

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  
(ALL SHIFTS)

IN

SANTA CLARA COUNTY

DEPARTMENT OF INDUSTRIAL RELATIONS  
Office of the Director – Research Unit  
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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

**INSIDE AGREEMENT  
LOCAL 332**

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.

RECEIVED  
Department of Industrial Relations  
DEC 19 2018  
Office of the Director-Research

36

37

**SCOPE OF WORK**

38 **Section 3.18** (a) Workers employed under the terms and conditions  
39 of this Agreement shall do all electrical work that is not covered by the 9<sup>th</sup>  
40 District Sound and Communications Agreement. The following list is

1 comprehensive but not all inclusive. Any related electrical equipment and/or  
2 materials are to be installed and maintained by workers working under the  
3 terms and conditions of this Agreement:

- 4
- 5     ▪ Electric lighting, electric heating, electric cooling and electric power  
6       systems;
- 7
- 8     ▪ Temporary lighting and power systems;
- 9
- 10    ▪ Construction, installation, pre-weld heating, welding, brazing, burning,  
11      cutting, fitting, bending, drilling, shaping, and erection of all copper,  
12      channel iron, angle iron, I-beams, brackets, supports, or fittings that are  
13      fabricated or pre-fabricated **which are specific parts of the**  
14      **installation of the electrical work or equipment on the jobsite** and  
15      the maintenance thereon, this in no way includes shared brackets,  
16      hanger systems or support racks;
- 17
- 18    ▪ Electrical equipment, such as motor control centers, transformers,  
19      power supplies and storage cells that are to be wired and installed on a  
20      jobsite;
- 21
- 22    ▪ Meggering and hi-potting of all control devices, overloads, control  
23      wiring and the phase rotation tests;
- 24
- 25    ▪ Electrical work related to the connecting of fixtures, motors, and  
26      controllers;
- 27
- 28    ▪ Computer power floor cables (\* see below) and connections, under  
29      carpet raceways, connections to electrified furniture partitions,  
30      electrical devices and trim;
- 31
- 32    ▪ Electrical/electronic instrumentation (\*\* see below) (not pneumatic),  
33      electrical connections to conveyor systems, robotics and programmable  
34      controllers;
- 35
- 36    ▪ Electrical connections of electrified cranes and trolleys;
- 37
- 38    ▪ Sound and fire pads, fire caulking resultant to the electrical installation;
- 39
- 40    ▪ Life safety and emergency systems;
- 41
- 42    ▪ UPS and clean power systems, medium voltage distribution systems,  
43      electrical bus ducts, electrical gutters, electrical cable tray and electrical  
44      grounding systems;
- 45

- 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 and/or  
6       rigid conduit) and all supports, fiber optic system raceways, including  
7       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, JLG's, man lifts, ditch witches,  
20       etc.);  
21
- 22       ▪ It will not be a breach of this Agreement to use prefabricated catalogue  
23       items which are available to the Employers in the electrical industry;  
24
- 25       ▪ Prefabrication, when performed by the Employer, shall be done by  
26       workers working under the terms and conditions of this Agreement;  
27
- 28       ▪ Items listed or inferred in the above list shall, when delivered to a shop  
29       or jobsite, be off-loaded, received and transported thereafter by  
30       members of the IBEW;

31  
32       (\*) unless designated otherwise by the Customer

33  
34       (\*\*) may not include commissioning, calibration,  
35       programming or "parts & smarts"  
36

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

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



**CABLE SPLICING**

1  
2 (c) Cable splicing: All work of joining, splicing, and  
3 insulating, where wiped lead joints are necessary, shall be performed by cable  
4 splicers. Journeyman wiremen shall be used in assisting cable splicers in all  
5 manhole work and where wiped lead joints are necessary, and may place  
6 flame proof covering.  
7

8 The splicing or joining of synthetic cable of such insulation or application  
9 characteristic, which requires skill and experience not possessed by the  
10 average Journeyman Wireman, shall carry the cable splicer rate. The necessity  
11 for an assistant to the cable splicer shall be determined by the job.  
12

13 (d) Cable splicers shall not be required to work on wires  
14 or cables when the difference in potentials is over three hundred (300) volts  
15 between any two (2) conductors or between any conductor and ground, unless  
16 assisted by a Journeyman Wireman. In no case shall cable splicers be required  
17 to work on energized cables carrying in excess of four hundred and forty (440)  
18 volts.  
19

20 (e) If not supplied by the Employer, the cable splicer  
21 shall receive four dollars (\$4.00) per day tool allowance, and be reimbursed  
22 for the amount of gas used.  
23