shift³ add 13% of hourly wage

RECOGNIZED HOLIDAYS

New Year's Day, Martin Luther King Jr. Day, President's Day, Memorial Day, Independence Day, Labor Day, Admission Day, Veterans Day, Thanksgiving Day, Day after Thanksgiving Day, Christmas Day.

JOB CLASSIFICATION: Excerpt from Agreement between NV AGC and DC of Ironworkers, Local 416.

All work in connection with field fabrication and/or erection or deconstruction of structural, ornamental and reinforcing steel, including but not limited to the fabrication, rigging and signaling, erection and construction of all iron and steel, ornamental lead, bronze, brass, copper and aluminum, plastics and all other substitute materials, including, but not limited to, composites, carbon fiber and fiberglass, all barrier railings, handrail, aluminum, steel, glass and plastic, reinforced concrete structures or parts thereof; bridges, viaducts, inclines, dams, docks, dredges, vessels, locks, gates, guides, aqueducts, reservoirs, spillways, flumes, caissons, cofferdams, subways, tunnels, cableways, tramways, monorails, blast furnaces, stoves, kilns, coolers, crushers, agitators, pulverizers, mixers, concentrators, ovens, cupolas, roof decking such as but not limited to "Cofar", "Trusdeck", Mahon "M"; smoke conveyors, penstocks, flag poles, drums, shafting, shoring, fur and storage rooms, fans and hot rooms, stacks, bunkers, conveyors, dumpers, elevators, vats, tanks, enamel tanks, enamel vats, towers, pans, hoppers, plates, anchors, caps, corbels, lintels, Howe and combination trusses, grillage and foundation work, grating, bucks, partitions, hanging ceilings, hangers, clips, brackets, flooring, floor construction and domes, rolling shutters, curtains, frames; aluminum, rolling fire, won and iron doors, including supports; cast tiling, air ducts, duct and trench frames and plates; wire

¹ Eight (8) hours shall constitute a day's work from 5:00 a.m. to 5:00 p.m. from Monday through Friday inclusive.

² Shall not start later than 5:30 p.m.

³ Shall not start later than 2:30 a.m.

work, railings, wire cable including pipe, guards, fencing, grill work, sidewalk and vault lights, skylights, roofs, canopies, light steel framing, marquees, awnings, the erection and installation of playground equipment to include bolting, fastening, welding of swings, slides, jungle gyms, footings and other related equipment elevator and dumb waiter enclosures, elevator cars, tracks, fascias, aprons, operating devices, steel and aluminum sash, hardware and screens, frames, fronts, lockers, racks, book stacks, tables, shelving, metal furniture, seats, chutes, escalators, stairways including pre-engineered stairs, ventilators, boxes, fire escapes, signs, jail and cell work, safes, vaults, vault doors, safe deposit boxes, corrugated sheets when attached to steel frames, including insulation; frames in support of boilers; materials altered in field such as framing, cutting, bending, drilling, burning and welding including by acetylene gas and electric machines; metal forms and false work pertaining to concrete construction; seismic isolation systems and dampening systems including base isolators, sectional water tube and tubular boilers and stokers; traveling sheaves, vertical hydraulic elevators, bulkheads, skip hoists, making and installation of articles made of wire and fibrous rope, rigging in connection with pumps, compressors, forced and induced draft fans, air meters, Bailey meters, agitators, oxygen converters, cinder machines, pelletizing machines, reactor vessels, reactor spheres, completed tanks and assembled sections of completed tanks, scroll cases, refineries, hydroelectric power houses and steam plants, cogeneration plants, vessels and government departments; false work, travelers, scaffolding, pile drivers, sheet piling, derricks and powered derrick swinger including the erection, installation, handling and operating. Cranes erection, installation, handling and operating of same on all forms and types of construction work. The operation of Valla and Spider type battery and/or propane powered portable floor cranes having no operator seat utilized to install ironworker scope of work and the same on all forms and types of construction work. Crane work at the ports, including hammer-head cranes, container cranes and rubber tire cranes. Offloading, relocations, and commissioning of all burning and removal of sea bracing track layout; erection of apex boom extensions, back reach extensions, and rail replacement. Includes all welding, containment and structural modifications of the aforementioned items; railroad bridge work including maintenance thereof; moving, hoisting and lowering of machinery, modules, skid modules and placing of same on foundation, including bridges, cranes, intermittent use forklifts, derricks, buildings, piers and vessels; loading, unloading, necessary maintenance, erection, installation, removal, wrecking and dismantling of all of the above and all reinforcing work and submarine diving in connection with or about same; erection of steel towers, chutes and spouts for concrete where attached to towers and handling and fastening of cables and guys for same; unloading, racking, sorting, cutting, bending, hoisting, placing and tying including the use of any and all mechanical tying devices, burning and welding including stud welding of all iron, steel and metal in reinforced concrete construction including mesh for floor arches and the making of hoops and stirrups, metal forms and metal supports thereof; jacking of slip forms, installation of all wire, cable, parabolic cans, steel and all other materials, including, but not limited to, composites, carbon fiber and fiberglass, used for the purposes of prestressing including grouting of ducts, post stressing concrete girders, beams, columns, etc.; loading, unloading, hoisting, handling, signaling, placing and erection of all prestressed, post stressed, precast materials, G.F.R.C., Dryvit System, including the securing by bolting and/or welding and the installation of steeltex and wire mesh of any type when used for reinforced concrete construction; erection of all curtain wall; glass handrail; stay in place deck; automated and/or mechanical parking structures; offloading, staging, hoisting and setting of modular structures and micro-units; curtain wall systems and associated sealants. Window wall and entrances, panels, insulated and non-insulated, factory and field assembled, porcelain enameled panels, ceramic, laminated spandrelite, louvers and sunscreens; application of thiokol, neoprene and other sealants used to seal materials installed by Iron Workers; installation and handling of phenolic panels, including but not limited to, Trespa products and all similarly related materials and/or systems; installation of metal window stools and sills; installation of aluminum, bronze and steel thresholds; erection and dismantling of all types of cranes and changing of booms; erection of rock, sand and gravel plants, dismantling and loading out conveyors, aggregate plants, batch plants, abeleways, refrigeration plants, etc.; erection and dismantling of Monigan walking dragline, launchhammer bucket wheel excavator and other trenching equipment; signaling on highlines, whirley cranes and derricks, buck hoists, man hoists, fork lifts, material towers and scanning antennae; metal and steel supports of all types; fabrication, assembling and erection of offshore drilling platforms or similar installations; dust collectors, precipitators, multi-plate, specialty welding

processes, unloading, loading, hoisting, handling and rigging of all building materials delivered to the job site; hanging ceilings, tees, channels, beams, acoustical elements, sound barriers, computer floors, etc.; installation of stage rigging (including counterweights), curtains, draperies, traverse rods, tracks, cables, window cleaning equipment, powered work platforms, including and loading and unloading, erection installation and removal of powered chassis mounted elevating mast climbing work platforms, rigging in connection with display shows; ski lifts, etc.; wrecking of bridges, viaducts, elevated roads and structural steel and iron in buildings; all steel frames for openings, all porches, verandas, canopies and balconies; all overhead travelers, duo rails, tram rails; erection, setting, repairing of guard or collision rails on bridges and approaches, road ways or any other structures; handling and setting of all types of steel and metal joists, including metal box joists for truss lab and preformed keystone shaped metal joists; erection of steel and metal houses and packaged buildings; all translucent and plastic material on steel frame construction; the erection of solar energy systems, including but not limited to, photo voltaic, heliostat and parabolic systems, energy producing windmill type towers, wind turbine erection to included, but not limited to, prep work, boltup, tensioning or torque of bolts on base and all tower section turbine and blade assemblies; nuclear reactors, electromagnetic shielding plates and atomic vessels including all component parts; the plumbing, aligning and leveling of all materials and equipment through the use of optical instruments, LASER beams, etc., and the use of instruments to establish layout, installation and disposition of ironworker installed scope of work, excluding any independent 3rd party surveyor work; the unloading, distributing, stockpiling and handling of all materials coming under the jurisdictional claims of the UNION such as to rail heads, storage yards, loading and unloading, hoisting, handling, signaling of all fabricated material and equipment at the jobsite (except FOB deliveries) related to the Iron Workers jurisdiction that is within the individual employers' contractual scope of work including from and to barge and ships to a lay down yard or construction project, etc., shall be done by the Iron Workers.

All reinforcing work in connection with field fabrication, including but not limited to the pre-assembly of reinforcing cages, loading and unloading, handling, racking, sorting, cutting, bending, hoisting, intermittent use of forklifts, placing, burning, welding and tying of all material including the use of any and all mechanical tying devices, or substitute materials, including but not limited to, composites, carbon fiber and fiberglass, stainless steel, used to reinforce concrete construction shall be done by Iron Workers within the individual employers' scope of work at the jobsite, excluding FOB deliveries. A working Iron Worker shall be employed for maintenance on jobs of substantial size while concrete is being poured on reinforcing steel, wire mesh and paper back steeltex but will not be required as a stand-by man. All work in connection with the installation, alignment, repair & modification of panelized roofing systems, pre-engineered fabric structures, aluminum clarifier coverings, carports, ministorages, and dock planks. All work in connection with the installation, alignment, repair and modification of bleachers, planking and stadium seating. All work in connection of installation of amusement rides including, but not limited to, the erection and alignment of all track, machinery and related components.

Craft: Laborer (Union Rate)
Prevailing wage rates include the base rate as well as all applicable fringes

Journeyman	
Group 1.....	72.12
Group 1A.....	70.62
Group 2.....	72.33
Group 3.....	72.43
Group 3A.....	73.43
Group 4.....	72.52
Group 5.....	72.62
Group 6A.....	85.28
Group 6B.....	84.78
Group 6C.....	84.53
Group 6D.....	85.14
Group 6E.....	84.78
Group 6F.....	91.24
Group 7.....	72.43
Group 8.....	73.52
Foreman	
Group 1.....	75.97
Group 1A.....	74.32
Group 2.....	76.20
Group 3.....	76.31
Group 3A.....	77.41
Group 4.....	76.41
Group 5.....	76.52
Group 6A.....	90.45
Group 6B.....	89.90
Group 6C.....	89.62
Group 6D.....	90.30
Group 6E.....	89.90
Group 6F.....	97.01
Group 7.....	76.31
Group 8.....	77.51
General Foreman	
Group 1.....	80.21
Group 1A.....	78.39
Group 2.....	80.46
Group 3.....	80.58
Group 3A.....	81.79
Group 4.....	80.69
Group 5.....	80.81
Group 6A.....	96.14
Group 6B.....	95.53
Group 6C.....	95.22
Group 6D.....	95.97
Group 6E.....	95.53

Group 6F.....	103.35
Group 7.....	80.58
Group 8.....	81.90

ADD ZONE RATE

In addition to: Laborer rates add the applicable amounts per hour, calculated based on a miles from the City Hall of Las Vegas, Nevada:

Zone 1	0 to 50 miles	\$0.00
Zone 2	50 miles and Over	\$5.00

ADD PREMIUM PAY

All time worked in excess of eight (8) hours, exclusive of lunch period, in a twenty-four (24) hour period or all time worked in excess of forty (40) hours per week, and all time worked before 4:30 a.m.¹ and after 4:30 p.m., and all work performed on Saturdays, Sundays, and holidays shall be paid at the applicable overtime rate. The first three (3) hours worked outside the regular constituted shift² shall be at the rate of time and one half (1.5x). All additional hours shall be at double (2x) time. On Saturday work, the first ten (10) hours shall be time and one half (1.5x) and all additional hours at double (2x) time. Sundays and holidays shall be at double (2x) time.

PROTECTIVE GEAR

An additional fifty cents (\$0.50) per hour above base recognized group rates when wearing protective suit or respirator.

RECOGNIZED HOLIDAYS³

New Year's Day, President's Day, Memorial Day, Independence Day, Labor Day, Veteran's Day, Thanksgiving Day, Friday after Thanksgiving Day, and Christmas Day.

JOB DESCRIPTION: From Labor-Management Construction Agreement between Nevada Contractors Association and Laborers International Union of North America No. 872.

All watchmen, flagmen (all crafts), fire watchmen, traffic control person, including the operation of appropriate vehicles, laborers, construction specialists, concrete specialists, foremen (general, grade, pipe, concrete, forms, seeding, asphalt, clearing and grubbing, clean-up stone-laying) in the performance of: the laying of all types of pipe and conduit; the spreading, and pouring and raking and tamping of all asphalt and concrete materials and the bull floating (strike off) of all concrete; the laying of all types of stone or manufactured curb, rip-rap, paving blocks, concrete blocks (paving), slope paving, Belgium Block; assembling and placing of Gabion and all similar types of baskets; the handling, loading and unloading and stringing of all materials, the handling, loading and stringing of all wood products by hand or power; the sharpening of all air tool bits and drills and bull points; laying, spreading and storing of all tarpaulins, the operation and maintenance of Bo Mag Rollers; (tending of all Crafts regardless of work being performed in Southern Nevada by any and all methods; any and all types of heaters, fans, air conditioners, or other cooling devices to be tended, handled and fueled by laborers at all times; the handling, laying and placing of forms used for curbing, gutters, roads, and sidewalks and the stripping of same, the placing, setting and maintenance of all flares, blinker lights and reflectors; the cutting and chipping of all joints; the handling, loading, unloading, distributing and erecting of chain-link fence; handling and erecting of wire fence;

¹ An early start time may be worked between the hours of 2:00 a.m. and 5:00 a.m. when concrete pour crews work in connection with another craft.

² Eight (8) consecutive hours, exclusive of lunch period, between 4:30 a.m. and 4:30 p.m., shall constitute a day's work, [and] forty (40) hours, Monday 4:30 a.m. through Friday 4:30 p.m., shall constitute a week's work.

³ If any holidays should fall on Sunday, the Monday following shall be considered a holiday.

overhead signs; handling and moving all furniture; handling and placing of wire mesh on roads and bridges; guard rails; the sandblasting and applying of sealers and hardeners and epoxy on concrete and asphalt work; asphalt striping and other asphalt painting; the nozzle operations on sandblasting and guniting operations; the signing of all materials, manufactured or otherwise, which are handled or put in place by laborers, the handling, the loading and unloading and distribution and installation of all guard rails, highway signs, and road markers; attending to, handling, and fueling single diaphragm pumps, insulation pumps, plasterer pumps, monocoat pumps, grout pumps, and pumps up to and including 2" pumps; laying out, moving, connecting, storing and handling all hoses for all pumps; the operating of all types of machines used to seal any type of joints; the operating and servicing of mortar mixers (including, but not limited to, maxi mixers and/or mega mixers) and conveyers used in laborers' and bricklayers work regardless of number; the operating and servicing of all rock drilling machines; the blasting and dynamiting of all rock; welding (excluding machinery, tools, structural steel); installation of manholes and catch basins; the placing of all pre-cast and pre-stressed materials, except when placed or installed by the manufacturer pursuant to its collective bargaining agreement; handling, unloading, loading, assembling and laying of all multiplate; the operating of all air, gas, electric, oil and other types of motor driving tools including all pusher type equipment; all walk behind saws, all concrete saws, drilling and coring equipment; all casings and augers on all drilling rigs; the handling, tending and maintaining of all generators; lasers when used for laborers work on grading, setting and leveling; landscape nurseries; sound barrier installation; demolition or dismantling for all purposes; hazardous waste work to include chemical cleanup, drum handlers, transformers, divers, infra-red destruction machines, plasma arc plants, warehouse storage loading and unloading, safety men, asbestos removal, video x-ray operation; the unloading, loading, handling, stringing, and tending of all brick, all block, all stone and all other masonry products; the paving of all stone and brick products; mason finisher; water proofing, IBC barrier, except on structures; the operating and maintaining of the hydraulic seeder, concrete curb machine, asphalt curb machine, snorkel, stump remover, self-propelled concrete saw, hydraulic motorized pin puller, scissor cars and all aerial man lifts. Bobcat incidental to trade and forklift. Installation and maintenance of all playground fixtures and equipment. The foregoing applies in the performance of all the aforementioned work and all other work coming under the jurisdiction of LIUNA unless state or local requirements dictate otherwise

This Agreement also covers all removal, abatement, encapsulation or decontamination of asbestos, lead and other toxic and hazardous waste or materials, which shall include but not be limited to: the erection, building, moving, servicing and dismantling of all enclosures, scaffolding, barricades, decontamination facilities, negative air machines for asbestos removal, etc.; the operation and servicing of all tools and equipment normally used in asbestos removal or abatement of such waste or materials, including, without limitation, negative air machines for asbestos removal; the sorting, labeling, bagging, cartoning, crating, packaging and movement of such waste or materials for disposal; the clean-up of work site and all other work and stand-by time incidental to the removal, abatement, encapsulation or decontamination of such waste or materials; and the performance of safety watch duties on job sites where work is performed.

The preparation of trenches, and footings for above ground or underground lines or cables. The handling of all rods, mesh and material for use in reinforcing concrete construction. The rigging of pipe. Trenches, Manholes-Cutting of streets and ways for laying of pipes, cables or conduits for all purposes; digging of trenches, ditches, manholes, etc.; handling and conveying all materials; concreting, backfilling, grading and resurfacing and all other labor connected therewith. Clearing and site preparation as described herein. Cutting or jack hammering of streets, roads, sidewalks or aprons by hand or the use of air or other tools. Use and maintenance of all walk behind concrete saws, drilling and coring equipment, all augers and casings on drilling rigs. The leveling, grading and other preparation prior to laying pipe or conduit for any purpose. Loading, unloading, sorting, stockpiling, wrapping, coating, treating, handling, distribution, laying and making of joints of water mains, water pipes, gas mains and all pipe including placing, setting and removal of skids. Cribbing, driving of sheet piling, lagging and shoring of all ditches, trenches and manholes. Handling, mixing or pouring of concrete and handling and placing of other materials for saddles, beds, or foundations for the protection of pipes, wires, conduits, etc. Backfilling and compacting of all

ditches, resurfacing of roads, streets, etc., and/or restoration of lawns and landscaping, welding, joining, underwater cable installation. Trench less technology and directional boring shall be the work of the Laborer.

Sewers, Drains, Culverts and Multiplate - Unloading, sorting, stockpiling, coating, treating, handling, distribution and lowering or raising of all pipe or multiplate. All digging, driving of sheet piling, lagging, bracing, shoring, and cribbing; breaking of concrete backfilling, tamping, resurfacing and paving of all ditches in preparation for the laying of all pipe. Pipe laying, leveling and making of the joint of any pipe used for main or side sewers and storm sewers. All of the laying of clay, terra-cotta, ironstone, vitrified concrete, ductile iron, or other pipe and the making of joints for main or side sewers and storm sewers and all the pipe for drainage. Unloading, handling, distribution, assembly in place, bolting and lining up of sectional metal or other pipe, including corrugated pipe. Laying of lateral sewer pipe from main sewer or side sewer to building or structure. Laying, leveling and making of the joint of all multicell conduit or multi-purpose pipe. Cutting of holes in walls, footings, piers or other obstructions for the passage of pipe or conduit for any purpose and the pouring of concrete to secure said holes. Digging under streets, roadways, aprons or other paved surfaces for the passage of pipe, by hand, earth auger or any other method and manual and hydraulic jacking of pipe under said surfaces. Installation of septic tanks, cesspools and drain fields. Oil, brine, chemical transmission lines and related work, fiber optics, communication lines and cathodic protection.

Drilling and Blasting - All work of drilling, jack hammering, and blasting. Operation of all rock and concrete drills, including handling, carrying, laying out of hoses, steel handling, installation of all temporary lines and handling and laying of all blasting mats. All work in connection with blasting, handling and storage of explosives, carrying to point of blasting, loading holes, setting fuses, making primers and exploding charges. All securing of surface with wire mesh and any other material and setting of necessary bolts and rods to anchor same. All high scaling and other rock breaking and removal after blast. Handling and laying of nets and other safety devices and signaling, flagging, road guarding.

Signal Men -Signal men on all construction work defined herein, including traffic control signal men or flagmen at construction sites.

Use of Tools -Operation of all hand, pneumatic, electric, motor combustion or air-driven tools or equipment necessary for the performance of work described herein.

All clean-up, including general, construction, janitorial, final, and micro cleaning; all cleaning and removal of debris, rubbish, and refuse of any type and kind for all trades on all jobs, and final cleaning operation on any project or part thereof before the project or any part thereof is turned over to the owner.

All work traditionally performed by Laborers within the jurisdiction.

TUNNEL WORK

The construction, alteration, or renovation of all tunnels, shafts, adits, silos, raises, ventilation raises, ducts, underground chambers and all other work where miners are required to work below the surface of the earth and which falls within the jurisdiction of the Laborers International Union of North America.

Tunnel work shall be defined as the actual boring, driving, and concreting of tunnels. A shaft and/or silo shall be defined as sinking of any vertical, inclined or declined shaft (including stations) by using shaft sinking methods. Any mining performed off the completed shaft shall be considered tunnel work. In the event a dispute arises in the differentiation between a tunnel or shaft, the Contractor and the Union shall meet to resolve the dispute.

Craft: Mechanical Insulator (Union Rate)
Prevailing wage rates include the base rate as well as all applicable fringes

Mechanical Insulator-Journeyman	85.53
Mechanical Insulator-Foreman.....	91.73
Mechanical Insulator-General Foreman	97.93

ADD ZONE RATE

In addition to MECHANICAL INSULATOR rates add the applicable amounts per hour, calculated based on a road mile from Clark County Courthouse:

Zone 1	20-45 miles	\$4.00
Zone 2	45-75 miles	\$5.00
Zone 3	75-150 miles	\$7.00
Zone 4	150 miles and over	\$8.00

ADD PREMIUM PAY

All hours worked outside of a regular workday¹ in a regular workweek² and on Holidays shall be paid as follows: Time and one-half (1.5x) the first four (4) hours pre-shift and/or post shift. Time and one-half (1.5x) first eight (8) hours on Saturday. Double (2x) time for all hours worked on Sundays or Holidays, hours above four (4) pre-shift and/or post-shift, hours above eight (8) on Saturday. Triple (3x) time for Labor Day hours.

SHIFT DIFFERENTIAL³

Swing Shift⁴ 10% per hour
Graveyard Shift⁵ 15% per hour

RECOGNIZED HOLIDAYS⁶

New Year's Day, Martin Luther King Day, President's Day, Memorial Day, Independence Day, Labor Day, Veteran's Day, Thanksgiving Day, Day after Thanksgiving Day, and Christmas Day.

JOB DESCRIPTION: Excerpt from Agreement between Int'l Assoc. of Heat & Frost Insulators and Allied Workers Local 135.

This work includes the preparation, alteration, application, erection, assembling, molding, spraying, pouring, mixing, hanging, adjusting, repairing, dismantling, reconditioning, maintenance, finishing, and/or weatherproofing of cold or hot thermal insulation with such materials as may be specified when those materials are to be installed for thermal purposes and fire protection purposes in voids, or to create voids, or on piping, fittings, HVAC ductwork, grease ducts, valves, boilers, ducts, flues, tanks, vats, equipment, or on any hot or cold surfaces for the purpose of thermal control or to be installed for sound attenuation purposes on mechanical devices, equipment, piping, surfaces related in an integral way to the insulation of such mechanical devices, equipment and piping, Nanotechnology, energy audits, thermography, and thermal imaging. This work also includes all labor connected with the handling, truck driving and distribution

¹ Regular workday shall be eight (8) hours worked between 4:00 a.m. and 5:30 p.m.

² The regular work week shall consist of five (5) consecutive eight (8) hour workdays, Monday through Friday.

³ When hours are worked in between swing and graveyard for special circumstances, the majority of hours worked in that shift shall determine the rate of pay for all hours worked

⁴ Swing shift shall be 3:00 p.m. to 11:30 p.m.

⁵ Graveyard schedule shall be from 12:00 a.m. to 8:30 a.m.

⁶ Such Holidays shall be observed on days to coincide with National Observance of the Holidays.

of thermal insulation on the job premises. This article does not include pre-manufactured insulation or insulation accessories.

All duct lining, plenum lining and duct wrapping, done on the jobsite for acoustical or thermal purposes will be the work.

All asbestos abatement (removal), toxic waste cleanup, handling and/or the removal of hazardous waste materials and the preparation therefore will be the work of this Local Union. Hazardous and toxic materials are any and all materials, which are defined by O.S.H.A. or E.P.A.

All thermal tape, pads, mitered fittings (insulation, metal or plastic), batts and lags shall be fabricated by the Employees when such fabricated items are to be installed by Asbestos Workers, regardless of the location the Employer chooses to have such items fabricated, within the territorial jurisdiction.

Manufacture, fabrication, assembling, molding, handling, erection, spraying, pouring, mixing, hanging, preparation, application, adjusting, alteration, repairing, dismantling, reconditioning, testing, and maintenance of the following, when applied by a machine or other application methods of all firestopping materials including, but not limited to: intumescent firestop sealant, intumescent firestop blocks, elastomeric firestop sealant, self-leveling firestop sealant, trowelable firestop compound, firestop collars, composite sheets, putty pads, fire containment pillows, wrap strips, putty sticks, firestop mortar, firestop mastic, refractory ceramic fiber blanket for kitchen exhaust and fire rated duct systems, or other materials used in connection with labor, and to include other fire protection materials such as boots and cable coatings which are connected with the handling or distributing of the above insulating materials, or the repair and maintenance of all equipment, on the job premises. The types of work shall include, but not be limited to: top of wall, curtain wall, fire rated wall penetrations, grease ducts, stairwell pressurization systems, beam, column, and deck fireproofing. Application of materials or devices within or around penetrations and openings in all rated wall or floor assemblies, in order to prevent the passage of fire, smoke, or other gases. The application included all components involved in creating the rated barrier at perimeter slab edges and exterior cavities, the head of gypsum board or concrete walls, joints between rated wall or floor components, and sealing of penetrating items and blank openings.

Craft: MILLWRIGHT (Union Rate)
Prevailing wage rates include the base rate as well as all applicable fringes

Millwright Journeyman.....	80.47
Millwright Welder.....	83.47
Millwright Foreman.....	85.36
Millwright General Foreman.....	90.74

ADD ZONE RATE

In addition to MILLWRIGHT rates add the applicable amounts per hour, calculated from Las Vegas, Nevada City Hall. The Employer agrees to provide each employee zone pay as established below if the project is further than forty-five (45) miles calculated via the "shortest route" filter using Google Maps from the address of city hall of respective dispatch points.

Zone 1	Up to 45 Miles	\$0.00
Zone 2	More than 45 miles but less than 101 Miles	\$4.00
Zone 3	101 or more Miles	\$6.00

ADD PREMIUM PAY

Monday through Friday, the first four (4) hours of overtime after eight (8) hours of straight-time work shall be paid at one and one half (1.5) times the straight-time rate of pay. All additional overtime will be paid at two (2) times the straight-time rate of pay.

On a four (4) day-ten (10) hour shift, Monday through Thursday or Tuesday through Friday, the first two (2) hours of overtime after ten (10) hours of straight-time work shall be paid at one and one half (1.5) times the straight-time rate of pay. All additional overtime will be paid at two (2) times the straight-time rate of pay.

On a four (4) day-ten (10) hour shift, the first twelve (12) hours of work on the fifth day (Friday or Saturday, as applicable) will be paid at one and one half (1.5) times the straight-time rate of pay; provided the fifth day is not a voluntary make-up day. All additional overtime shall be paid at two (2) times the straight-time rate of pay.

All work performed on Sunday and Holidays shall be paid at two (2) times the straight-time rate of pay.

Any work performed on Labor Day shall be paid at triple (3x) the regular straight time hourly wage rate.

SHIFT DIFFERENTIAL

Two Shift Operation: Two dollars (\$2.00) per hour for work on the second shift¹.

Three Shift Operation: Two dollars (\$2.00) per hour for work on the second shift². Three dollars and 25/100 (\$3.25) per hour for work on the third shift³.

RECOGNIZED HOLIDAYS

New Year's Day, Washington's Birthday (President's Day), Memorial Day, 4th of July, Labor Day, Veteran's Day, Thanksgiving Day, Friday after Thanksgiving, Christmas Day.

JOB DESCRIPTION Excerpt from Southwest Regional Council of Carpenters' Millwright Regional Master Construction Agreement, Local 1607.

¹ Eight (8) or ten (10) hours of continuous employment between the hours of 6:00 p.m. and 6:00 a.m. except for meal period.

² Eight (8) hours of continuous employment between the hours of 6:00 p.m. and 6:00 a.m. except for meal period.

³ Eight (8) consecutive hours of employment, except for an unpaid meal period.

The machinery, equipment, processes and associated components listed below which are identified for the purpose of description only, falls within the jurisdiction of the United Brotherhood of Carpenters and Joiners of America (Millwrights). Although some components of machinery and/or equipment may be described in one application or location and not in another, it shall not be excluded from our craft jurisdiction when, to avoid repetition, it is not described in other applications, and such jurisdiction shall be applied to the initial commissioning, maintenance, decommissioning, and recommissioning of all associated machinery and/or equipment.

The loading, unloading, hoisting, rigging by any means, transferring, moving, cleaning, disassembling, assembling, moving and setting and removal of skids, welding, burning, erecting, calibrating, precision grouting, supporting, aligning, starting-up and testing, adjusting, repairing, and the maintaining of all machinery and equipment, be it powered by, or receiving power from, steam, gas, gasoline, diesel, biodiesel, hydrogen, jet, electric, pneumatic, magnetism, adiabatics, diabatics, isothermics, water, hydropneumatics, solar, thermal, mineral, atomic, rocket, nuclear, chemical, wind, waste product of any kind or any other source, regardless of whether or not such machinery or equipment is temporarily or permanently installed or located.

All activities necessary to: set all engines, motors, dynamos, generators, diesel generators, motor restraints and supports; install, measure and align with optical and/or electronic instruments when necessary the reactors, control, push and shut-down rods, rod pressure housing, drives, guide sleeves and other related equipment in reactors, turbines, castings, combustion chambers and all its related components; the attachment and final connection of the inlet manifolds and exhaust ducts, cylinders, diaphragms, gaskets, containment barriers, rotors, blade rings, blade or bucket assemblies, hydrogen coolers, blower assemblies, packing joints on hydrogen coolers, exciter or Alterex and all others, turning gear, extension box, welding of extension box, lagging, stretching of coupling bolts or others; perform oil flush; install turbine lube oil tank, pumps and related component skids, filters, thrust bearings, magnetic bearings, the sweating on and shrinking of bearings, couplings, shafts and others, sole plates and machine bases; perform all precision grouting using the following materials: epoxy, wet, non-shrink, dripacking or other types; perform demineralizing and hydromation; install mechanical dust systems, sensors, air compressors, super charges, coolers, boiler controls and linkage, thermal management systems, Bailey Meters or similar devices and their linkages; installation, maintenance and removal of all instrumentation, gauges, antennae and other communication devices, fluid drives, power drive trains, embedded guides for traveling screens, traveling screens, roller, slide, knife, lock and sluice gates, limit torques on mechanical valves, gates and others, tainter valves, limit switches, trips, triggers or switches, including the brackets that are attached to, stop logs, dam rollers, transfer cars and gear head motors.

The setting of variable drives, fans, coal cranes, truck cranes or other types, including servicing and the adjusting and aligning of mechanical equipment within the cranes, crane rails and all other types of rails which would carry mechanically activated equipment, including their alignment, installation, removal, servicing, and alignment of hydraulic and pneumatic lifts and passenger boarding bridges, monorail (all sizes), magnetic propulsion systems, trolleys, pumps and their associated components, packaging equipment, refrigerating equipment, chillers, and related equipment, lantern rings, packing glands, packing for pumps, pollution equipment, carbon absorbers and filtration, heat exchanges, grain, ball, hammer, roller mills, pulverizers and others, crushers and beaters, hoppers, bins, chutes and spouts, turn tables, shears, casing machines, robots, air-veyors, conveyors of all sizes, types, and styles regardless of the materials they are constructed with, or mechanically powered conveyances of any type, including their supports, people movers, x-ray and imaging & scanning machines, elevator and platform lifts, dock levelers and locks, roll-up and sectional doors, operable partitions, retractable roofs, magnetic separators, hoists, feeding machinery, Z-loaders, S-loaders, palletizers, Triax equipment, mechanical equipment in scrubbers, pack towers, precipitators, cooling towers and air cooled condensers.

Sewage, Brackish, Desalination, Water Treatment and Mineral Extraction Plants — the disassembly, fabricating, rigging, erecting and aligning of skimmers, rake mechanisms, feed wells, baffles, scum troughs, de-gritting equipment, bar screens, communitors, mixers, pumps, aeration systems, blowers, membrane filtration systems, sequencing batch reaction systems, including related, filter presses, sand filtration systems, ultra violet rack systems, mechanical drive assemblies, conveyors, lines, piping, flanges, brackets, supports, mono rails, gates and setting odor control and detection equipment, (excluding heating, ventilating and air conditioning work). The setting of thru-clean bar, straight line bar, trash, tritor drum, and disc screens, straight line grit, circuline grit, circuline sludge, and circuline mixer collectors, straight line, flash, horizontal slow, vertical slow, and vibra flow feeder machines, pre-aeration and settling tanks, covers for tanks, bowls and basins including stationary or mechanical covers regardless of materials, thickeners, rotoline distributors, sludge bed and settling pond cleaners, digestion systems, heaters, dyna-grind sewage screening grinders, screw pumps, spiral classifier, agitators, junk remover, hydro pulper, cooling fans, lube

systems, selectifier screens, hydrosensors, fuel blowers, grizzly screens, trommels, table feeders, dryers, optical sorters, high tension separators, grip dewatering screens, flash mixer, horizontal slow mixer, vertical slow mixer, filter, cone and rotary presses, comminutors, barminutors, degreasers, rotometers, dehumidifiers, benches, pressure cleaning systems & devices, washers for cars, trucks, buses, trains, planes unmanned and autonomous vehicles and other types, hydraulic, servo and pneumatic units, shroud boxes, silencers, scales, load cells, eddy current clutches, disintegrators, dehairing machines, grain handling devices, laboratory equipment, machine shop equipment, ladle cars, stunning pens and doors and gates, activation equipment, racks, material handling platforms, access & egress platforms, catwalks, transition pieces, the handling and installation, of pulleys, gears, fluid couplings, sheaves and fly wheels, air vacuum, worm, belt, friction, rope, magnetic, chain and gear drives that are directly or indirectly coupled to motors, belts, chains, shafts, or screws, installation of legs, boots, guards and boot tanks, all bin and diverter valves, turn hands and indicators, shafting, bearing cable sprockets, cutting of all key seats in old and new work, troughs, chippers, calenders, rolls, winders, rewinders, slitters, cutters, wrapping machines, blowers, forging machines, pneumatic, electric and hydraulic rams, servo actuators, extractors, expellers and extruders, ball and dust collectors, splicing of ropes and cables.

Loading, unloading, movement, hoisting, preparation, uncrating, preparation of nacelle units prior to installation or removal, installation, setting, removal, alignment, and final torquing and tensioning of any mechanical component used in the generation of power, including any incidental wiring or piping. This shall include all aspects of power trains, drive and tracking systems, elevation and azimuth drives, energy collection optimization systems, all rams, dampers and other stabilization devices, antennae, bearing housing assemblies and units, actuators, pulleys, gears, access points, rotational connections, mounting and alignment of tracks, axles, bearings, rotational joints, or any other device which allows for the automated or manual movement of equipment post-installation, all turbines, and wind, wave and tidal analysis equipment. It shall also include all work associated with energy collection and storage facilities, including the loading, unloading, movement, hoisting, preparation, installation, setting, and alignment of racking systems, torque tubes, modules, batteries, energy storage systems, cooling or control systems, inertia systems or other equipment or machinery, and all incidental wiring or piping thereof.

The laying out, fabrication and installation of protecting equipment including: machinery guards; the making and setting of templates for machinery; the fabrication of bolts, nuts, pans; the drilling or creating of holes in machinery for any equipment which the Millwrights install, remove, service or inspect, regardless of material; installation of all methods of access and egress and safety devices whether temporary or permanent; all welding and burning regardless of type; the fabrication of all lines, hose or tubing used in the lubrication, operation, cooling or heating of machinery, including the installation of all fluids used to operate, lubricate, cool or heat equipment installed by Millwrights; the cleaning or pressure cleaning of machinery; the machining, grinding, milling, broaching, boring, threading, lapping, field machining, technical bolting and keying that may be necessary for any part of equipment, including the starting up, breaking in, trial running and operational or functional testing of any equipment or machinery installed or handled by the Millwrights, the initial programing of robotics for startup, and the incidental connection and disconnection of machinery and equipment from piping and electrical systems.

Rock, sand and gravel plants, mineral processing plants and batch or aggregate plants: Installation, removal and maintenance of all recycling equipment, separators, centrifuges, classifiers, grates, crushers, conveyors, chutes or piping from one piece of mechanical equipment into another piece of mechanical equipment, or from a vessel into a conveyor, or into other places or mechanical equipment or other mechanical equipment used (for the purpose of description only) to excavate material from one area to another from highways, roadways, waterways or elsewhere.

When optical instruments such as total stations or similar devices, automatic levels, builder's transits, precision jig transits, tilting levels, theodolites or other precision tools and instruments are used to locate, set, scan-to-BIM or as-Built measure and verify machines, these tools are considered a tool of the Millwright trade and are to be used by Millwrights to set the equipment or machinery.

Incidental asbestos removal on equipment in which Millwrights normally remove during maintenance and repair work.

Any new equipment or technology designed to replace any of the equipment described above shall remain in the craft jurisdiction of the Millwrights.

Craft: OPERATING ENGINEER (Union Rate)
Prevailing wage rates include the base rate as well as all applicable fringes

(SEE GROUP CLASSIFICATIONS)

Group 1.....	97.53
Group 2.....	98.48
Group 3.....	98.77
Group 4.....	100.26
Group 5.....	101.36
Group 6.....	100.48
Group 7.....	101.58
Group 8.....	100.59
Group 9.....	101.69
Group 10.....	100.71
Group 11.....	101.81
Group 12.....	100.88
Group 13.....	100.98
Group 14.....	101.01
Group 15.....	101.09
Group 16.....	101.21
Group 17.....	101.38
Group 18.....	101.48
Group 19.....	101.59
Group 20.....	101.71
Group 21.....	101.88
Group 22.....	101.98
Group 23.....	102.09
Group 24.....	102.21
Group 25.....	102.38
Add \$.50 per hour for "Special" Shift.....	
Add \$1.00 per hour for "Multiple" Shift.....	

[Add Zone Rates See Below](#)

[Add Premium Pay See Below](#)

[Operating Engineers JOB DESCRIPTION: See Below](#)

Craft: OPERATING ENGINEER (Union Rate)
CRANES, PILEDRIVING, & HOISTING EQUIPMENT
Prevailing wage rates include the base rate as well as all applicable fringes

(SEE GROUP CLASSIFICATIONS)

Group 1.....	100.12
Group 2.....	100.26
Group 3.....	100.48
Group 4.....	100.59
Group 5.....	100.71
Group 6.....	100.88
Group 7.....	101.05
Group 8.....	101.21
Group 9.....	101.89
Group 10.....	102.05
Group 11.....	102.35
Group 12.....	102.68
Group 13.....	103.05
Group 14.....	103.89
Group 15.....	104.05
Group 16.....	104.10
Group 17.....	104.60
Group 18.....	105.05
Group 19.....	106.63
Group 20.....	107.24
Group 21.....	107.85
Group 22.....	108.61
Group 23.....	109.07
Group 24.....	109.57
Add \$.50 per hour for "Special" Shift.....	
Add \$1.00 per hour for "Multiple" Shift.....	

[Add Zone Rates See Below](#)

[Add Premium Pay See Below](#)

[Operating Engineers JOB DESCRIPTION: See Below](#)

Craft: OPERATING ENGINEER (Union Rate)

SURVEYOR

Prevailing wage rates include the base rate as well as all applicable fringes

(SEE GROUP CLASSIFICATIONS)

Group	1	.....	99.45
Group	2	.....	100.26
Group	3	.....	100.48
Group	4	.....	100.76
Group	5	.....	100.88
Group	6	.....	100.98
Group	7	.....	101.01
Group	8	.....	101.38
Group	9	.....	101.51
Group	10	.....	102.01

[Add Zone Rates See Below](#)

[Add Premium Pay See Below](#)

[Operating Engineers JOB DESCRIPTION: See Below](#)

Craft: OPERATING ENGINEER (Union Rate)
TUNNEL

Prevailing wage rates include the base rate as well as all applicable fringes

(SEE GROUP CLASSIFICATIONS)

Group 1.....	99.38
Group 2.....	100.33
Group 3.....	100.62
Group 4.....	100.76
Group 5.....	100.98
Group 6.....	101.09
Group 7.....	101.21
Group 8.....	101.38
Group 9.....	101.51

ADD ZONE RATE

In addition to: **OPERATING ENGINEER, CRANES, PILEDRIVING, & HOISTING EQUIPMENT, SURVEYOR AND TUNNEL** rates add the applicable amounts per hour calculated from the City Hall of Las Vegas, Nevada:

Zone 1	0 to 50 miles	\$0.00
Zone 2	50 to 60 miles	\$4.00
Zone 3	60 miles and over	\$4.50

ADD PREMIUM PAY

All time worked before 5:00 A.M. and after 4:30 P.M., or all time worked in excess of eight (8) consecutive hours, exclusive of meal periods, and all work performed on Saturdays, Sundays, and holidays, shall be paid at the applicable overtime rate. Overtime: First four (4) hours outside the regularly constituted shift¹ shall be at the rate of time and one-half (1.5). All additional hours shall be at double (2x) time. On Saturday work, the first twelve (12) hours shall be at time and one-half (1.5), and all additional hours at double (2x) time. Sundays shall be double (2x) time. Holidays shall be double (2x) time.

Tool Allowance: all Heavy Duty Repairmen or Heavy Duty Repairman Combinations will receive an additional one dollar and 50/100 (\$1.50) per hour tool allowance.

Operators on Hoists with Three (3) Drums will receive an additional fifty cents (\$0.50) per hour added to the regular rate of pay and become the base rate for the entire shift.

Hazardous Material Pay: Two dollars (\$2.00) per hour will be added to the wage rate.

RECOGNIZED HOLIDAYS

New Year's Day, President's Day, Memorial Day, Independence Day, Labor Day, Veteran's Day, Thanksgiving Day, Day after Thanksgiving Day, Christmas Day and the first (1st) Saturday, following the first (1st) Friday in the months of June and December each year. If any of the above holidays fall on Sunday, the Monday following shall be considered a holiday. If Christmas or New Year's should fall on a Saturday, the Friday preceding shall be considered a holiday.

¹ The starting time of single shifts shall be at 5:00 A.M., 5:30 A.M., 6:00 A.M., 6:30 A.M., 7:00 A.M., 7:30 A.M., or 8:00 A.M., Monday through Sunday. Starting Time shall be changed only to meet a bona fide job requirement. Starting times shall not be staggered. Written notice shall be given.

Operating Engineers JOB DESCRIPTION: Excerpt from NCA and Operating Engineers Local 12.

It shall cover work on building, heavy highway and engineering construction, including the construction of, in whole or in part, or the improvement or modification thereof, including any structure or operations which are incidental thereto, the assembly, operation, maintenance and repair of all equipment, vehicles and other facilities, including helicopters used in connection with the performance of the aforementioned work and services and including without limitation the following types of classes of work:

Street and highway work, grading and paving, excavation of earth and rock, grade separations, elevated highways, viaducts, bridges, abutments, retaining walls, subways, airport grading, surfacing and drainage, electric transmission line and conduit projects, water supply, water development, reclamation, irrigation, drainage and flood control projects, water mains, pipelines, sanitation and sewer projects, dams, aqueducts, canals, reservoirs, intakes, channels, levees, revetments, quarrying of breakwater or riprap stone, foundations, pile driving, piers, locks, dikes, river and harbor projects, breakwaters, jetties, dredging and tunnels, soil testing and building/construction inspection. The handling, cleaning, erection, installation and dismantling of machinery, equipment and all work on robotics, included but not limited to the rigging, handling, installation, maintenance, programming and the use of all stationary and/or portable robots. This shall include the use of all robots used in any industry, including the nuclear field.

It shall cover all work including the initial setting, positioning and programming of the base station in conjunction with Global Positioning Systems/GPS on the jobsite.

The construction, erection, alteration, repair, modification, demolition, addition or improvement, in whole or in part, of any building structure, including Power Plants, Mines, Solar Energy installations and appurtenances, oil or gas refineries and incidental structures, also including any grading, excavation, or similar operations which are incidental thereto, or the installation, operation, maintenance and repair of equipment, and other facilities used in connection with the performance of such building construction, except where such structures are an incidental or supplemental part of highway and engineering construction, as defined in this Article.

All concrete form work, including but not limited to, the fabrication, construction, placing, erection, rigging and hoisting, stripping and removing of all forms and operation of the forklift, loed, pettibone or mobile equipment in reference to all of the above work.

All work in connection with tiltup slabs, including but not limited to benchmarks, layout, setting of all forms, blockouts, metal door and window jambs, templates for bolts, lift points, knee braces, all stripping of forms (whether or not to be reused) rigging, setting, plumbing and lining, welding, drilling, ledger bolts, setting of expansion joints and caulking. Also to include forms for stairs and loading docks (setting and stripping), installation of all doors including roll-up, installation of laminated beams or precast structures, and operation of the forklift in reference to all of the above work.

All work in connection with the hoisting of materials which are to be used by the Carpenters or Building Tradesmen will be rigged, guided and handled by employees.

The layout, rigging, tagging, signaling, cutting, burning, welding, chain sawing, driving, setting and pulling of all soldier piles, sheet piles, soldier beams and casings, together with all necessary walling, shoring, underpinning, struts, bracing, capping and lagging necessary for construction of subterranean structures of all types to include, but not limited to subways, subway stations, buildings, storm drains, sewers, pipelines and all open cut and cover construction projects. Fabrication, construction, removal and stripping of all forms both inside and outside the tunnels and drains to include form liners and membranes, whether they be spray on, glue on, tack on, composed of any and all building materials to include plastic, neoprene,

high density polyethylene, vinyl cork or any other natural or artificial material. Construction of all covers and access mats to include all necessary rigging for setting and removing, whether intermittently or regularly. Installation and removal of all timber decking.

All office modular furniture systems including, but not limited to: the unloading by any means, stockpiling, distribution to point of erection, carrying, handling, transportation, uncrating, installation, cleaning, and/or staging of all office, commercial, industrial, institutional, and hotel furniture systems, furnishings, etc., including (but not limited to) all component parts (regardless of their materials or method or manner of installation, attachment or connection). Also included will be layout work including the use of level, transit and any other instrument or tool (or adaptable tool) required for the work herein described.

The placing, handling, moving and erection of all materials which fall within the description of work set forth in the Agreement from the site of delivery on the job to the point of the job where the work is to be performed. The erecting and moving of all scaffolds and the moving and handling of all materials to be used in erection of scaffolding.

Lubricates moving parts of heavy equipment throughout the project or on the project. Check and fill miscellaneous equipment fluids. Changes oil in machine reservoirs; cleans and replaces oil filters. Remove and replace air and fuel filters. Ensures that automatic lubrication equipment operates correctly, replacing empty drums or malfunctioning lines. Fills automatic dispensers, oil cans, and oil cups. Utilizes fuel stand discharge nozzles and fuel and lube discharge guns. Inspect and operate auxiliary equipment, including boom assembly. Identifies machines and equipment requiring repair or maintenance through provided work orders and specifications. Maintain equipment per manufacturer's requirements. Identifies when and what type of preventive maintenance is required for heavy equipment; performs the maintenance, reporting any need for additional maintenance or repairs. Completes logs, reports, or other documentation related to the installation, replacement, modification, or changing of machine parts and attachments. Removes superfluous oil and grease from machinery, tools, equipment and on the project. Checks tire pressure and inflates tires when necessary.

SOILS AND MATERIAL TESTER

Documents: Review the approved plans and specifications and meet with Employer and suppliers before construction to discuss project and to verify that requirements for testing and observation are well understood. Review material certificates and test reports for compliance with job specifications. Prepare or review mix designs for compliance to project requirements.

Sampling of Material: Sample and perform preliminary tests on proposed aggregates and asphalt cement (gradation, soundness, abrasion, stripping, etc.).

Subgrade and Base: Confirm that sources of materials have been sampled and approved. Verify that materials delivered are of uniform quality. Verify that control testing of subgrade materials is being performed and recorded as required. Verify that subbase and base courses are of the source, type, thickness and density specified. Verify that soil sterilization is provided, if required.

Batch Plant: The special inspector should become familiar with the appearance and physical characteristics of the mix to be used by observing visually the finished mixture so that unsatisfactory conditions may be readily recognized. Check the batch plant facilities prior to production of asphaltic concrete mixture. Check aggregates in stockpile to verify conformance to materials utilized in the design. Check the bin weights of the aggregate fractions and asphaltic concrete mixture. Check the temperature of the mixed batches on the truck. Perform hot-bin gradations of the blended aggregates (where applicable). Verify cold-bin feeds and hot-bin batch weights are adjusted as necessary to produce the job-mix formula within tolerance. Before loading, truck beds should be checked for cleanliness and absence of materials that might be

detrimental to the mix. Coordinate with the job site inspector to obtain a uniform and consistent asphaltic concrete mixture.

Spreading and Paving: The field inspector should contact the batch plant inspector promptly should conditions be observed during placement and spreading operations that suggest a need for change at the plant. The following items should be addressed prior to and during placement operations:

(a) Area to be paved, cleaned and properly primed, or tack coated. (b) Leveling course installed where required. (c) Suitability of spreading and paving equipment. (d) Asphalt mix temperature when delivered, and after final rolling, is within limits required. (e) Density tests by nuclear gauge during rolling. (f) Thickness control by adequate placement and compaction. (g) Sampling of asphaltic concrete at job site during placement for laboratory testing (extraction, gradation, stability, etc.). (h) Core samples taken for verification of thickness and density of in-place asphaltic concrete. (i) Application of seal coat and curing in accordance with specification requirement, if required.

Verification Tests: Stability and density, bulk specific gravity and maximum specific gravity. Asphalt content by extraction. Aggregate gradation of the mixture from extracted sample. Physical properties of the asphalt cement: penetration, viscosity, ductility and specific gravity. Aggregate quality: Los Angeles abrasion, plasticity index and sieve analysis. Field density. Thickness determination. Smoothness tolerance.

Reports: Submit written progress reports describing the tests made and showing the action taken to correct nonconforming work. Itemize any changes authorized by architect/engineer. Report all uncorrected deviations from plans or specifications.

EARTHWORK (SOILS AND MATERIAL TESTER) (SPECIAL GRADING, EXCAVATION AND FILLING)

Documents: Review the approved plans, specifications and the Geotechnical Engineer's report. Note and record the equipment being used on site.

Sampling of Materials: Sample and verify that the following materials are delivered to the Materials Engineering Laboratory for any required testing: (a) Subgrade materials; (b) Native-fill materials; (c) Imported materials; (d) Additive materials (lime, cement, sand, pozzolan, etc.).

Testing: Perform soils classification and properties tests as required on native and/or imported soils. Perform laboratory moisture-density relationship tests or other structural property tests are required. Where applicable, conduct laboratory testing program to determine soils' properties resulting from admixtures such as cement or lime. In the field, conduct in-place field density and moisture tests using procedures specified in the contract documents. Frequency of testing should be predetermined to allow for representative coverage of each lift. Testing must be timely to avoid having to retest previously covered work. Similarly, test methods should be predetermined so as to take into account the Employer's procedures and soil types. Periodic sampling of materials in the field to verify continued compliance with specification requirements is recommended.

Reports: Submit written progress reports describing the tests and observations made and showing the action taken to correct nonconforming work.

Craft: PAINTER (Union Rate)

Prevailing wage rates include the base rate as well as all applicable fringes

Painter-Journeyman.....	76.22
Painter-Foreman.....	80.78
Painter-General Foreman.....	85.75

ADD ZONE RATE¹

In addition to PAINTER rates, add the applicable amounts per hour. Zone Pay shall commence from Maryland Parkway and Charleston Boulevard in Las Vegas, NV, and shall be paid as follows:

Zone 1	0 to 50 miles	\$0.00
Zone 2	Over 50 miles	\$5.00
Laughlin		\$2.00

RECOGNIZED HOLIDAYS²

New Year's Day, President's Day, Memorial Day, Independence Day, Labor Day, Veteran's Day, Thanksgiving Day, Day after Thanksgiving Day, Christmas Day.

ADD PREMIUM PAY

One and one half (1.5) the regular straight time hourly rate shall be paid: For the first three (3) hours worked over eight (8) [during an eight (8) hour workday³] on a regular five (5) day [forty hour] week⁴. For all hours worked on Saturday.

Double (2x) the regular straight time hourly rate shall be paid: For all hours worked beyond eleven (11) hours, for all hours worked on Saturday beyond eight (8) hours, for hours worked Sunday and Holidays. When working a four-ten (4/10) hour shift, all hours worked beyond ten (10) hours shall be paid at double (2x).

SPECIALTY PREMIUM PAY⁵

High Pay: work on an elevated, mechanically operated platform (including but not limited to: swing stage, boatswain chair, crane basket, heck lift) or rappelling work over forty (40) feet, up to and including one hundred (100) feet in height shall be paid at the rate of eighty-five cents (\$0.85) per hour above the base classification. All work over one hundred (100) feet shall be paid at the rate of two dollars (\$2.00) per hour above the base classification.

Down Hole: Down hole time shall pay in the same increments as high pay.

Hazard Pay: Employees required to work inside tunnels, tubes or piping such as work involved at water treatment plants and mining operations shall receive a premium of thirty-five cents (\$0.35) per hour above the base classification.

Industrial Painting: Employees performing painting work on industrial projects shall be paid an additional one dollar (\$1.00) per hour above the Taxable Net Wage Rate in addition to any other high time or premium pay.

¹ The established city limits of Henderson and Boulder City shall be considered part of the established "free zone".

² When a holiday falls on a Sunday, the following Monday shall be observed as a holiday. No work shall be performed during any hour of the twenty-four (24) hours of Labor Day.

³ The regular workday shall consist of eight (8) or ten (10) hours of work depending on the work week, between 5:00 a.m. and 4:30 p.m. with one half (0.5) hour for lunch.

⁴ The regular workweek shall consist of five (5) eight (8) hour workdays, Monday through Friday or four (4) consecutive ten (10) hour workdays between Monday and Friday

⁵ Paid in addition to all other premium pay for the entirety of a shift

SHIFT DIFFERENTIAL

Shifts worked Monday through Friday with a majority of a shift worked outside of the established day shift hours for any reason shall be consistent with that of a normal day shift and shall be inclusive of a meal period (employee is paid eight (8) hours for seven and one half (7.5)).

JOB DESCRIPTION: Excerpt from Agreement between PDCA and Allied Trades DC 16, Local 159.

Painters work will include but not be limited to: (1) preparation of any surface that is to receive any coating. This is to include, but not be limited to caulking, puttying, spackling, bondo, fiberglass applications and repairs, sealers and primers. The application and removal of all types of coatings and coating systems in relation to all painting, decorating, protective coatings, coating and staining of concrete floors and toppings, waterproofing, masonry restoration, fireproofing, fire retarding, metal polishing, refinishing, sealing, lining, fiber glassing, E-Glass fiberglass, GRG, GFRC, plaster cast, carbon fiber, encapsulating, insulating, metalizing, flame spray, Exterior Insulating Finishing Systems, the application of Venetian Plasters and/or Polymers; (2) each and all such applications, and similar or substitute applications, on all surfaces, interior and exterior, to include, but not be limited to: residences; buildings; structures; industrial, power, chemical and manufacturing plants; bridges; tanks; vats; pipes; stacks; light and high tension poles; parking, traffic and air strip lines; trucks; automobile and railroad cars; ships; aircraft; and all machinery and equipment; (3) any and all material used in preparation, application or removal of any paint, coatings or applications, including, but not limited to: the handling and use of thinners, dryers, sealers, binders, pigments, primers, extenders, air and vapor barriers, emulsions, waxes, stains, mastics, plastics, enamels, acrylics, epoxies, epoxy injection and T-Lock welding, alcahydeds, sheet rubber, foams, seamless and tile-like coatings, etc.; (4) all preparation for and removal of any and all materials for finishes, such as deep cleaning, patching, all levels of finishing, taping/finishing, skim coating, pointing, caulking, high pressure water, chemical and abrasive blasting, environmental blasting, wet/dry vacuum work, chemical stripping, scraping, air tooling, bleaching, steam cleaning, asbestos and lead abatement/removal; (5) the inspection of all coatings and/or coating systems during their applications will be performed by members of this International Union.

Wall Covering work will include, but not limited to: (1) All material applied to walls or ceilings with adhesive, staples, tacks, by stretching or adhered by any other method, including all papers, vinyls, flexible woods, fabrics, borders, metals, upholstered wall systems, the fabric covered panels made of plastic/wood or prefinished products of micro fiberglass, etc., Acrovyn and various plastic wall coverings such as wainscot, caps, corner moldings and accessories; (2) Any and all preparation of walls and ceilings such as scraping or any methodology for removal of existing materials, including patching, leveling, skim coating and priming.

Industrial projects shall mean new construction or maintenance work performed in the energy, power, water, wastewater, chemical, manufacturing, industrial buildings, heavy highway, bridge, overpass roadway tunnel industry or any other industry requiring the use of protective coatings.

Craft: PILE DRIVER (Union Rate)¹

Prevailing wage rates include the base rate as well as all applicable fringes

Driveman, Rigman, Bridge and Dock Carpenter.....	79.72
Pile Driver Certified Welder.....	80.72
Pile Driver-Foreman.....	84.79
Diver-Diving (wet pay).....	142.56
Stand-By Diver.....	85.79
Tender.....	84.79

JOB DESCRIPTION

Operate pile drivers mounted on skids, barges, crawler treads, or locomotive cranes to drive pilings for retaining walls, bulkheads, and foundations of structures such as buildings, bridges, and piers.

Sample of reported job titles: Pile Driver, Pile Driver Operator, Pile Driving Operator

- Move hand and foot levers of hoisting equipment to position piling leads, hoist piling into leads, and position hammers over pilings.
- Move levers and turn valves to activate power hammers, or to raise and lower drophammers that drive piles to required depths.
- Drive pilings to provide support for buildings or other structures, using heavy equipment with a pile driver head.
- Conduct pre-operational checks on equipment to ensure proper functioning.
- Clean, lubricate, and refill equipment.

¹ Job description copied from O*NET OnLine

Craft: PLASTERER (Union Rate)
Prevailing wage rates include the base rate as well as all applicable fringes

Plasterer-Journeyman.....	70.79
Plasterer-Foreman.....	75.98
Plasterer-General Foreman.....	78.57

ADD ZONE RATE¹

In addition to PLASTERER rates workers on public works projects shall be entitled to receive the following sums on jobs located fifty (50) miles or more from the City Hall of Las Vegas, Nevada:

Zone 1	0 to 50 miles	\$0.00
Zone 2	Over 50	\$5.00

ADD PREMIUM PAY

The first two (2) hours worked outside the regularly constituted shift² shall be at the rate of time and one-half (1.5x). All additional hours shall be at the rate of double (2x) time. On Saturday work, the first ten (10) hours shall be at time and one-half (1.5x) and all additional hours at double (2x) time. Sundays and Holidays shall be at double time (2x). All hours worked after ten (10) hours are at the rate of double (2x) time Monday through Saturday.

HIGH TIME

On jobs where employees are required to work from swinging scaffold, suspended from a rope or cable, bosun chair, brackets, cantilevers or outrigger from the ground, they shall receive an additional one dollar (\$1.00) per hour above the employees' normal rate of pay. Employees shall be paid high pay only for actual time of exposure on the scaffold, boatswain chair, outriggers, etc.

NOZZLE MAN – The nozzle man applying fireproofing material shall receive \$2.00 per hour above the employee's normal rate of pay for the period in which he operates any nozzle.

SHIFT DIFFERENTIAL

When two (2) or three (3) shifts are [scheduled in a twenty-four (24) hour period]: For employees on a second shift, all hours worked in excess of seven and one-half (7.5) hours shall be paid for at the appropriate overtime rate as described above. For employees on a third shift, all hours worked in excess of seven (7) hours shall be paid for at the appropriate overtime rate as described above.

RECOGNIZED HOLIDAYS

New Year's Day, President's Day, Memorial Day, Independence Day, Labor Day, Veteran's Day, Thanksgiving Day, the Friday after Thanksgiving, and Christmas Day. If any of the above holidays fall on Sunday, the Monday following shall be considered a legal holiday. No work shall be required on Labor Day, except in cases of extreme urgency.

JOB DESCRIPTION: Excerpt from Master Labor Agreement So NV. Plasterers & A.G.C./N.C.A./U.B.C.A., OP&CMIA Local 797.

This includes but is not limited to: Smooth and finish surfaces of poured or full systems of EIFS including sticking and shaping of foam pieces or surfaces by adhesive or mechanical installation, all sprayed or troweled on fireproofing, interior cover coats including all plastering systems recognized

¹ Boulder City and Mesquite are "Free Zone" Cities

² Eight (8) consecutive hours, exclusive of the meal period, between the hours of 2:00 a.m. and 5:00 p.m. Monday through Friday or between the hours of 2:00 a.m. and 6:30 p.m. for a 4/10s schedule, Monday through Thursday or Tuesday through Friday

by our International Association; installation of all types of lath and all lathing trims in any interior or exterior applications; installation and patching of GFRG and GFRG pieces with adhesive or mechanical fastening systems; all cutting, shaping, rodding, carving, leveling, brooming of rock, water and pool features including all interior swimming pool finishes, but not limited to pebbletech or white plaster finishes; all Venetian or decorative interior plaster; all acoustical finish systems including, but not limited to, Baswaphon.

Plasterers shall also have jurisdiction over all work or processes which represent technological change, replacement, modification or substitution for the work described above. In addition, Plasterers shall perform any and all work and use any and all new materials or techniques involved in plaster construction including but not limited to what is known as green or sustainable construction technology.

Craft: PLUMBER/PIPEFITTER (Union Rate)
Prevailing wage rates include the base rate as well as all applicable fringes

Plumber/Pipefitter-Journeyman.....	87.43
Plumber/Pipefitter-Foreman.....	94.03
Plumber/Pipefitter-General Foreman.....	100.63

ADD ZONE RATE

In addition to PLUMBER/PIPEFITTER rates employees performing work on Public Works Projects shall be entitled to the following wage rates for all hours worked, calculated on an air mile radius from the Clark County Regional Justice Center:

Zone 1	0 to 20 miles	\$0.00
Zone 2	20 to 45 miles	\$3.75
Zone 3	45 to 75 miles	\$7.50
Zone 4	75 miles and over	\$11.25

ADD PREMIUM PAY

Overtime worked on a regular work day¹, Monday through Friday, will be paid at a rate of one and one-half (1.5) times the straight time rate of pay for the first two (2) hours worked before or after the regular eight (8) hour shift, and at two (2) times the straight time rate of pay for all hours in excess of ten (10) hours. The first ten (10) hours worked on a Saturday will be paid at a rate of one and one-half (1.5) times the straight time rate of pay, and all hours in excess of ten (10), and Sundays and holidays will be paid at two (2) times the straight time rate of pay.

A work week may consist of four (4) consecutive ten (10) hour days, at straight time Monday through Thursday with no rotating shifts, may be implemented by mutual agreement. Overtime after ten (10) hours per day or forty (40) hours in the four-day week shall be paid at the double (2x) time rate of pay. Where it becomes necessary to work Friday and/or Saturday, it will be paid at time and one-half (1.5) for the first eight (8) hours of work. Hours worked after eight (8) hours on Friday and Saturday, and all hours worked on Sunday and holidays shall be double-time.

SHIFT DIFFERENTIAL

Shift work is permitted when the shifts are of five (5) or more days duration. The first shift shall work a regular eight (8) hour day between the hours of 6 a.m. and 4:30 p.m. The second shift shall work a minimum of eight (8) hours, not including an unpaid one-half (0.5) hour lunch period and shall receive an additional four percent (4%) per applicable base wage per hour worked. The third shift shall work a minimum of eight (8) hours, not including an unpaid one-half (0.5) hour lunch period and shall receive an additional eight percent (8%) per applicable base wage per hour worked. A second work shift extending past midnight shall be paid at the third shift rate for the entire second shift.

RECOGNIZED HOLIDAYS

New Year's Day, Martin Luther King Day, Presidents Day, Memorial Day, Independence Day, Labor Day, Veterans Day, Thanksgiving Day, the Friday after Thanksgiving Day, and Christmas Day. If any of the above holidays fall on a Sunday, the Monday following shall be observed as the holiday. If any of the above holidays fall on a Saturday, the Friday preceding shall be observed as the legal holiday.

JOB DESCRIPTION Excerpt from Agreement between MCA and Plumber Pipefitters Serv. Tech Local 525

¹ Eight (8) hours between the hours of 6:00 a.m. and 4:30 p.m.

Installation of all plumbing, pipe fitting, and refrigeration systems and component parts thereof, including fabricating, assembling, erecting, installing, testing, balancing, dismantling, repairing, reconditioning, adjusting, altering, servicing and handling, unloading, distributing, tying on and hoisting of all piping materials, by any method, including all hangers and supports of every description, the unloading and setting of kitchen equipment, the testing and balancing of all plumbing and pipefitting systems or component parts thereof, the operation of pumps, air compressors and welding machines, as well as equipment used on building and construction work in conjunction with the work of the trade, as a time and labor saving device.

Craft: REFRIGERATION MECHANIC (Union Rate)
Prevailing wage rates include the base rate as well as all applicable fringes

Refrigeration-Journeyman.....	69.64
Refrigeration -Foreman.....	73.95

ADD PREMIUM PAY

Overtime worked on a regular work day¹², Monday through Friday, will be paid at a rate of one and one-half (1.5) times the regular rate of pay for the first two (2) hours worked before or after the regular eight (8) hour shift, and at two (2) times the regular rate of pay for all hours in excess of ten (10) hours. The first ten (10) hours worked on a Saturday will be paid at a rate of one and one-half (1.5) times the regular rate of pay. All hours in excess of ten (10), work performed on Sundays and holidays will be paid at two (2) times the regular rate of pay.

On a four (4) tens (10) schedule the regular workday shall be Monday-Thursday or Tuesday-Friday, the first ten (10) hours at straight time. The first two (2) hours after the regular workday shall be paid at one and one half (1.5) time. After twelve (12) hours the overtime rate will be double (2x) time. The fifth ten (10) hour shift shall be paid one and one half (1.5) time and double (2x) time after ten (10) hours. Sunday shall be double time.

SHIFT DIFFERENTIAL

When two or three shifts are worked, the day shift shall be established on an eight (8) hour basis, paid for eight (8) hours; the second shift shall be established on a seven and one-half (7.5) hour basis, paid for eight (8) hours; and the third shift shall be established on a seven (7) hour basis, paid for eight (8) hours.

RECOGNIZED HOLIDAYS^{3 4}

New Year's Day, Memorial Day, July 4th, Friday before Labor Day, Labor Day, Nevada Admission Day, Thanksgiving Day, the Friday after Thanksgiving, Day before Christmas, Christmas Day, and any Friday preceding a holiday falling on a Saturday.

JOB DESCRIPTION Excerpt from Agreement between LU 350 of United Assoc. of Journeymen and Apprentices of the Plumbing and Pipefitting Industry of United States and Canada.

Installation of all heating and refrigeration systems and competent parts thereof, including fabrication, assembling, erection installation, dismantling, repairing, reconditioning, adjusting, altering servicing, handling, distributing, and tying on all piping materials appurtenances and equipment by method, including all hangars and supports of every description, all other work including the trade relevant to oil burner and all other types of heating and refrigeration equipment including low voltage controls.

¹ Eight (8) consecutive hours or ten (10) consecutive hours on a four (4) tens (10) schedule, worked at least four (4) consecutive days...exclusive of one-half hour for lunch.

² The normal start time shall be between 5:00 a.m. and 8:00 a.m.

³ Observed on the date designated by state or federal law.

⁴ If a holiday falls on a Sunday, the following Monday shall be observed and shall be a double (2x) time day, if worked.

Craft: ROOFER (Union Rate)
(Does not include sheet metal roofs)

Prevailing wage rates include the base rate as well as all applicable fringes

Roofer-Journeyman ¹	53.18
Roofer-Foreman ²	61.33

ADD PREMIUM PAY

Any work performed in excess of ten (10) hours per day³ or forty (40) hours per week⁴ shall be paid at the rate of one and one half (1.5) times the regular straight time rate of pay.

Two times (2x) the regular wage shall be paid for all work performed on Sundays.

Two times (2x) the regular wage shall be paid for work performed on a Holiday.

RECOGNIZED HOLIDAYS

New Year's Day, President's Day, Memorial Day, Fourth of July, Labor Day, Veteran's Day, Thanksgiving Day, day after Thanksgiving and Christmas Day⁵.

JOB DESCRIPTION Excerpt from Roofers, Waterproofers, and Allied Workers Local 162.

All slate where used for roofing of any size, shape or color, used in any manner laid, including flat or promenade slates, with necessary metal flashing to make water-tight.

All tile where used for roofing of any size, shape or color, used in any manner laid, including flat or promenade tile, with necessary metal flashing to make watertight.

All asbestos shingles where used for roofing of any size, shape or color, and in any manner, laid with necessary metal flashing to make watertight.

All cementing in, on or around the said slate or tile roof or promenade.

All laying of felt, paper, membranes, ice shields, vapor barriers or similar underlayments on substrates.

All dressing, punching and cutting of all roof slate or tile.

All operation of slate cutting or punching machinery.

All substitute material taking the place of slate or tile, as asbestos slate or tile, cement or composition tile, including shingles of composition wood and metal tile.

All removal of slate or tile roofing as defined above when a roof is to be reapplied in their place.

All solar or photovoltaic cell-type roofing systems used to transform solar energy to electrical energy.

All organic or inorganic felts and fabrics that comprise the reinforcing membrane of built-up roofing and waterproofing systems.

All waterproofing using bituminous products whether structures are above or below grade.

All forms of plastic, slate, slag, gravel, or rock roofing, including all types of aggregates, blocks, bricks, stones or pavers used to ballast or protect Inverted Roof Membrane Assembly (IRMA) roofs, or roofs of similar construction where the insulation is laid over the roof membrane.

All kinds of asphalt and composition roofing and waterproofing.

All base flashings, curb flashings, and counter flashings of bituminous composition used to roof or waterproof intersections of horizontal surfaces.

¹ A Journeyperson of a three (3) person crew or more shall be designated a Foreman.

² The Foreman's wage shall be twenty percent (20%) over a Journey person's base wage.

³ The regular workday shall be eight to ten (8 to 10) hours plus a half (1/2) hour unpaid lunch.

⁴ The regular workweek shall be a forty (40) flexible schedule, Monday thru Saturday. The regular workday shall start as scheduled by the employer.

⁵ If a designated holiday falls on Saturday, it shall be observed on the preceding Friday as a day off; a holiday falling on Sunday shall be observed on the following Monday as a day off; a holiday falling on Tuesday, Wednesday, or Thursday shall be observed on that day.

All components of composition roofing systems used to seal the roof, including but not limited to compression seals, termination bars, lath, roof cement and reinforcements, caulking and sealants.

All kinds of coal tar pitch and coal tar bitumen roofing and waterproofing.

All cleaning, preparing, priming and sealing of roof decks and surfaces that receive roofing, dampproofing and/or waterproofing.

All rock asphalt and composition roofing.

All rock asphalt mastic when used for damp and waterproofing.

All prepared paper roofing.

All mineral surfaced roofing, including 90lb., and 818, whether nailed, mopped with bitumen, or applied with mastic or adhesive.

All compressed paper, chemically prepared paper, and burlap when used for roofing or damp and waterproofing purposes, with or without coating.

All substrates used on the roof deck for fireproofing or any materials used as a support or nailing surface for the roofing system over the deck.

All damp resisting preparations when applied with a mop, brush, roller, swab, trowel, or spray system inside or outside of structure.

All damp course, sheeting or coating on all foundation work.

All tarred floors.

All wood block floors that are set in and/or coated with bituminous products.

All waterproofing of shower pans and/or stalls.

All laying of tile, wood block or brick, when laid in pitch, tar, asphalt mastic, marmolite, or any form of bituminous products.

All forms of insulation used as part of, or in connection with, roofing, waterproofing or dampproofing.

All forms of composite insulations having nailable surfaces (e.g. plywood, pressboard, chipboard, drywall, or other laminates) bonded to the insulation wherever such composite insulations are used as an integral thermal insulating component of the roofing system.

All forms of protection boards, walkway pads and roof treads used in composition roofing or waterproofing to protect the membrane from damage.

All types of coatings, toppings and finishes used on the roof surfaces.

All solar or photovoltaic cell-type structures that are used as substitutes for ballast or membrane protection.

All solar or photovoltaic cell-type roof membrane systems used to transform solar energy to electrical energy.

All forms of elastomeric and/or plastic (elasto-plastic) roofing systems, both sheet and liquid applied, whether single-ply or multi-ply. These shall include but not limited to:

- a. PVC (polyvinyl chloride systems)
- b. Butyl Rubber
- c. EPDM (Ethylene-propylene diene monomer)
- d. PIB (polyisobutylene)
- e. CPE (chlorinated polyethylene)
- f. CSPE (chlorosulfonated polyethylene)
- g. Modified bitumens
- h. TPO Membrane (Thermo Plastic Olefin)

All sealing and caulking of seams and joints on these roofing systems by heat or solvent welding or by adhesives or butyl tapes or any other means.

All base flashings, curb flashings and counter flashings of elasto-plastic composition as outlined

All components of elasto-plastic roofing systems used to seal the roof including but not limited to, compression seals, termination bars, caulking and sealants.

All insulations applied with the above systems, whether laid dry, mechanically fastened, or attached with adhesives, to include any gypsum board and/or fire barrier required.

All forms of composite insulations having nailable surfaces (e.g. plywood, chipboard, drywall, or other laminates) bonded to the insulation wherever such composite insulations are used as an integral thermal insulating component of the roofing system.

All types of aggregates, blocks, bricks, stones, or units of photovoltaic cell construction used to ballast these elasto-plastic systems.

All types of aggregates, blocks, stones, pavers or units of photovoltaic cell construction used to ballast or protect Inverted Roofing Membrane Assembly (IRMA) roofs, or roofs of similar construction where the insulation is laid over the roof membrane.

All sealing and caulking of seams and joints on these elasto-plastic systems to ensure water-tightness.

All liquid-type elasto-plastic preparations for roofing, damp or waterproofing when applied with a squeegee, trowel, roller or spray equipment, whether applied inside or outside of the building.

All sheet-type, elasto-plastic systems, whether single or multi-ply for waterproofing either inside or outside of a building.

All cleaning, preparing, priming and sealing of surfaces to be roofed, dampproofed or waterproofed, whether done by roller, mop, swab, three-knot brush, squeegee, spray systems, or any other means of application.

All types of pre-formed panels and rolls used in waterproofing (Volclay, Bentonite etc.)

All applications of protection boards to prevent damage to the dampproofing or waterproofing membrane by other crafts or during back-filling operations.

All handling of roofing, damp and waterproofing materials.

All hoisting and storing of roofing, damp and waterproofing materials.

All types of spray-in-place foams such as urethane, polyurethane, or polyisocyanurate, the machinery and equipment used to apply them, and the coatings that are applied over them.

All types of resaturants, coatings, mastics and toppings when used for roof maintenance and repairs.

All wrapping and/or coating of underground pipelines with bitumastic enamel or cold process, polykin tape, tapecoat, or other asphaltic coatings or tape inside or outside of pipe, whether done by roller, mop, swab, three-knot brush, or spray systems. Preparation of surface by sand blasting or wire brushing.

All operation of jeeper or holiday detectors.

All Zonolite or Cellular Concrete Roof Insulation and all materials, the machinery and equipment used to apply them.

All materials laminated to roofing and/or insulation systems.

Craft: SHEET METAL WORKERS (Union Rate)
Prevailing wage rates include the base rate as well as all applicable fringes

Sheet Metal Worker Journeyman.....	93.36
Sheet Metal Worker -Foreman.....	99.35
Sheet Metal Worker -General Foreman.....	105.33

ADD ZONE RATE

In addition to SHEET METAL WORKER rates, the amounts per hour calculated on one-way drive miles using Google maps based on shortest distances from the City Hall of Las Vegas, Nevada:

Zone 1	0 to 29 miles	\$0.00
Zone 2	30 to 49 miles	\$3.00
Zone 3	50 to 100 miles	\$6.00
Zone 4	Over 100 miles	\$9.00

ADD PREMIUM PAY

All work performed outside the regular working hours¹ during the regular work week² shall be at one and one-half (1.5) times the straight time rate of pay. Sunday and Holidays shall be paid at double (2x) times the straight time rate of pay. When employees work more than sixty (60) hours in a work week it will be at double (2x) time.

RECOGNIZED HOLIDAYS³

New Year's Day, Presidents' Day, Memorial Day, Independence Day, Labor Day, Veterans Day, Thanksgiving Day, the Friday following Thanksgiving Day, Christmas Eve Day, Christmas Day, or days locally observed as such, and Sunday shall be recognized as holidays.

JOB DESCRIPTION: Excerpt from Sheet Metal Local 88 Collective Bargaining Agreement.

Manufacture, fabrication, assembling, handling, erection, installation, dismantling, conditioning, adjustment, alteration, repairing and servicing of all ferrous or nonferrous metal work and all other materials used in lieu thereof and of all kitchen equipment, HVAC systems, air veyor systems, exhaust systems, and air-handling systems, regardless of material used including the setting of all equipment and all reinforcements in connection therewith.

All lagging over insulation and all duct lining.

Testing and balancing of all air-handling equipment and duct work.

The preparation of all shop and field sketches whether manually drawn or computer assisted used in fabrication and erection, including those taken from original architectural and engineering drawings or sketches.

Metal exterior wall systems, metal roofing and underlayment regardless of material used.

Any and all auditing, commissioning and testing, of all HVAC in connection with building rating methods.

Detailing, shop fabrication, field installation and performance-oriented tasks.

All other work included in the jurisdictional claims of International Association of Sheet Metal, Air, Rail and Transportation Workers.

¹ Eight (8) hours between 6:00 a.m. and 4:30 p.m., except for the months of May 15 through September 15 in which 5:00 a.m. may be the start time. Other start times must be approved.

² Five (5) consecutive eight (8) hour days, beginning with Monday and ending with Friday of each week.

³ If a holiday falls on Sunday, the Monday following shall be a recognized holiday.

Craft: SPRINKLER FITTER (Non-Union Rate)¹
Prevailing wage rates include the base rate as well as all applicable fringes

Sprinkler Fitter-Journeyman.....24.00

JOB DESCRIPTION:

- Shut off steam, water, or other gases or liquids from pipe sections, using valve keys or wrenches.
- Install underground storm, sanitary, or water piping systems, extending piping as needed to connect fixtures and plumbing.
- Assemble pipe sections, tubing, or fittings, using couplings, clamps, screws, bolts, cement, plastic solvent, caulking, or soldering, brazing, or welding equipment.
- Locate and mark the position of pipe installations, connections, passage holes, or fixtures in structures, using measuring instruments such as rulers or levels.
- Cut, thread, or hammer pipes to specifications, using tools such as saws, cutting torches, pipe threaders, or pipe benders.
- Getting Information — Observing, receiving, and otherwise obtaining information from all relevant sources.
- Identifying Objects, Actions, and Events — Identifying information by categorizing, estimating, recognizing differences or similarities, and detecting changes in circumstances or events.
- Making Decisions and Solving Problems — Analyzing information and evaluating results to choose the best solution and solve problems.
- Inspecting Equipment, Structures, or Materials — Inspecting equipment, structures, or materials to identify the cause of errors or other problems or defects.
- Performing General Physical Activities — Performing general physical activities includes doing activities that require considerable use of your arms and legs and moving your whole body, such as climbing, lifting, balancing, walking, stooping, and handling materials.
- Install plumbing or piping.
- Maintain plumbing structures or fixtures.
- Weld metal components.
- Mark reference points on construction materials.
- Measure materials or objects for installation or assembly.

¹ Job description copied from O*NET OnLine

Craft: TAPER (Union Rate)

Prevailing wage rates include the base rate as well as all applicable fringes

Taper-Journeyman.....	79.52
Taper-Foreman.....	84.57
Taper-General Foreman.....	90.13

ADD ZONE RATE

In addition to TAPER rates, add the applicable amounts per hour, calculated from the intersection of Maryland Parkway and Charleston Boulevard in Las Vegas, NV:

Zone 1	0 to 50 Miles	\$0.00
Zone 2	Over 50 Miles	\$5.00

ADD PREMIUM PAY

First two (2) hours outside the regular constituted shift¹ shall be at the rate of time and one-half (1.5x). Saturdays up to the first ten (10) hours shall be at the rate of time and one-half (1.5x). All additional Saturday hours, Sundays, and holidays shall be the rate of double time (2x).

RECOGNIZED HOLIDAYS

New Year's Day, Washington's Birthday (President's Day), Memorial Day, 4th of July, Labor Day, Veteran's Day, Thanksgiving Day, the Friday after Thanksgiving, Christmas Day.

JOB DESCRIPTION Excerpt from Nevada Contractors Association and Southwest Mountain States Regional Council of Carpenters and Affiliated Local Unions Master Labor Agreement

Building, heavy highway, and engineering construction, including the construction of, in whole or in part, or improvement or modification thereof, including any structure or operations which are incidental thereto, the assembly, operation, maintenance and repair of equipment, and facilities, used in connection with the performance of the aforementioned work and services and including without limitation the following types or classes of work.

Street and highway work, elevated highways, viaducts, bridges, abutments, retaining walls, subways, water supply, water development, reclamation, irrigation, draining and flood control projects, water mains, pipelines, sanitation and sewer projects, dams, aqueducts, canals, reservoirs, intakes, channels, levees, dikes, revetments, foundations, pile driving, piers, locks, dikes rivers and harbor projects, breakwaters, jetties, dredging, tunnels and building inspection. The handling, cleaning, erection, installation and dismantling of machinery, equipment and all work on robotics, included but not limited to rigging, handling, installation, maintenance, programming and the use of all stationary and/or portable robots. This shall include the use of all robots used in any industry, including the nuclear field.

The construction, erection, alteration, repair, modification, demolition, addition or improvement, in whole or in part, of any building structure, including oil or gas refineries and incidental structures, solar energy installations and appurtenances which are incidental thereto, or the installation, operation, maintenance and repair equipment, and other facilities used in connection with the performance of such building construction except where such structures are an incidental or supplemental part of highway and engineering construction, as defined in this Section.

¹ Regular constituted shift is eight (8) consecutive hours, exclusive of the meal period...between the hours of 2:00 a.m. and 5:00 p.m.

The Contractor shall construct all wood panel forms, and frame walls to be used on the jobsite for a specific project and such work shall be performed only by carpenters under the terms of this Agreement.

Any wood panel forms that are constructed by the carpenters under the provisions of this Agreement may be reused on any jobsite by any Contractor.

Any modifications of wood panel forms shall be performed only under the provisions of this Agreement.

The provisions of this Agreement shall apply to all standard manufactured commercial brand forms for the placement of concrete where field assembly and disassembly is required. The installation, stripping, and disassembly of forms, which may be reused on any jobsite by any contractor and shoring, will be in accordance with the provisions of this Agreement.

This Agreement shall cover all work in connection with Hico and similar type beams including, but not limited to the unloading, carrying, spotting and stacking the initial delivery, the installation, and stripping and removing of Hico shores.

This Agreement shall cover all work in connection with Plywood Decking including, but not limited to, the carrying, stacking, installation, and removal.

This Agreement shall cover all work in connection with Beam Sides and Beam Soffits, including, but not limited to the cutting, setting, removal, relocation and stacking of Beam Sides and Soffits, bracing and pads.

This Agreement shall cover all concrete form work, including, but not limited to, the fabrication, constructing, placing, erection, rigging and hoisting, stripping and removing of all forms and the operation of the fork lift, Leod, Pettibone or mobile equipment to perform all of the above work. This agreement also covers concrete floor polishing.

This Agreement shall cover all work in connection with precast, prestressed concrete stone or fabricated units, including, but not limited to, lightweight precast, GFRC, Stone Panels (excluding solid Marble and Granite), Dryvit Exterior Insulating Finish Systems, (EFIS) or any other system of panels that is attached to the interior or exterior of any building or structure; any pre-fabricated concrete stone or imitation stone included as part of the exterior wall system; and any prestressed or precast structural framing members, columns, lintels, and beams and metal studs in reference to all the above work. This Agreement shall include theming work utilizing the materials mentioned above. This Agreement shall cover all types of exhibit work traditionally performed by carpenters.

The laying out of all work and operation of all tools and equipment for cutting, handling, assembling and fabrication whether performed at the jobsite or a panelization compound of any and all structural members, including but not limited to those required for pre-fabricated flat curtain wall panels and continuous aesthetic trims or "pop-outs", i.e., cornice work and/or horizontal and vertical banding of any type where such metal framing must be added (to the flat panel) to minimize overall EFIS foam thicknesses and thereby comply with local codes for EFIS curtain walls.

Pre-fabrication of materials outside this agreement is permissible under the following situations:

Custom or specialty non-linear trims, such as ornate column bases, capitals, medallions, and so forth may be all or partially framed outside this agreement if the framing itself is required to affect the assembly of applicable profiled elements thereon for the purpose of shipment to the jobsite; and also, where EPS (foam) profiles or elements are desirable to compete with more costly exterior elements such as GFRC and FRP.

Where contractors are bidding against non-union contractors who have access to prefabricated products and such products would make unionized contractors noncompetitive and endanger their prospects of successfully competing for a job. In such cases, this waiver shall be processed by the Work Preservation Committee.

This Agreement shall cover all work in connection with tilt-up slabs, including but not limited to, benchmarks, lay out, setting of all forms, block outs, metal door and window jambs, templates for bolts, lift points, knee braces, all stripping of forms (whether or not to be reused), rigging, setting, plumbing, and lining, welding, drilling, cleaning, ledger bolts, setting ledgers, setting of expansion joints and caulking. Also, to include forms for stairs and loading docks (setting and stripping), installation of all doors including roll-up, installation of laminated beams or precast structures, and operation of the forklift to perform all of the above work.

This Agreement shall cover all work in connection with the hoisting of materials, which are to be used by the carpenters including but not limited to the rigging, guiding, and handling.

This Agreement shall cover all work in connection with self-supporting scaffolds over fourteen (14) feet in height or scaffold built for special purposes including, but not limited to, handling, building, erecting and disassembling. Building, erecting and dismantling of any and all motorized or mechanical mast climbing and swinging stage type scaffolds for multi-craft use. Scaffolds erected and dismantled by the scaffold contractors, shall be the work of the carpenters.

This Agreement shall cover all work in connection with office modular furniture systems including, but not limited to the unloading by any means, stockpiling, distribution to point of, erection, carrying, handling, transportation, uncrating, installation, cleaning and/or staging of all office, commercial, industrial, institutional, and hotel furniture, furniture systems, furnishing, etc., including (regardless of their materials or method or manner of installation, attachment or connection). Also included will be layout work including the use of level, transit and any other instrument or tool (or adaptable tool) required for the work herein described.

This Agreement shall cover asbestos abatement and other work involving the removal of hazardous materials. In the event this work is subcontracted by the Contractor, (Section III shall not apply as stated below). Section III shall not apply but the Contractor agrees to utilize his best efforts to ensure that the work is done by a contractor signatory to an agreement with the Union, provided suitable and competitive signatory contractors are available.

The carpenters claim installation of metal studs, metal frames, including siding attached thereto, architectural metal and decorative metal panels, shingles, roofing, and plastics used in the performance of carpentry work, operation of the Pettibone and forklift incidental to carpentry work and the use of survey instruments, either optical or electronic. Carpenters assigned to using survey instruments shall receive not less than the rate of pay for his regular classification.

The carpenters claim the layout, rigging, tagging, signaling, cutting, burning, welding, chain sawing, driving, setting and pulling of all soldier piles and soldier beams together with all necessary waling, shoring, underpinning, struts, bracing, capping and lagging necessary for construction of subterranean structures of all types to include, but not limited to subways, subway stations, buildings, storm drains, sewers, pipe lines and all open cut and cover construction projects. The carpenters further claim construction of all covers and access mats to include all necessary rigging for setting and removing, whether intermittently or regularly, and installation and removal of timber decking.

Fences constructed of wood, insulation installation, drywall and lathing work is covered in this Agreement and is considered as bargaining unit work, performed under all the terms and conditions of this Agreement.

Drywall work, as defined in the Nevada Drywall Master Agreement, and which is covered in this Agreement and is considered as bargaining unit work, shall be performed under all the terms and conditions of the Nevada Drywall Master Agreement between the Southwest Mountain States Regional Council of Carpenters and the Western Wall and Ceiling Contractors Association or the Painting and Decorating Contractors of America. Provided, however, that a Contractor may perform minor and incidental drywall work under the terms and conditions of this Agreement. As of July 1, 2007, the Contractor or his Drywall subcontractor will pay fringe benefits to the Carpenters Trust Funds detailed in this Agreement and, additionally, to any other Drywall Trust Funds that may be negotiated.

All drywall work including, but not limited to: The installation, carrying, transportation, handling, stocking, scrapping of all materials and component parts of all types of ceilings regardless of their material or composition or method or manner of installation, attachment or connection, including but not limited to all hangers, carrying channels, cross furring, stiffeners, braces, all bars regardless of material or method of attachment, all integrated gypsum wallboard ceiling heat panels, all radiant heat ceiling backing, all main tees, all cross tees, all splines, all wall and ceiling angles or moldings, all backing board and all finish ceilings materials regardless of method or manner of installation.

All work in connection with the installation, erection and/or application, carrying, transportation, handling, stocking and scrapping of all materials and component parts of wall and partitions regardless of their material composition or method or manner of their installation, attachment or connection, including but not limited to all floor and ceiling runners, studs, stiffeners, cross bracing, fire blocking, resilient channels, furring channels, doors and windows, including frames, casing, molding, base accessory trim items, gypsum drywall materials, laminated gypsum systems, backing board for all systems, including but not limited to thin coat and other finished systems, plastic and/or paint finished bases, finish board, fireproofing of beams and columns, fire proofing of chase, sound and thermal insulation materials, fixture attachments including all, layout work, preparation of all openings for lighting, air vents or other purposes, and all other necessary or related work in connection therewith. Carpenters shall manage all scrap materials associated with their work.

No limitation shall be placed on the work covered by this Section by reason of the surface or texture or purpose for which the materials described herein are used, designed, or intended.

It is further specifically understood that the installation, tying and connection of all types of light iron and metal studs and all types of light iron furring erected to receive the materials specified in this article, including but not limited to gypsum wallboard, walls, partitions, ceiling heat panels, backing boards, plastic or acoustical materials or any material attached to the above described light iron construction is specifically included in the work covered by this Section. This agreement also covers the installation of decorative metal and any type of metal panel.

The installation, erection, and construction to include the work of fabrication of all materials to receive a plaster finish, to also include the completing of all light iron construction, furring, making, and erecting of brackets, clips and hangers; metal lath, corner beads and arches erected for the purpose of holding gypsum plaster, cement plaster and all other plaster bases.

All carrying bars, purlins, and furring, regardless of size, light iron and metal furring of all descriptions such as rods, channel flat iron and other ceiling systems for the receipt of metal lath, or rock lath, and all other plaster bases which are to receive plaster on one or both sides, to include any and all plastering accessories.

The nailing, tying, cutting, welding, and fastening, regardless of method, of the above and all wire and metallic lath of all descriptions connected therewith.

The placing, handling, moving and erection of all materials, which fall within the description of work, set forth in this Section. The erecting and moving of all scaffolds and the moving and handling of all materials to be used in the erection of scaffolds or other patented scaffolding.

The work shall include all types of wood flooring of any size, shape, or pattern in all its branches and phases, such as nailing, filling, laying, striping, tongue and groove, underlayment, blocks-mastic work, sanding, edging, staining, finishing, basing, application of shellac, varnishes, sealers, waxing and all maintenance and related work. Computer floors, and/or raised access floors in all its branches and phases, such as material handling, layout, fabrication, maintenance, installation, cutting, fitting, and fastening of all materials and components, such as pedestal stanchions, stringer systems, seismic bracing, unistrut systems, x-ray supports, light supports, cable vault supports, racks, shelving, ceiling grids, clean room wall framing, ceiling supports, utility screen supports, unistrut metal framing systems of all lightweight standardized components which can be bolted together to form roofs, decks and special structural elements of varying modular configurations and all other necessary structural support assemblies. Installation of ramps, steps, fascia assemblies, plenum dividers, air grills, cable cut-outs, ledge extrusion, handrail assemblies, cove base at perimeter walls, lamination of coverings onto floor panels, and any other operation relative to computer floor installations. In addition to wood flooring, this Agreement shall also cover all types of floor coverings and treatments, including the application of terrazzo and concrete polishing.

This Agreement shall cover all work necessary to repair, adjust, or modify Carpenter scopework including any precision demolition associated with such work.

Craft: TILE SETTER/TERRAZZO WORKER/MARBLE MASON (Union Rate)
Prevailing wage rates include the base rate as well as all applicable fringes

Tile Setter/Terrazzo Worker/Marble Mason- Finisher.....	52.47
Tile Setter.....	68.56
Terrazzo Worker/Marble Mason	71.19

ZONE RATE¹

Workers shall be entitled to receive the following expense payments for travel on jobs located over forty (40) miles from the City Hall of Las Vegas, Nevada:

Zone 1	0-40 Miles	Free Zone
Zone 2	41-50 Miles	\$40.00 per day
Zone 3	51-70 Miles	\$60.00 per day
Zone 4	71 Miles and Over	\$80.00 per day

If requested by the Employer to stay the weekend when working on a job located over forty (40) miles from the City Hall of Las Vegas, Nevada: \$145.00 per day, during the weekend only.

ADD PREMIUM PAY

Standard workday is eight (8) continuous hours of work between the hours of 5:30 am and 4:30 pm. Employees will be paid one and one-half (1.5) times the hourly wage rate for all hours worked over eight (8) in a single day, and double time (2x) after ten (10) hours in a single day. The first ten (10) hours performed on Saturday² shall be at one and one-half (1.5) times the straight time rate and all work performed thereafter shall be paid at double (2x)³. Sundays⁴ and Holidays shall be paid at double (2x) the straight time of pay.

SHIFT DIFFERENTIAL

The normal starting time for the first shift shall be between 5:30-10:00 am. If two work shifts are established, employees working on the second shift shall receive eight hours times the basic straight time rate plus an additional fifty cents (\$.50) per hour for each of those eight hours. If three work shifts are established, the third shift shall consist of seven hours of continuous work, plus one half-hour unpaid lunch period midway through the shift. Employees working on the third shift shall receive the basic straight time rate plus three dollars and twenty-five cents (\$3.25) for each of those seven hours. Time worked in excess of seven (7) hours on the third shift shall be paid at the appropriate overtime rate⁵.

RECOGNIZED HOLIDAYS

New Year's Day, Presidents' Day, Memorial Day, Fourth of July, Labor Day, Veterans' Day, Thanksgiving Day, Friday following Thanksgiving Day, and Christmas Day. Any holiday falling on a Sunday will be observed on the Monday following, and any holiday falling on a Saturday will be observed on the preceding Friday.

¹ Boulder City and Primm are designated as free zones

² Regardless of whether or not the Employer has already made forty (40) hours of work available during the preceding work week.

³ Exceptions: The Saturday falls on a Union recognized holiday – then all hours should be paid at double (2x); Where it was not possible to work Monday through Friday of the preceding work week due to weather conditions or a breakdown of a piece of major equipment on the jobsite then up to eight (8) hours of work on Saturday may be performed at the straight time wage rate; the employer and employee agree that the missed day (up to eight (8) hours of work) can be made up by working Saturday at the straight time rate, written notice must be provided to the Union and signed by the employee

⁴ If the employee did not work forty (40) straight time hours in the preceding week that employee shall be paid at one and one-half (1.5) the hourly wage rate for that portion of the Sunday work required to reach forty (40).

⁵ One and one half (1.5) the straight time rate.

JOB DESCRIPTION: Excerpt from Agreement between BAC 13 Nevada of the Mountain West Administrative District Council Master Labor Agreement.

FINISHER'S WORK:

Finisher's work shall consist of assisting, helping or supporting the tile, marble and terrazzo mechanic by performing their historic and traditional work assignments. required to complete the proper installation of the work covered by Sections 5, 7 and 8 of this Code.

TILE LAYERS' WORK:

Tile laying shall consist of, but not be limited to, the following work procedures and installation of the following materials:

The laying, cutting or setting of all tile where used for floors, walls, ceilings, walks, promenade roofs, stair treads, stair risers, facings, hearths, fireplaces, and decorative inserts, together with any marble plinths, thresholds or window stools used in connection with any tile work; also, preparing and setting all concrete, cement, brickwork, or other foundation or materials that may be required to properly set and complete such work; setting or bedding all tiling, stone, marble, composition, glass, mosaic, or other materials forming the facing, hearth or fireplace of a mantel, or the mantel complete, together with setting of all cement, brickwork, or other materials required in connection with the above work; also the slabbing and fabrication of tile mantels, counters and tile panels of every description, and the erection and installation of same; the building, shaping, forming, construction or repairing of all fireplace work, whether in connection with a mantel hearth facing or not, and the setting and preparing of all material, such as cement, plaster, mortar, brickwork, iron work or other materials necessary for the proper and safe construction and completion of such work, except that a mantel made exclusively of brick, marble or stone, shall be conceded to be bricklayers', marble setters' or stonemasons' work, respectively.

It will be understood that the word "tile" refers to all burned clay products, as used in the tile industry, either glazed or unglazed, and to all composition materials made in single units up to 15"x20"x2", except quarry tiles larger than 9"x9"x1 1/4", also to mixtures in tile form of cement, plastics and metals that are made for and intended for use as a finished floor surface, whether upon interior or exterior floors, stair treads, promenade roofs, garden walks, interior walls, ceilings, swimming pools, and all places where tile may be used to form a finished surface for practical use, sanitary finish or decorative purposes, for setting all accessories in connection therewith, or for decorative inserts in other materials.

All terra cotta called unit tile in sizes of 6"x12" or under, regardless of method of installation, quarry tile 9"x9"x1 1/4" or less; split brick or quarry tile or similar material where the bed is floated or screeded and the joints grouted. Where the work is installed by tile layers, the grouting and cleaning shall be supervised by the mechanic. The bedding, jointing, and pointing of the above materials shall be the work of the craft installing the same. All clay products known as terra cotta tile, unit tile, ceramic veneer and machine-made terra cotta, and like materials in sizes 6"x12" and less regardless of the method of installation. Where the preponderance of materials to be installed comes within the provisions of this Section and when there is also some material in excess of the sizes provided for in this Section, the tile setter shall install all such materials.

The preparation, setup, calibration, operation, cleaning, and routine maintenance of any mechanical devices or robotics used to install tile and related materials, or that otherwise assist the tile layer in performing any of the work described in Article II and Code 1 of the IU Constitution, as well as the preparation and ongoing maintenance of the work area to allow proper installation of tile and related materials.

Craft: TRAFFIC BARRIER ERECTOR (Union Rate)
Prevailing wage rates include the base rate as well as all applicable fringes

[See Laborers Group 1](#)

Craft: Truck Driver (Non-Union Rate)¹
Prevailing wage rates include the base rate as well as all applicable fringes

Truck Driver.....65.52

JOB DESCRIPTION:

Per Nevada Administrative Code 338.017, a worker who performs the craft of truck driver shall be deemed to be employed on a public work only while:

1. Transporting materials at the site of a public work; or
2. Transporting materials between the sites of a public work.

¹ Job description copied from O*NET OnLine

Craft: WELL DRILLER (Non-Union Rate)¹
Prevailing wage rates include the base rate as well as all applicable fringes

Well Driller.....60.78

JOB DESCRIPTION:

- Operate a variety of drills such as rotary, churn, and pneumatic to tap subsurface water and salt deposits, to remove core samples during mineral exploration or soil testing, and to facilitate the use of explosives in mining or construction. Includes horizontal and earth boring machine operators.
- Operate controls to stabilize machines and to position and align drills.
- Start, stop, and control drilling speed of machines and insertion of casings into holes.
- Regulate air pressure, rotary speed, and downward pressure, according to the type of rock or concrete being drilled.
- Select and attach drill bits and drill rods, adding more rods as hole depths increase, and changing drill bits as needed.
- Drive or guide truck-mounted equipment into position, level and stabilize rigs, and extend telescoping derricks.
- Operate machines to flush earth cuttings or to blow dust from holes.
- Verify depths and alignments of boring positions.
- Perform routine maintenance and upgrade work on machines and equipment, such as replacing parts, building up drill bits, and lubricating machinery.
- Select the appropriate drill for the job, using knowledge of rock or soil conditions.
- Document geological formations encountered during work.
- Drive trucks, tractors, or truck-mounted drills to and from work sites.
- Assemble and position machines, augers, casing pipes, and other equipment, using hand and power tools.
- Record drilling progress and geological data.
- Retrieve lost equipment from bore holes, using retrieval tools and equipment.
- Fabricate well casings.
- Pour water into wells, or pump water or slush into wells to cool drill bits and to remove drillings.
- Create and lay out designs for drill and blast patterns.
- Place and install screens, casings, pumps, and other well fixtures to develop wells.
- Operate water-well drilling rigs and other equipment to drill, bore, and dig for water wells or for environmental assessment purposes.
- Review client requirements and proposed locations for drilling operations to determine feasibility, and to determine cost estimates.
- Drill or bore holes in rock for blasting, grouting, anchoring, or building foundations.
- Perform pumping tests to assess well performance.
- Disinfect, reconstruct, and redevelop contaminated wells and water pumping systems, and clean and disinfect new wells in preparation for use.
- Design well pumping systems.
- Signal crane operators to move equipment.
- Withdraw drill rods from holes, and extract core samples.
- Inspect core samples to determine nature of strata, or take samples to laboratories for analysis.
- Retract augers to force discharge dirt from holes.
- Monitor drilling operations, by checking gauges and listening to equipment to assess drilling conditions and to determine the need to adjust drilling or alter equipment.

¹ Job description copied from O*NET OnLine

GROUP CLASSIFICATIONS

LABORER

Group 1

- Traffic Control Tech and working Traffic Control Supervisor
- All pressure washing, all surface preparation for patching and grouting, dry packing of concrete and filling of form bolt holes
- Subgrade, finish/fine grade with use of granule or non-granule material, vapor barriers, lasers, string line, setting and leveling on highway, street paving, sidewalk, driveways, airport runways and similar type heavy construction
- Gas and oil pipeline
- Guinea chaser
- Laborer, general, construction, demolition, surgical demolition, selective demolition or Solar-Stringing of posts, installation of posts and piles, installation and bolting together of all rakes, tray tables and torque tubes. Running all bobcats, skid steers, forklifts, Turchis or similar equipment for post installation. Trashing out crates, card board boxes and trash within the solar arrays and Solar project boundaries.
- Laborer, packing rod steel and pans
- Laborer, temporary water lines (portable type)
- Laborer, loading and unloading solar panels, crates and pallets
- Laborer, handling, Installing, and setting of all solar panels/ wire management but not connections Landscape gardener (Must have knowledge of plant materials and how to plant them. Lays out plant arrangements to-follow the landscape plan)
- Stone pavers
- Nurseryman
- Tarman and mortar man, kettle man, potman and man applying asphalt, lay cold creosote, fine and similar type materials. ("Applying" means applying, dipping, brushing or handling of such materials for pipe wrapping and water proofing.)
- Underground laborer, including caisson bellows
- Window cleaner
- Scaffold Erector -(Excludes Tenders)
- Fence Erector includes but not limited to: erecting or repairing, Chain Link, wooden, metal, vinyl, steel, tortoise, wire/ wire mesh or temporary fence. Mortarless, Barrier Wall and/or Retaining Walls; Digging post holes with spade. Post hole digger or power-driven auger; Aligning post through the use of lines or by sighting; verifying vertical alignment of post with a plumb bob or spirit level.
- Mechanical Stabilized Earth Wall
- Material Handler - for all trades, including but not limited to stacking and packing of all drywall, taping mud, paint, wallpaper, wall coverings and material associated there with including Demolition of said materials.
- All Construction cleanup and Final clean-up (picking up debris, sweeping, scraping and janitorial work, including final clean-up), on all jobsites shall be the work of the Laborers, including mass jobsite clean-up by All Contractors and Sub- Contractors. except as provided in Group 1A
- Tool Crib
- Light Tool Repairman Certified
- Firewatch
- Rigging and signaling when assigned by the Contractor and/or performing the work of a Laborer or tending another craft

Group 1A

- Flagger/flag person
- Pilot car

Final clean up subject to this rate shall mean:

- Polishing furniture
- Polishing stainless steel in hotel kitchens
- Sweeping and vacuuming hallways and finished rooms and completed casino areas
- Washing windows on first floor and similar duties

Group 2

- Asphalt raker, ironer, spreader, and luteman Buggymobile man
- Cesspool digger and installer Chuck tender (except tunnels)
- Gas and oil pipeline wrapper, pot tender and form man Making and caulking of all non-metallic pipe joints
- Operators and tenders of pneumatic and electric tools, video x-ray, vibrating machines, hand propelled trenching machines, vacuum truck/ hydro excavation operation, and all associated components for its operation, impact wrench multi-plate and similar mechanical tools not separately classified herein Riprap stonepaver
- Rota-scraper
- Sandblaster (pot tender)
- Septic tank digger and installer (lead man) Tank scaler and cleaner
- Tree climber, faller, chain saw operator, Pittsburgh chipper and similar type brush shredders

Group 3

- Cutting torch operator Welding in connection with laborers work Gas and oil pipeline wrapper
- Gas and oil pipeline laborer, certified Jackhammer and/or pavement beaker
- Installing, laying and the connections of all metallic and non-metallic pipe, p.v.c. and drop inlet and duct bank, including landscape sprinklers, sewer pipe, drain pipe and underground tile
- Cement dumper (on one yard or larger mixers and handling bulk cement) Concrete core cutter
- Concrete curer, impervious membrane and oiler of all materials
- Concrete saw man,excluding tractor type, cutting scoring old or new concrete Operator of cement grinding machine
- Rock slinger
- Scaler (using boswain chair or safety belt or power tools under 100 feet)
- Forklift - A journeyman shall hold Forklift certification at time of referral for duration of employment. Bobcat/skid steer, Gannon tractor
- Working Dust control monitor, Single Axle water and Single Axle Dump Trucks Hodcarrrier-Mason Tender/Mason Finisher
- Decorative Rock Installer - (Ponds, Waterfalls, etc.) Concrete striking, floating, epoxy finish, self-leveling material,and overlay
- Shotcrete/Gunnite

Group 3A

- Placement of all concrete, including red concrete by any means Concrete Specialists
- Mudd Cutter
- Concrete vibrator operator, all sizes
- Concrete Dumper
- Slickline/Hoseman/Dumpman

Group 4

- Cribber or shorer, lagging, sheeting, trench bracing, hand guided lagging hammer head rock slinger
- Powderman-blaster, all work of loading holes, placing and blasting of all powder and explosives if whatever type, regardless of method used for such loading and placing
- Sandblaster (nozzleman) Steel header-board man Construction Specialist

Group 5

- Driller (core, diamond or wagon),
- Air track drill (all types)
- Joy driller model TW-M-2A. Gardner-Denver model DH 143 and similar type drills (in accordance with Memorandum of Understanding between Laborers and Operating Engineers dated Miami, Florida, February 3, 1954)
- Gas and oil pipeline fusion
- Gas and oil pipeline wrappers, 6" pipe and over

Group 6

- Miner and Bullgang
- Shaft, Raid, Stope, Miner
- Miner-Tunnel (Hardrock)
- Bull Gang
- Mucker
- Trackman
- Miner-Welder Pipe Jacking
- Micro-Tunneling
- Tunnel Boring Machine
- High-Scaler

Group 7

- Asbestos Abatement
- Lead Abatement
- Hazardous Waste Abatement
- Petro-Chemical Abatement
- Radiation Remediation
- Microbial Remediation
- \$.50 wage rate above group III when wearing protective suite or respirator
- Employees shall be properly certified and/or licensed at time of dispatch.

Group 8

- Attending to, handling and fueling single diaphragm pumps, insulation pumps, plasterer pumps, monocoat pumps, grout pumps
- Mason finisher
- Plaster Tending shall consist of preparation of materials and the handling and conveying of materials to be used by mechanics of other crafts, whether such preparation is by hand or any other process. After the material has been prepared, tending shall include the supplying and conveying of said material and other materials, to such mechanic, whether by bucket, hod, wheelbarrow, buggy or other motorized unit for such purpose, including forklifts.

OPERATING ENGINEER, includes but is not limited to:

Group 1

- Bargeman
- Blade Operator Assistant
- Brakeman
- Compressor Operator
- Ditch Witch, with seat or similar type equipment
- Elevator Operator - inside
- Engineer Oiler
- Forklift Operator (under 5 Tons)
- Generator Operator
- Generator, Pump or Compressor Plant Operator
- Inertial Profiler
- Pump Operator
- Signalman
- Steam Cleaner/Pressure Washer
- Switchman

Group 2

- Asphalt-Rubber Plant Operator (Nurse Tank Operator)
- Coil Rig Operator
- Concrete Mixer Operator - Skip type
- Conveyor Operator
- Fireman
- Forklift Operator (over 5 Tons)
- Heliostat assembly System (Operator Related Work)
- Hydrostatic Pump Operator
- Oiler Crusher (Asphalt or Concrete Plant)
- PJU Side Dump Jack
- Profilograph
- Rotary Drill Helper (Oilfield)
- Screening and Conveyor Machine Operator (or similar types)
- Skiploader (wheel type up to ¾ yd. without attachment)
- Tar Pot Fireman
- Temporary Heating Plant Operator
- Trenching Machine Oiler

Group 3

- Asphalt-Rubber Blend Operator
- Bobcat or similar type (Skid Steer)
- Equipment Greaser (rack)
- Ford Ferguson (with dragtype attachments)
- Helicopter Radioman (ground)
- Stationary Pipe Wrapping and Cleaning Machine Operator

Group 4

- All Terrain Placers/All Terrain Stone Slingers
- Asphalt Plant Fireman
- Backhoe Operator (Mini-Max or similar type)

- Boring Machine and/or pilot Tube Machine Operator
- Boring System Electronic Tracking Locator
- Boxman or Mixerman (Asphalt or Concrete)
- Chip Spreading Machine Operator
- Concrete Cleaning Decontamination Machine Operator
- Concrete Pump Operator (small portable)
- Direct Push Operator (Geoprobe or similar types)
- Drilling Machine Operator, Small Auger Types (Texoma Super Economatic, or similar types - Hughes 100 or 200, or similar types - drilling depth of 30' maximum)
- Equipment Greaser (Grease Truck)
- Excavator Track/Rubber-Tired-wth all attachments (Operating weight under 21,000lbs)
- Guard Rail Post Driver Operator
- Highline Cableway Signalman
- Horizontal Directional Drilling Machine
- Hydraulic Casing Oscillator Operator-drilling depth of 30' maximum
- Hydrovac Operator
- Hydra-Hammer-Aero Stomper
- Micro Tunneling (above ground tunnel)
- Power Concrete Curing Machine Operator
- Power Concrete Saw Operator
- Power - Driven Jumbo Form Setter Operator
- Power Sweeper Operator
- Rock Wheel Saw/Trencher
- Roller Operator (compacting)
- Screed Operator (Asphalt or Concrete)
- Trenching Machine Operator (up to 6 ft.)
- Vacuum or Muck Truck

Group 5

- Equipment Greaser (Grease Truck/Multi-Shift)

Group 6

- Articulating Material Hauler
- Asphalt Plant Engineer
- Batch Plant Operator
- Bit Sharpener
- Concrete Joint Machine Operator (canal and similar type)
- Concrete Placer Operator
- Concrete Planer
- Dandy Digger
- Deck Engine Operator
- Deck Engineer
- Derrickman (Oilfield type)
- DeSanding Plant Operator
- Drilling Machine Operator, Bucket or Auger Types (Calweld 100 Bucket or similar types - Watson 1000 Auger or similar types - Texoma 330, 500 or 600 Auger or similar types - drilling depth of 45' maximum)
- Drilling Machine Operator (including water wells)

- Force Feed Loader
- High Rail Swivel Dump
- Hydraulic Casing Oscillator Operator
- Hydro Seeder Machine Operator (straw, pulp or seed)
- Jackson Track Maintainer, or similar type
- Machine Tool Operator
- Maginnis Internal Full Slab Vibrator
- Mechanical Berm, curb or gutter (concrete or asphalt)
- Mechanical Finisher Operator (concrete, Clary-Johnson-Bidwell or similar)
- Micro Tunnel System (below ground)
- MST 2200, Track Dumps
- Pavement Breaker Operator (truck mounted)
- Prentice High Rail Loader
- Railcar Mover
- Road Oil Mixing Machine Operator
- Roller Operator (asphalt or finish)
- Rubber-Tired Earth Moving Equipment (single engine, up to and including 25 yds. struck)
- Self-Propelled Tar Pipelining Machine Operator
- Rumble Strip Grinder
- Skiploader Operator (crawler and wheel type, over $\frac{3}{4}$ yd. and up to and including $1\frac{1}{2}$ yds.)
- Slip Form Pump Operator (power driven hydraulic lifting device for concrete forms)
- Tractor Operator - Bulldozer, Tamper-Scraper (single engine, up to 100 h.p. flywheel and similar types, up to and including D-5 and similar types)
- Tugger Hoist Operator (1 drum)
- Ultra High-Pressure Waterjet Cutting Tool System Operator
- Vacuum Blasting Machine Operator
- Volumetric Mixer Operator
- Welder - General

Group 7

- Welder - General (Multi-Shift)

Group 8

- Allroad Mobile Timber Harvester (Albach or similar types)
- Asphalt or Concrete Spreading Operator (Tamping or Finishing)
- Asphalt Paving Machine Operator (Barber Greene or similar type)
- Asphalt-Rubber Distributor Operator
- Backhoe Operator (up to and including $\frac{3}{4}$ yd.) Small Ford, Case or similar.
- Backhoe Operator (over $\frac{3}{4}$ yd. and up to 5 cu. yd. M.R.C)
- Barrier Rail mover
- Cable Bundling Machine Operator
- Cable Trenching Machine Operator (Spider Plow or similar types)
- Cast in Place Pipe Laying Machine Operator
- Cold Foamed Asphalt Recycler
- Combination Mixer and Compressor Operator (Guniting Work)
- Compactor Operator - self propelled
- Concrete Mixer Operator - Paving
- Crushing Plant Operator (Non-Portable)
- Drill Doctor

- Drilling Machine Operator, Bucket or Auger Types (Calweld 150 Bucket or similar types - Watson 1500, 2000, 2500 Auger or similar types - Texoma 700, 800 Auger or similar types - drilling depth of 60' maximum)
- Elevating Grader Operator
- Excavator Track/Rubber-Tired- with all attachments (operating Weight 21,000 lbs-1000,000 lbs.
- Global Positioning Systems/GPS
- Grade Checker
- Gradall Operator
- Grouting Machine Operator
- Heavy Duty Repairman
- Heavy Equipment Robotics Operator
- Hydraulic Casing oscillator Operator-drilling depth of 60' maximum
- Hydraulic Operated-drilling depth of 60" maximum
- Hydraulic Operated Grout Plant (excludes hand loading)
- Kalamazoo Ballast Regulator or similar type
- Kalamazoo Switch Tamper, or similar type
- Klemm drill Operator or similar types
- Kolman Belt Loader and similar type
- Le Tourneau Blob Compactor or similar type
- Lo Drill
- Loader Operator (Athey, Euclid, Sierra and similar types)
- Master Environmental Maintenance Mechanic
- Mobark Chipper or similar types
- Ozzie Padder or similar types
- PC 490 Slot Saw
- Pneumatic Concrete Placing Machine Operator (Hackley-Presswell or similar type)
- Portable Crushing Plant Operator
- Prentice 721E Hydro-Ax
- Pumpcrete Gun Operator
- RCM Cementing Unit Operator
- Rail/Switch Grinder Operator (Harsco or similar types)
- Rail Tie Crane (Kershaw or similar type)
- Rock Drill or similar types
- Rotary Drill Operator (excluding Caison type)
- Roto Mill Operator
- Rubber-Tired Earth Moving Equipment Operator (single engine, Caterpillar, Euclid, Athey Wagon, and similar types with any and all attachments over 25 yds. and up to and including 50 cu. yds. struck)
- Rubber-Tired Earth Moving Equipment Operator (multiple engine - up to and including 25 yds. struck)
- Rubber-Tired Scraper Operator (self-loading paddle wheel type - John Deere, 1040 and similar single unit)
- Self-Propelled Curb and Gutter Machine Operator
- Shuttle Buggy
- Skiploader Operator (crawler and wheel type over 1½ yds. up to and including 6½ yds.)
- Soil Remediation Plant Operator (C.M.I. Enviro Tech Thermal or Similar Types) (Oiler Required Group II)
- Soil Stabilizer and Reclaimer
- Surface Heaters and Planer Operator

- Somero SXP Laser screed
- Speed Swing Operator
- Spike Driver (Nordco Hammer or similar types)
- Surface Heaters and Planer Operator
- Tie Adzer
- Track Spike Puller Machine Operator (Nordco or similar types)
- Tractor Compressor Drill Combination Operator
- Tractor Operator (any type larger than D-5 - 100 flywheel h.p. and over, or similar - Bulldozer, Tamper, Scraper and Push Tractor, single engine)
- Tractor Operator (boom attachments)
- Traveling Pipe Wrapping, Cleaning and Bending Machine Operator
- Trenching Machine Operator (over 6 ft. depth capacity, manufacturer's rating
Trenching Machine with Road Miner Attachment (over 6 ft. depth capacity, manufacturer's rating)
- Ultra High-Pressure Waterjet Cutting Tool System Mechanic
- Water Pull (compaction)

Group 9

- Heavy Duty Repairman (Multi-Shift)

Group 10

- Backhoe Operator (over 5 cu.yds. M.R.C)
- Drilling Machine Operator, Bucket or Auger Types (Calweld 200 B
Bucket or similar types - Watson 3000 or 5000 Auger or similar types - Texoma 900 Auger or
similar types - drilling depth of 105' maximum)
- Dual Drum Mixer
- Heavy Duty Repairman-Welder Combination
- Hydraulic Casing Oscillator Operator-drilling depth of 105' maximum
- Monorail Locomotive Operator (diesel, gas or electric)
- Motor Patrol - Blade Operator (single engine)
- Multiple Engine Tractor Operator (Euclid and similar type - except Quad 9 Cat.)
- Pneumatic Pipe Ramming Tool and similar types
- Pre-Stressed Wrapping Machine Operator (2 Operators required)
- Production Tamper – Harsco or similar
- Rail Dynamic Stabilizer
- Rubber-Tired Earth Moving Equipment Operator (single engine, over 50 yds. struck)
- Rubber-Tired Earth Moving Equipment Operator (multiple engine, Euclid, Caterpillar and similar -
over 25 yds. and up to 50 yds. struck)
- Tower Crane Repairman
- Tractor Loader Operator (crawler and wheel-type over 6½ yds.)
- Unmanned Aircraft Systems (UAS Drones) Operator (when used in conjunction with hoisting and
placing materials)
- Welder-Certified
- Woods Mixer Operator (and similar Pugmill equipment)

Group 11

- Dynamic Compactor LDC350 (or similar types)
- Heavy Duty Repairman-Welder Combination (Multi-Shift)
- Welder-Certified (Multi-Shift)

Group 12

- Auto Grader Operator
- Automatic Slip Form Operator
- Backhoe Operator (over 7 cu. Yds, M.R.S)
- Drilling Machine Operator, Bucket or Auger Types (Calweld, Auger 200 CA or similar types - Watson, Auger 6000 or similar types- Hughes Super Duty, Auger 200 or similar types - drilling depth of 175' maximum)
- Excavator Track/Rubber Tired – with all attachments (Operating Weight 100,000 lbs. – 200,000 lbs.)
- Hoe Ram or similar with Compressor
- Hydraulic Casing Oscillator Operator – drilling depth of 175' maximum
- Mass Excavator Operator - Less than 750 cu. yds.
- Mechanical Finishing Machine Operator
- Mobile Form Traveler Operator
- Motor Patrol Operator (multi-engine)
- Pipe Mobile Machine Operator
- Rubber-Tired Earth Moving Equipment Operator (multiple engine, Euclid, Caterpillar and similar type, over 50 cu. yds. struck)
- Rubber-Tired Self-Loading Scraper Operator (paddle-wheel-Auger type self-loading - two (2) or more units)
- Vermeer Rock Trencher (or similar type)

Group 13

- Rubber-Tired Earth Moving Equipment Operator, operating equipment with the Push-Pull System (single engine, up to and including 25 yds. struck)

Group 14

- Canal Liner Operator (not less than four (4) employees – Operator, Oiler, Welder, Mechanic, Grade Checker required)
- Canal Trimmer Operator
- Drilling machine Operator, Bucket or auger Types (Calweld, Auger 200 CA or similar types – Watson, August 6000 or similar types-Hughes Super Duty, Auger 200 or similar types – drilling depth of 300" maximum)
- Remote Controlled Earth Moving Equipment Operator (no one (1) Operator shall operate more than two (2) pieces of earth moving equipment at one time - One Dollar (\$1.00) per hour additional to base rate)
- Wheel Excavator Operator (over 750 cu. yds. per hour)

Group 15

- Rubber-Tired Earth Moving Equipment Operator, operating equipment with the Push-Pull System (single engine, Caterpillar, Euclid, Athey Wagon, and similar types with any and all attachments over 25 yds. and up to and including 50 cu. yds. struck)
- Rubber-Tired Earth Moving Equipment Operator, operating equipment with the Push-Pull System (multiple engine - up to and including 25 yds. struck)

Group 16

- Excavator track/Rubber-Tired-with all attachments (Operating Weight exceeding 200,000lbs)
- Rubber-Tired Earth Moving Equipment Operator, operating equipment with the Push-Pull System (single engine, over 50 yds. struck)
- Rubber-Tired Earth Moving Equipment Operator, operating equipment with the Push-Pull System (multiple engine, Euclid, Caterpillar and similar, over 25 yds. and up to 50 yds. struck)

Group 17

- Rubber-Tired Earth Moving Equipment Operator, operating equipment with the Push-Pull System (multiple engine, Euclid, Caterpillar and similar type, over 50 cu. yds. struck)
- Tandem Tractor Operator (operating crawler type tractors in tandem - Quad 9 and similar type)

Group 18

- Rubber-Tired Earth Moving Equipment Operator, operating in Tandem (scrapers, belly dumps, and similar types in any combination, excluding compaction units - single engine, up to and including 25 yds. struck)

Group 19

- Rotex Concrete Belt Operator (or similar types)
- Rubber-Tired Earth Moving Equipment Operator, operating in Tandem (scrapers, belly dumps, and similar types in any combination, including compaction units - single engine, Caterpillar, Euclid, Athey Wagon, and similar types with any and all attachments over 25 yds. and up to and including 50 cu. yds. struck)
- Rubber-Tired Earth Moving Equipment Operator, operating in Tandem (scrapers, belly dumps, and similar types in any combination, excluding compaction units - multiple engine, up to and including 25 yds. struck)

Group 20

- Rubber-Tired Earth Moving Equipment Operator, operating in Tandem (scrapers, belly dumps, and similar types in any combination, excluding compaction units - single engine, over 50 yds. struck)
- Rubber-Tired Earth Moving Equipment Operator, operating in Tandem (scrapers, belly dumps, and similar types in any combination, excluding compaction units - multiple engine, Euclid, Caterpillar and similar, over 25 yds. and up to 50 yds. struck)

Group 21

- Rubber-Tired Earth Moving Equipment Operator, operating in Tandem (scrapers, belly dumps, and similar types in any combination, excluding compaction units - multiple engine, Euclid, Caterpillar and similar type, over 50 cu. yds. struck)

Group 22

- Rubber-Tired Earth Moving Equipment Operator, operating equipment with the Tandem Push-Pull System (single engine, up to and including 25 yds. struck)

Group 23

- Rubber-Tired Earth Moving Equipment Operator, operating equipment with the Tandem Push-Pull System (single engine, Caterpillar, Euclid, Athey Wagon, and similar types with any and all attachments over 25 yds. and up to and including 50 cu. yds. struck)
- Rubber-Tired Earth Moving Equipment Operator, operating equipment with the Tandem Push-Pull System (multiple engine, up to and including 25 yds. struck)

Group 24

- Rubber-Tired Earth Moving Equipment Operator, operating equipment with the Tandem Push-Pull System (single engine, over 50 yds. struck)
- Rubber-Tired Earth Moving Equipment Operator, operating equipment with the Tandem Push-Pull System (multiple engine, Euclid, Caterpillar and similar, over 25 yds. & up to 50 yds. struck)

Group 25

- Concrete Pump Operator - truck mounted (Oiler required when boom over 105' or 36 meters)
- Pedestal Concrete Pump Operator
- Rubber-Tired Earth Moving Equipment Operator, operating equipment with the Tandem Push-Pull System (multiple engine, Euclid, Caterpillar and similar type, over 50 cu. yds. struck)
- Spyder Excavator Operator, with all attachments

OPERATING ENGINEER-CRANES, PILEDIVING AND HOISTING EQUIPMENT**Group 1**

- A-Frame or Winch Truck Operator
- Ross Carrier Operator (jobsite)

Group 2

- Bridge-Type Unloader and Turntable Operator
- Helicopter Hoist Operator

Group 3

- Hydraulic Boom Truck (Pitman)
- Knuckleboom
- Spyder Crane (or similar type)
- Stinger Crane (Austin-Western or similar type)
- Tugger Hoist Operator (1 drum)

Group 4

- Bridge Crane Operator
- Creter Crane Operator
- Hoist Operator (Chicago Boom and similar type)
- Lift Mobile Operator
- Lift Slab Machine Operator (Vagtborg and similar types)
- Material Hoist/Manlift Operator
- Ojjo Earth Truss Driver Machine Operator or similar types
- PD10 Pile driver (or similar types)
- Polar Gantry Crane Operator
- Prentice Self-Loader
- Self-Climbing Scaffold (or similar type)
- Shovel, Dragline, Clamshell Operator (over 3/4 yd. and up to 5 cu. yds. M.R.C.)
- Silent Piler (Giken or similar types)
- Snobble Unit (pin-n-go or similar type)
- Tugger Hoist Operator (2 drum)

Group 5

- Pedestal Crane Operator
- Shovel, Dragline, Clamshell Operator (over 5 cu. yds. M.R.C.)
- Tower Crane Repairman
- Tugger Hoist Operator (3 drum)

Group 6

- Crawler Transporter Operator (Track or Rubber-Tired, Goldhofer or similar type)
- Derrick Barge Operator (under 25 tons, up to and including 50 tons M.R.C.)
- Hoist Operator, Stiff Legs, Guy Derrick or similar type (up to and including 25 ton M.R.C.)
- Shovel, Dragline, Clamshell Operator (over 7 cu. yds. M.R.C.)
- Timber Handler – Sennebogen or similar types (tree hoisting/removal/site clearing)
- Rotational Telehandler Operator (when Crane Certification is required)
- Self-Propelled Modular Transporter (Schuerle, Goldhofer or similar types)

Group 7

- Derrick Barge Operator (over 25 tons, up to and including 50-ton M.R.C.)
- Highline Cableway Operator
- Hoist Operator, Stiff Legs, Guy Derrick or similar type (over 25 tons, up to and including 50-ton M.R.C.)
- K-Crane
- Polar Crane Operator
- Self-Erecting Tower Crane Operator Maximum Lifting Capacity ten (10) tons. One (1) ton operator).

Group 8

- Oiler (40 tons up to including 200 tons M.R.C)

Group 9

- Oiler (Over 200 tons)

Group 10

- ABI/Fundex Machine
- Derrick Barge Operator (over 50 tons, up to and including 100-ton M.R.C)
- Hoist Operator, Stiff Legs, Guy Derrick or similar type (over 50 tons, up to and including 100-ton M.R.C)
- Vibrocat Stone Column Operator or similar types

Group 11

- Crane Heavy Duty Repairman

Group 12

- Crane Operator (up to and including 40-ton capacity)

Group 13

- Derrick Barge Operator (over 100 tons, up to and including 200-ton M.R.C.)
- Hoist Operator, Stiff Legs, Guy Derrick or similar type (over 100 tons, up to and including 200-ton M.R.C)

Group 14

- Luffing Boom Oiler

Group 15

- Derrick Barge Operator (over 200 tons, up to and including 300-ton M.R.C.)
- Hoist Operator, Stiff Legs, Guy Derrick or similar type (over 200 tons, up to and including 300-ton M.R.C.)

Group 16

- Crane Operator (over 40 tons, up to and including 79-ton M.R.C.)

Group 17

- Crane Operator (over 80 Tons, up to and including 150-ton M.R.C.)

Group 18

- Derrick Barge Operator (over 300 tons)
- Helicopter Pilot
- Hoist Operator, Stiff Legs, Guy Derrick or similar type (over 300 tons)
- Tower Crane Operator (over 300 tons)

Group 19

- Crane Operator (over 150 tons, up to and including 200-ton M.R.C.)

Group 20

- Crane Operator (over 200 tons, up to and including 250-ton M.R.C.)

Group 21

- Crane Operator (over 250 tons, up to and including 300-ton M.R.C.)

Group 22

- Crane Operator (over 300 tons, up to and including 350-ton M.R.C.)

Group 23

- Crane Operator (over 350 tons, up to and including 500-ton M.R.C.)

Group 24

- Crane Operator (over 500 tons M.R.C.)

OPERATING ENGINEER-SURVEYOR GROUP CLASSIFICATIONS**Group 1**

- Chainman

Group 2

- Rodman

Group 3

- Group Penetrating Radar Operator (when used in conjunction with survey work)
- Instrument man
- Unmanned Aircraft Systems (UAS Drones) Operator (when used in conjunction with survey work)

Group 4

- Global Position Systems Chainman and Rodman
- Hydrographic Engineering Technician I (Chainman)
- Wild Gyroscope Instrumentman

Group 5

- Party Chief

Group 6

- E.D.M. or Fathometer Instrument man

Group 7

- Certified Party Chief

Group 8

- Hydrographic Engineer Party Chief

Group 9

- Certified Hydrographic Engineer Party Chief
- Global Position Systems Party Chief

Group 10

- Chief of Parties - Two (2) or more crews
-

OPERATING ENGINEER-Tunnel

Group 1

- Heavy Duty Repairman Helper

Group 2

- Skiploader (wheel type up to $\frac{3}{4}$ yd. without attachment)

Group 3

- Chainman
- Power - Driver Jumbo Form Setter Operator

Group 4

- Dinkey Locomotive or Motorman (up to and including 10 tons)
- Rodman

Group 5

- Bit Sharpener
- Equipment Greaser (Grease Truck)
- Instrumentman
- Multi Service Vehicle (MSV) Operator
- Slip Form Pump Operator (power driven hydraulic lifting device for concrete forms)
- Tugger Hoist Operator (1 drum)
- Tunnel Locomotive Operator (over 10 and up to and including 30 tons)
- Welder - General

Group 6

- Backhoe Operator (up to and including $\frac{3}{4}$ yd.) Small Ford, Case or similar types
- Drill Doctor
- Grouting Machine Operator
- Heading Shield Operator

- Heavy Duty Repairman
- Jumbo Pipe Carrier
- Loader Operator (Athey, Euclid, Sierra and similar types)
- Mucking Machine Operator (1/4 yd.)
- Pneumatic Concrete Placing Machine Operator (Hackley-Presswell or similar type)
- Pneumatic Heading Shield (tunnel)
- Pumpcrete Gun Operator
- Tractor Compressor Drill Combination Operator
- Tugger Hoist Operator (2 drum)
- Tunnel Locomotive Operator (over 30 tons)

Group 7

- Heavy Duty Repairman-Welder Combination

Group 8

- Party Chief

Group 9

- Certified Chief of Party
 - Tunnel Mole Boring Machine Operator
-

OPERATING ENGINEER
Field Soils and Material Tester Building/Construction Inspector

Group 1

- Field Soils and Material Tester
- Field Asphaltic Concrete (Soils and material Tester)
- Field Earthwork (Grading and Excavation and Filing)
- Hazardous Materials Soils and Material Tester
- Load Testing Inspector
- Profilograph
- Roof Inspector
- Soil Inspector
- Water Proofer/Methane

Group 2

- AWS-CWI Welding Inspector
- Building/Construction Inspector
- Fiber Wrap Inspector
- Firestopping Inspector
- Ground Penetrating Radar Operator (when used in conjunction with field soils and material testing – building/construction inspection)
- Reinforcing Steel
- Reinforced Concrete
- Pre-Tension Concrete
- Post-Tension Concrete
- Structural Steel and Welding Inspector
- Glue-Lam and Truss Joints
- Truss-Type Joint Construction
- Shear Wall and Floor System used as diaphragms
- Concrete Batch Plant
- Spray-Applied Fireproofing
- Structural Masonry

Group 3

- Licensed Grading Inspector
- Nondestructive Testing (NDT)
- Unmanned Aircraft Systems (UAS Drones) Operator (when used in conjunction with field soils and material testing – building/construction inspection)