



## SCOPE OF WORK PROVISIONS

FOR

### **ELECTRICIAN:**

INSIDE WIREMAN, RADIO MONITOR TECHNICIAN

CABLE SPLICER-WELDER

TUNNEL WIREMAN

TUNNEL CABLE SPLICER

IN

LOS ANGELES COUNTY

## DEPARTMENT OF INDUSTRIAL RELATIONS

Office of the Director – Research Unit  
455 Golden Gate Avenue, 9<sup>th</sup> Floor  
San Francisco, CA 94102

MAILING ADDRESS:  
P. O. Box 420603  
San Francisco, CA 94142-0603



September 23, 2016

**SUMMARY OF IMPORTANT NOTICES CONCERNING BURGLAR ALARM AND FIRE  
ALARM INSTALLATION**

Dear Public Officials/Other Interested Parties:

The Department has issued several important notices between June 27, 2002, and October 27, 2015, specifying the prevailing rate of pay for the installation of burglar and fire alarms. The tables on the following two pages provide a summary of the applicable rates of pay for burglar and fire alarm installation by county as of September 23, 2016. The information in these tables summarizes but **does not** alter the applicable rates of pay issued in the aforementioned important notices.

Please note that minimum rate of pay determinations are issued on a “project-by-project basis.” If you have a public works project in one of the counties listed in the tables that indicates “project-by-project basis,” you may request a minimum rate of pay determination prior to the bid advertisement date of the project by sending a written request to the address below. Each request should include all the relevant documents that would assist the Department in issuing a determination. These documents include but are not limited to the contract, financial documents, plans, specifications, as well as contact information for the Awarding Body.

Please refer to the county determinations to find the rates associated with the craft(s)/classification(s) referenced in the tables. The scope of work for each classification is posted on the Internet at <http://www.dir.ca.gov/oprl/DPreWageDetermination.htm>. This information may also be requested from the Office of the Director – Research Unit by calling (415) 703-4774, by faxing a request to (415) 703-4771 or by writing to:

California Department of Industrial Relations  
Office of the Director – Research Unit  
P.O. Box 420603  
San Francisco, CA 94142

## Table 1: Burglar Alarm Installation

COUNTY	CRAFT/CLASSIFICATION
Alameda	Project-by-Project Basis
Alpine	Electrician: Inside Wireman
Amador	Electrician: Inside Wireman
Butte	Electrician: Inside Wireman
Calaveras	Project-by-Project Basis
Colusa	Electrician: Inside Wireman
Contra Costa	Electrician: Comm & System Installer
Del Norte	Electrician: Comm & System Installer
El Dorado	Electrician: Inside Wireman
Fresno	Electrician: Comm & System Installer
Glenn	Electrician: Inside Wireman
Humboldt	Electrician: Comm & System Installer
Imperial	Electrician: Sound and Signal Technician
Inyo	Electrician: Comm & System Installer
Kern	Project-by-Project Basis
Kings	Electrician: Comm & System Installer
Lake	Electrician: Comm & System Installer
Lassen	Electrician: Inside Wireman
Los Angeles	Electrician: Comm & System Installer
Madera	Electrician: Comm & System Installer
Marin	Electrician: Comm & System Installer
Mariposa	Electrician: Inside Wireman
Mendocino	Electrician: Comm & System Installer
Merced	Electrician: Inside Wireman
Modoc	Project-by-Project Basis
Mono	Electrician: Comm & System Installer
Monterey	Electrician: Comm & System Installer <sup>a</sup>
Napa	Project-by-Project Basis
Nevada	Electrician: Inside Wireman
Orange	Electrician: Sound Installer
Placer	Electrician: Inside Wireman
Plumas	Electrician: Inside Wireman
Riverside	Project-by-Project Basis
Sacramento	Electrician: Inside Wireman
San Benito	Electrician: Comm & System Installer <sup>a</sup>
San Bernardino	Electrician: Comm & System Installer
San Diego	Electrician: Sound and Signal Technician
San Francisco	Electrician: Comm & System Installer
San Joaquin	Project-by-Project Basis
San Luis Obispo	Electrician: Inside Wireman
San Mateo	Project-by-Project Basis
Santa Barbara	Electrician: Sound Installer
Santa Clara	Electrician: Comm & System Installer
Santa Cruz	Electrician: Comm & System Installer <sup>a</sup>
Shasta	Electrician: Inside Wireman
Sierra	Electrician: Inside Wireman
Siskiyou	Project-by-Project Basis
Solano	Project-by-Project Basis
Sonoma	Electrician: Comm & System Installer
Stanislaus	Electrician: Inside Wireman
Sutter	Electrician: Inside Wireman
Tehama	Electrician: Inside Wireman
Trinity	Electrician: Inside Wireman
Tulare	Electrician: Comm & System Installer
Tuolumne	Electrician: Inside Wireman
Ventura	Electrician: Comm & System Installer
Yolo	Electrician: Inside Wireman
Yuba	Electrician: Inside Wireman

**Notes:** <sup>a</sup> Installation of conduit, boxes, cables, and devices is performed at the Inside Wireman rate, and the final connection and programming is performed at the Communication and System Installer rate.

**Last updated:** September 23, 2016

## Table 2: Fire Alarm Installation

COUNTY	CRAFT/CLASSIFICATION
Alameda	Project-by-Project Basis
Alpine	Electrician: Inside Wireman
Amador	Electrician: Inside Wireman
Butte	Electrician: Inside Wireman
Calaveras	Project-by-Project Basis
Colusa	Electrician: Inside Wireman
Contra Costa	Electrician: Comm & System Installer
Del Norte	Electrician: Inside Wireman
El Dorado	Electrician: Inside Wireman
Fresno	Electrician: Inside Wireman <sup>a</sup>
Glenn	Electrician: Inside Wireman
Humboldt	Electrician: Inside Wireman
Imperial	Electrician: Sound and Signal Technician
Inyo	Electrician: Comm & System Installer
Kern	Electrician: Inside Wireman
Kings	Electrician: Inside Wireman <sup>a</sup>
Lake	Electrician: Inside Wireman
Lassen	Electrician: Inside Wireman
Los Angeles	Electrician: Comm & System Installer
Madera	Electrician: Inside Wireman <sup>a</sup>
Marin	Electrician: Inside Wireman
Mariposa	Electrician: Inside Wireman
Mendocino	Electrician: Inside Wireman
Merced	Electrician: Inside Wireman
Modoc	Project-by-Project Basis
Mono	Electrician: Comm & System Installer
Monterey	Electrician: Inside Wireman <sup>b</sup>
Napa	Project-by-Project Basis
Nevada	Electrician: Inside Wireman
Orange	Electrician: Sound Installer
Placer	Electrician: Inside Wireman
Plumas	Electrician: Inside Wireman
Riverside	Electrician: Comm & System Installer
Sacramento	Electrician: Inside Wireman
San Benito	Electrician: Inside Wireman <sup>b</sup>
San Bernardino	Electrician: Comm & System Installer
San Diego	Electrician: Sound and Signal Technician
San Francisco	Electrician: Inside Wireman
San Joaquin	Project-by-Project Basis
San Luis Obispo	Electrician: Inside Wireman
San Mateo	Project-by-Project Basis
Santa Barbara	Electrician: Inside Wireman
Santa Clara	Electrician: Comm & System Installer
Santa Cruz	Electrician: Inside Wireman <sup>b</sup>
Shasta	Electrician: Inside Wireman
Sierra	Electrician: Inside Wireman
Siskiyou	Project-by-Project Basis
Solano	Project-by-Project Basis
Sonoma	Electrician: Inside Wireman
Stanislaus	Electrician: Inside Wireman
Sutter	Electrician: Inside Wireman
Tehama	Electrician: Inside Wireman
Trinity	Electrician: Inside Wireman
Tulare	Electrician: Inside Wireman <sup>a</sup>
Tuolumne	Electrician: Inside Wireman
Ventura	Electrician: Inside Wireman
Yolo	Electrician: Inside Wireman
Yuba	Electrician: Inside Wireman

**Notes:**

<sup>a</sup> Conduit installation is performed at the Inside Wireman rate, and the termination, setting of devices, wiring of control panel and system performance checks are performed at the Comm & System Installer rate.

<sup>b</sup> Installation of conduit, boxes, cables, and devices is performed at the Inside Wireman rate, and the final connection and programming is performed at the Comm and System Installer rate.

**Last updated:** September 23, 2016

**INSIDE WIREMEN'S AGREEMENT**

**BETWEEN**

**LOCAL UNION 11  
INTERNATIONAL BROTHERHOOD OF  
ELECTRICAL WORKERS**

**AND**

**LOS ANGELES COUNTY CHAPTER  
NATIONAL ELECTRICAL CONTRACTORS  
ASSOCIATION**

**2014 – 2019**

## **SCOPE OF WORK**

Workmen employed under the term of this Agreement shall do all electrical construction, and installation or erection work, including the final running tests of any electrical system in its entirety.

Performs all electrical work on de-energized and energized electrical conductors, as a Qualified Electrical Worker.

In connection to an electrical system in its entirety. Placement, installation, erection or connection of any electrical wires, fixtures, lighting, appliances, instrumentation apparatus, raceway systems, conduit systems, pipe systems, underground systems, photovoltaic systems, solar systems,

railroad, signalman, maintainer, and railroad communication,

communication systems, TV, communication transmission, notification, warning systems, fire alarm systems, security systems and appurtenances thereto. Any part thereof, which generates, transmits, transforms, or utilizes electrical energy or control in any form or for any purpose.

This shall include the installation of all electrical lighting, heating and power equipment, fiber optics, and the installation and connecting of all electronic equipment, including computing machines and devices. This shall also include monitoring of radiation hazards where such monitoring work is not preempted or performed by the U.S. Atomic Energy Commission, their agents, successors, or assignees. This shall also include the installation of all temporary power and light wiring (providing, however, other tradesmen may be permitted to attach or disconnect safe, properly grounded

portable cords of not more than one hundred feet in length from a plug-in box for the use of not more than two (2) lamps, temporary power or power devices to the source of temporary wiring) provided for under this Agreement.

Performs high voltage cable splicing and terminations, breaker testing, commission and decommission of electrical control systems.

Cleans, services, repairs, operates and adjusts high and low voltage switchgear, transformers, conductors, connectors, fuses, and buses. Performs operations, maintenance and repair of wharf-side high voltage electrical power connections, circuit protection devices and associated switchgear, ship based electrical power connections, barge mounted high voltage electrical equipment, and other related systems to facilitate the Alternative Maritime Power (AMP) ship to shore electrical power and other high voltage, marine terminal electrical power distribution and control systems.

Installs boxes, components, fittings, fasteners, grounding, ground rods, ground clamps, building automated systems, and lighting controls. Performs cadwelding.

### **Instrumentation**

**Section 3.31.** All work including, but not limited to, mounting, hook-up, loop check, and calibration of all instruments shall be performed by a qualified journeyman at the appropriate rate of pay.

### **Cable Splicing**

**Section 3.32.** All work 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 may 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 300 volts between any two 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 440 volts.

All work of joining, splicing and insulating and the placing of flame-proof covering on shielded synthetic cables operating at over 600 volts, and the installation of pot heads, oil switches and oil fuse cutouts shall be done by a cable splicer at the cable-splicer's rate of pay.

### **Handling Material**

**Section 3.33.** The handling and moving of all electrical material, equipment and apparatus on the job shall be performed by workmen employed under the terms of this Agreement.



The occasional handling or transporting of light tools or light items of material shall not be construed as working with the tools.

### **Catalogue Item**

**Section 3.34.** The cutting, threading, and bending of all conduit shall be performed by workmen employed under the terms of this Agreement, excluding STANDARD CATALOGUE ITEMS. Where pipe cutting and threading machines are used on the job, these shall be operated by a journeyman, or under his/her immediate supervision.