

SCOPE OF WORK PROVISIONS

CRAFT/CLASSIFICATION

Electrician: Inside Wireman, Technician; Cable Splicer; Maintenance Electrician; Transportation Systems Electrician; Transportation Systems Electrician (Cable Splicing, Welding & Fiber Optic Splicing); Transportation Systems Technician

ID

61-441-1

LOCALITY

Orange County.

BURGLAR ALARM AND FIRE ALARM INSTALLATION

The Department has issued several important notices specifying the prevailing rate of pay for the installation of burglar and fire alarms. The notices provide a summary of the applicable rates of pay for burglar and fire alarm installation by county. To view the important notices, please visit the [Director's General Prevailing Wage Determinations website for Important Notices Archive](https://www.dir.ca.gov/oprl/Important_Notices_Archive/Important_notices_archive.htm)

(https://www.dir.ca.gov/oprl/Important_Notices_Archive/Important_notices_archive.htm).

For Burglar Alarm installation in Orange County, the minimum rate of pay would be that of Electrician: Sound Installer.

For Fire Alarm installation in Orange County, the minimum rate of pay would be that of Electrician: Sound Installer.

SCOPE OF WORK

ELECTRICAL – ELECTRONIC WORK. 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: The handling and moving of all electrical or electronic material, equipment, apparatus or appliances; 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 designed expressly for holding electrical wires, cables or bus bars. The installation of bonding and grounding systems, current carrying conductors, fiber optic conductors, photo-voltaic systems, cables, pull ropes or wires and the operation of equipment to install such; all electrical or electronic construction and erection work; installation and connecting of motors, generators, all fixtures, area light diffusing systems, appliances, and electrical maintenance thereon. The work shall also include such work as installing new light bulbs and lamps, ballasts, adjusting, focusing or refocusing or operation of any permanent or temporary flood lighting systems, including parking lot lighting. Installation of all electrical and electronic equipment, electronic systems, communication systems with all related control wiring and devices, up to and including the final running test and any related instrumentation work or radiation monitoring under the prevailing scale. Such work as welding, 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 of chasing and channeling necessary to any electrical or electronic work, the installation and maintenance of all temporary wiring and of all electrical lighting, heating and power equipment. The cutting, threading, bending of all conduit 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.

MAINTENANCE AND TEMPORARY WIRING. Workmen employed under the terms of this Agreement shall do all electrical construction, installation or erection work and all electrical maintenance thereon, including the final running tests. This shall include the installation and maintenance of temporary wiring and the installation and maintenance of all electrical lighting, heat and power equipment.

Routine Maintenance and Repair; including replacing existing electrical, electronic systems, equipment, appliances, lighting fixtures and lamps. No new additions to existing facilities or improvement of previously unimproved space shall be covered. The Routine Maintenance and Repair shall not be applicable in any plant or facility, which has a maintenance agreement with the IBEW.

Journeyman Maintenance Electrician; May perform all Routine Maintenance and Repair.

CABLE SPLICING. All work of joining, splicing and insulating and the placing of the flameproof 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 when the difference in potentials 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 (400) volts.

When using stress cones and shields with all synthetic cables regardless of voltage when shielded, the splicing and connecting thereto will be done at the Cable Splicers' rate set forth in this Agreement. The Employer will determine the necessity for a Cable Splicer helper when needed. This is in addition to the foregoing paragraph and should not alter it in any way.

When two (2) or more Cable Splicers are working under the conditions of the above paragraph, one shall be designated as Foreman. The Cable Splicer Foreman may work until a total of four (4) Splicers including the Foreman are employed.

PRE-FAB. When pipe cutting and threading machines are used under the terms of this Agreement on the job or in the shop, the cutting and threading of all conduit and the pre-fab of all materials to be installed other than catalogued-manufactured component parts shall be performed by workmen employed under the terms of this Agreement.

HANDLING MATERIAL. The handling and moving of all electrical material, equipment and apparatus shall be performed by workmen employed under the terms of this Agreement

POWER EQUIPMENT. Workmen covered under the terms of this Agreement shall operate any and all power equipment necessary to install the electrical work only.

Installation, erection, maintenance and repair work, including the moving, lifting, and placing of electrical motors, generators, material, equipment on the job site or in the shop shall be done by workmen covered under the terms of this Agreement. This shall be understood that any and all power equipment necessary to move, handle and install said electrical equipment shall be operated by workmen who are covered under the terms of this Agreement.

WELDING. Welding on electrical work shall be done by workmen who are covered under the terms of this Agreement and they shall receive Journeyman wages. Said welders to be certified if available.

SOUND WORK. Sound work, public address work, background work, animation work, radio and TV installation regardless of voltage or wattage, to come under the scope of this Agreement at the Journeyman Wireman rate of pay while on building and construction trade jobs. This shall also include the installation, maintenance and repair of electronic, x-ray, atomic and high frequency equipment.

[REDACTED]

INTELLIGENT TRANSPORTATION SYSTEMS, TRAFFIC SIGNALS, STREET LIGHTING AND UNDERGROUND SYSTEMS IN STREETS and/or ESTABLISHED EASEMENTS. The scope of work covered by this agreement shall be as is more fully described below. It is intended to cover electrical work on public streets, freeways, toll-ways, etc., above or below ground. All work necessary for the installation, maintenance, renovation, repair or removal of: Intelligent Transportation Systems, Video Surveillance Systems (CCTV), Street Lighting and Traffic Signal work or systems; whether overhead, underground or on bridges. This work also includes dusk to dawn lighting installations and ramps for access to or egress from freeways, toll-ways, etc.

Intelligent Transportation Systems shall include all systems and components to control, monitor and communicate with pedestrian or vehicular traffic; included, but not limited to: installation, modification, removal of all Fiber Optic Video Systems, Fiber Optic Data Systems, Direct Interconnect and Communications Systems, Microwave Data and Video Systems, Microwave Detection Systems, Infrared and Sonic Detection Systems, Solar Power Systems, Highway Advisory Radio Systems, Highway Weight and Motion Systems, Loop Sensors and related work, etc. Any and all work required to install and maintain any specialized or newly developed systems.

All cutting, fitting and "bandaging" of ducts, raceways and conduits. The cleaning, rodding and installation of "fish and pull wires."

The excavating, setting, leveling and grouting of precast manholes, vaults and pull boxes; including ground rods or grounding systems, rock necessary for leveling and drainage, as well as pouring of a concrete envelope, if needed.

The handling of all material from the first point of delivery on the jobsite to the final installation.

All the foregoing areas of work jurisdiction when such work is to be performed in underground systems in a single ditch in established easements. It is not intended nor shall it include electrical work performed beyond the property line or public streets unless performed on established easements or right of ways.

Journeyman Transportation Electrician shall be certified by the State of California as a general electrician and will perform tasks necessary to install the complete transportation system. Installation of system conduits and raceways for electrical, telephone, cable television, and communications systems. Pulling, terminating and splicing of traffic signal and street lighting conductors and electrical systems including interconnect, detector loops, fiber optic cable, video/data and installation of photovoltaic systems.

Transportation Apprentice shall perform the above tasks under the supervision of a state certified Journeyman Electrician, and shall be indentured to the Orange County Electrical JATC Transportation Program. Except as specifically indicated in this Article, all provisions of Article XII, APPRENTICES, shall apply, including the assignment of Apprentices.

Transportation Technician shall work under the supervision of a state certified electrician. Duties shall consist of: distribution of material at job site, the pulling of interconnect, detector loops, fiber optic cable and CCTV cable. Transportation Technician can also be used for [REDACTED] manual excavation and backfill of all trenching and excavation.