



## SCOPE OF WORK PROVISIONS

FOR

**ELECTRICIAN:**  
INSIDE WIREMAN  
CABLE SPLICER  
TUNNEL WIREMAN

IN

INYO, MONO, AND SAN BERNARDINO COUNTIES

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



February 22, 2020

## 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 September 23, 2016, 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 February 22, 2020. 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: Sound Installer
Kern	Project-by-Project Basis
Kings	Electrician: Comm & System Installer
Lake	Electrician: Comm & System Installer
Lassen	Electrician: Inside Wireman
Los Angeles	Electrician: Sound 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: Sound 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: Sound 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: Sound 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:** February 22, 2020

## 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: Sound Installer
Kern	Electrician: Inside Wireman
Kings	Electrician: Inside Wireman <sup>a</sup>
Lake	Electrician: Inside Wireman
Lassen	Electrician: Inside Wireman
Los Angeles	Electrician: Sound 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: Sound 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: Sound Installer
Sacramento	Electrician: Inside Wireman
San Benito	Electrician: Inside Wireman <sup>b</sup>
San Bernardino	Electrician: Sound 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:** February 22, 2020

## **CABLE SPLICING**

### **Lead Cable**

**Sec. 2.37.** All work of joining, splicing and insulating, and the placing of 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 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 carting in excess of 400 volts.

### **Synthetic Cable**

This shall be interpreted to include synthetic cable of such installation or application characteristic, the splicing or joining of which reasonably requires skill and experience not possessed by the average Journeyman Wireman. The necessity for an assistant to the cable splicer shall be determined by the Employer.

The necessity for Journeymen assisting cable splicers on communications cable shall be at the discretion of the Employer.

#### **Scope of Work**

**Sec. 2.44.** Workmen employed on any electrical or electronic construction job under the terms of this Agreement shall do all electrical construction, and all installation of electrical and electronic work, and all electrical maintenance thereon. This shall include:

(a) The setting, processing, welding, cutting, burning, brazing, handling and moving of all electrical materials, electrical equipment, x-ray equipment, and electrical apparatus, and the making of the final running tests. This shall also include the installation of all electrical \lighting, heating and power equipment, power and control of air conditioning, building automation systems and controls, computer floor cable and connections, under carpet raceway and electrified furniture partitions and the installation and maintenance of all temporary power, light wiring, lighting retrofit and lighting/fixture maintenance.

It shall furthermore include radiation monitoring, the installation of all public address equipment, telephone equipment, electronic equipment, telemetering equipment, electronic systems, electronic devices, photovoltaic, heat tracing, programmable controllers, UPS and clean power, conveyors, and robotics including floor antenna wiring, electrified crane and trolleys, lightning arrestors all related electronic control wiring circuits and devices, and all other electrical instrumentation equipment, including installation of all related wiring fixtures, instruments and devices.

(b) The cutting and threading of all conduit, buss duct, gutters, cable tray and supports, all raceways including underground conduits, duct banks and all supports (PVC, rigid, or any other electrical raceway) and the assembly of all materials to be installed, shall be performed by workmen employed under the terms of this Agreement.

(c) Workmen working under the terms of this Agreement shall operate any and all power equipment necessary to the installation of all electrical material and equipment.

(d) All electrical installation including wiring and controls regardless of voltage, shall be installed by electrical workers employed under the terms of this Agreement.

(e) The handling, moving, distributing and placing, fabrication and installation of all electrical materials and equipment, (which includes all materials used which are necessary to the temporary or permanent installation of all electrical material, equipment and apparatus, including templates) shall be done by workmen working under the terms of this Agreement.

(f) This section shall not be construed to mean that a contractor will be restricted from buying and using a manufacturer's normally cataloged material item.

(g) Paralleling, multiplexing, triplexing and quadruplexing of cable by the cable manufacturer shall not be prohibited.

(h) Cable may be delivered to the job in any length providing the original multiplexing was done by the manufacturer.

(i) Sound Work, Communications Work, Television Animation Work in excess of 50 watts regardless of voltage, to come under the scope of this Agreement at the journeyman rate of pay. This shall include the installation of electronic and high frequency equipment.

#### **Final Running Tests**

**Sec. 2.45.** 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, heating and power equipment.

All checking, testing, and monitoring of circuits, instruments, all electrical equipment, motors, circuit breakers, generators, x-ray equipment and all other electrical equipment regardless of voltages, primary or secondary, including the final start up and running tests, and operating tests shall be done by workmen employed under the terms of this Agreement.

## **ARTICLE XIV**

### **TUNNEL PROJECT MODIFICATION**

This article provides for modification of specific conditions for tunnel construction. Modifications covered in this Article are as follows:

Section 14.01:	Hourly Wage Rates
Section 14.02:	Shift Work
Section 14.03:	Meal Periods
Section 14.04:	Travel Compensation Within Tunnels
Section 14.05:	Hazard Pay
Section 14.06:	Working Conditions

**Scope of Work**

Workmen employed under this Article shall perform all electrical construction, installation, maintenance and repair work in tunnels, shafts, adits or stopes, including installation of all temporary power and light wiring.