

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



## SCOPE OF WORK PROVISIONS

FOR

**ELECTRICIAN:**  
INSIDE WIREMAN, TECHNICIAN  
CABLE SPLICER

IN

SANTA CLARA COUNTY

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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

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**INSIDE AGREEMENT  
LOCAL 332**

**RECEIVED**  
7/18/12  
ad-neerach

1  
2  
3  
4  
5  
6

Agreement by and between the National Electrical Contractors Association  
(NECA) - Santa Clara Valley Chapter and Local Union No. 332, IBEW.

**SCOPE OF WORK**

34  
35 **Section 3.18** (a) Workers employed under the terms and conditions  
36 of this Agreement shall do all electrical work that is not covered by the 9<sup>th</sup>  
37 District Sound and Communications Agreement. The following list is  
38 comprehensive but not all inclusive. Any related electrical equipment and/or  
39 materials are to be installed and maintained by workers working under the  
40 terms and conditions of this Agreement:

- 1
- 2     ▪ Electric lighting, electric heating, electric cooling and electric power
- 3       systems;
- 4
- 5     ▪ Temporary lighting and power systems;
- 6
- 7     ▪ Construction, installation, pre-weld heating, welding, brazing,
- 8       burning, cutting, fitting, bending, drilling, shaping, and erection of all
- 9       copper, channel iron, angle iron, I-beams, brackets, supports, or
- 10       fittings that are fabricated or pre-fabricated **which are specific parts**
- 11       **of the installation of the electrical work or equipment on the**
- 12       **jobsite** and the maintenance thereon, this in no way includes shared
- 13       brackets, hanger systems or support racks;
- 14
- 15     ▪ Electrical equipment, such as motor control centers, transformers,
- 16       power supplies and storage cells that are to be wired and installed on a
- 17       jobsite;
- 18
- 19     ▪ Meggering and hi-potting of all control devices, overloads; control
- 20       wiring and the phase rotation tests;
- 21
- 22     ▪ Electrical work related to the connecting of fixtures, motors, and
- 23       controllers;
- 24
- 25     ▪ Computer power floor cables (\* see below) and connections, under
- 26       carpet raceways, connections to electrified furniture partitions,
- 27       electrical devices and trim;
- 28
- 29     ▪ Electrical/electronic instrumentation (\*\* see below) (not pneumatic),
- 30       electrical connections to conveyor systems, robotics and
- 31       programmable controllers;
- 32
- 33     ▪ Electrical connections of electrified cranes and trolleys;
- 34
- 35     ▪ Sound and fire pads, fire caulking resultant to the electrical
- 36       installation;
- 37
- 38     ▪ Life safety and emergency systems;
- 39
- 40     ▪ UPS and clean power systems, medium voltage distribution systems,
- 41       electrical bus ducts, electrical gutters, electrical cable tray and
- 42       electrical grounding systems;
- 43

- 1     ▪ Solar photovoltaic systems and sinology principles are to be included  
2       (such as all solar panels, related conduit and wiring and the related  
3       electronic devices associated with a photovoltaic installation);  
4
- 5     ▪ On-site underground power distribution systems (including PVC  
6       and/or rigid conduit) and all supports, fiber optic system raceways,  
7       including the setting of underground pull boxes and vaults;  
8
- 9     ▪ Conduit and related work for street lighting, traffic signals and other  
10       related electrical equipment;  
11
- 12    ▪ Related items above and below grade including electrical and  
13       communications duct banks;  
14
- 15    ▪ Electrical work related to trade shows (rigging, lighting, temporary  
16       wiring, etc.);  
17
- 18    ▪ The operation of motorized equipment (gas or electric) related to the  
19       installation of electrical work (fork lifts, GLG's, man lifts, ditch  
20       witches, etc.);  
21
- 22    ▪ It will not be a breach of this Agreement to use prefabricated  
23       catalogue items which are available to the Employers in the electrical  
24       industry;  
25
- 26    ▪ Prefabrication, when performed by the Employer, shall be done by  
27       workers working under the terms and conditions of this Agreement;  
28
- 29    ▪ Items listed or inferred in the above list shall, when delivered to a  
30       shop or jobsite, be off-loaded, received and transported thereafter by  
31       members of the IBEW;  
32
- 33       (\*) unless designated otherwise by the Customer  
34
- 35       (\*\*) may not include commissioning, calibration,  
36           programming or "parts & smarts"  
37

38    The Employers and the Union agree to mutual cooperation to ensure the  
39    "Scope of Work" provisions work to the benefit of the Electrical Industry.  
40

41                   (b) No electrical equipment installed under this section  
42    shall be energized while in a definite hazardous condition after normal  
43    working hours unless under the supervision of a qualified electrician.



**CABLE SPLICING**

(c) Cable splicing: All work of joining, splicing, and insulating, where wiped lead joints are necessary, shall be performed by cable splicers. Journeyman wiremen shall be used in assisting cable splicers in all manhole work and where wiped lead joints are necessary, and may place flame proof covering.

The splicing or joining of synthetic cable of such insulation or application characteristic, which requires skill and experience not possessed by the average Journeyman Wireman, shall carry the cable splicer rate. The necessity for an assistant to the cable splicer shall be determined by the job.

(d) 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 a Journeyman Wireman. In no case shall cable splicers be required to work on energized cables carrying in excess of four hundred and forty (440) volts.

(e) If not supplied by the Employer, the cable splicer shall receive four dollars (\$4.00) per day tool allowance, and be reimbursed for the amount of gas used.