

## 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



**IMPORTANT NOTICE TO AWARDING BODIES & ALL INTERESTED PARTIES  
REGARDING CHANGES TO THE DIRECTOR'S GENERAL PREVAILING WAGE DETERMINATIONS**

**INTERIM DETERMINATION FOR THE CRAFT/CLASSIFICATIONS OF #ELECTRICIAN: INSIDE WIREMAN, TECHNICIAN, CABLE SPLICER, TRANSPORTATION SYSTEMS ELECTRICIAN, TRANSPORTATION SYSTEMS ELECTRICIAN (CABLE SPLICING, WELDING AND FIBER OPTIC SPLICING) AND TRANSPORTATION SYSTEMS TECHNICIAN**

**Issue Date:** September 4, 2019

**Expiration date of Determination:** February 23, 2020\*\* The rate to be paid for work performed after this date has been determined. If work will extend past this date, the new rate must be paid and should be incorporated in contracts entered into now. Contact the Office of the Director- Research Unit for specific rates at (415) 703-4774.

**Locality:** All localities within Orange County

**This determination applies to projects advertised for bids on or after September 14, 2019.** These rates supersede the Electrician rates issued in General Prevailing Wage Determination ORA-2019-2.

CLASSIFICATION (Journey person)	Employer Payments						Straight-time		Overtime Hourly Rate		
	Basic Hourly Rate	Health and Welfare	Pension <sup>a</sup>	Vacation/ Holiday <sup>b</sup>	Training	Other Payments	Hours	Total Hourly Rate	Daily <sup>c</sup> 1 ½X	Saturday/ Sunday <sup>c</sup> 1 ½X	Holiday 2X
Inside Wireman, Technician	\$44.67	9.01	10.73	-	0.45	0.27	8	\$66.47	\$89.48	\$89.48	\$112.48
Inside Wireman, Technician Second Shift	\$52.40	9.01	10.73	-	0.45	0.27	8	\$74.43	\$101.42	\$89.48 <sup>d</sup>	\$112.48 <sup>d</sup>
Inside Wireman, Technician Third Shift	\$58.70	9.01	10.73	-	0.45	0.27	8	\$80.92	\$111.15	\$89.48 <sup>d</sup>	\$112.48 <sup>d</sup>
Cable Splicer	\$46.72	9.01	10.73	-	0.45	0.27	8	\$68.58	\$92.64	\$92.64	\$116.70
Cable Splicer Second Shift	\$54.81	9.01	10.73	-	0.45	0.27	8	\$76.91	\$105.14	\$92.64 <sup>d</sup>	\$116.70 <sup>d</sup>
Cable Splicer Third Shift	\$61.40	9.01	10.73	-	0.45	0.27	8	\$83.70	\$115.32	\$92.64 <sup>d</sup>	\$116.70 <sup>d</sup>
Transportation Systems Electrician	\$44.67	9.01	10.73	-	0.45	0.27	8	\$66.47	\$89.48	\$89.48	\$112.48
Transportation Systems Electrician (Second Shift)	\$52.40	9.01	10.73	-	0.45	0.27	8	\$74.43	\$101.42	\$89.48 <sup>d</sup>	\$112.48 <sup>d</sup>
Transportation Systems Electrician (Third Shift)	\$58.70	9.01	10.73	-	0.45	0.27	8	\$80.92	\$111.15	\$89.48 <sup>d</sup>	\$112.48 <sup>d</sup>
Transportation Systems Electrician (Cable Splicing, Welding or Fiber Optic Splicing)	\$45.27	9.01	10.73	-	0.45	0.27	8	\$67.09	\$90.40	\$90.40	\$113.72
Transportation Systems Electrician (Cable Splicing, Welding or Fiber Optic Splicing) (Second Shift)	\$53.10	9.01	10.73	-	0.45	0.27	8	\$75.15	\$102.50	\$90.40 <sup>d</sup>	\$113.72 <sup>d</sup>
Transportation Systems Electrician (Cable Splicing, Welding or Fiber Optic Splicing) (Third Shift)	\$59.48	9.01	10.73	-	0.45	0.27	8	\$81.72	\$112.36	\$90.40 <sup>d</sup>	\$113.72 <sup>d</sup>

continued...

CLASSIFICATION (Journey person)	Employer Payments						Straight-time		Overtime Hourly Rate		
	Basic Hourly Rate	Health and Welfare	Pension <sup>a</sup>	Vacation/ Holiday <sup>b</sup>	Training	Other Payments	Hours	Total Hourly Rate	Daily <sup>c</sup> 1 ½X	Saturday/ Sunday <sup>c</sup> 1 ½X	Holiday 2X
Transportation Systems Technician	\$33.50	9.01	10.73	-	0.45	0.27	8	\$54.97	\$72.22	\$72.22	\$89.47
Transportation Systems Technician (Second Shift)	\$39.30	9.01	10.73	-	0.45	0.27	8	\$60.94	\$81.18	\$72.22 <sup>d</sup>	\$89.47 <sup>d</sup>
Transportation Systems Technician (Third Shift)	\$44.02	9.01	10.73	-	0.45	0.27	8	\$65.80	\$88.47	\$72.22 <sup>d</sup>	\$89.47 <sup>d</sup>
Maintenance Electrician	\$25.26	9.01	10.73	-	0.45	0.27	8	\$46.48	\$59.49	\$59.49	\$72.50
Maintenance Electrician Second Shift	\$29.63	9.01	10.73	-	0.45	0.27	8	\$50.98	\$66.24	\$59.49 <sup>d</sup>	\$72.50 <sup>d</sup>
Maintenance Electrician Third Shift	\$33.19	9.01	10.73	-	0.45	0.27	8	\$54.65	\$71.74	\$59.49 <sup>d</sup>	\$72.50 <sup>d</sup>

#Indicates an apprenticeable craft. The current apprentice wage rates are available on the Internet @ <http://www.dir.ca.gov/OPRL/PWAppWage/PWAppWageStart.asp>. To obtain any apprentice wage rates as of July 1, 2008 and prior to September 27, 2012, please contact the Division of Apprenticeship Standards or refer to the Division of Apprenticeship Standards' website at <http://www.dir.ca.gov/das/das.html>

<sup>a</sup> In addition, an amount equal to 3% of the basic hourly rate is added to the total hourly rate and overtime hourly rates for the National Employees Benefit Board.

<sup>b</sup> Included in straight-time hourly rate.

<sup>c</sup> Rate applies to the first 4 daily overtime hours and the first 8 hours worked on Saturday. All other time is paid at the Sunday and holiday overtime rate.

<sup>d</sup> Saturday, Sunday and Holiday hours worked are paid at the non-shift differential rates.

**\*\* Predetermined Increases**

Inside Wireman, Technician (All Shifts), Cable Splicer (All Shifts), Transportation System Electrician (All Shifts), Transportation System Electrician (Cable Splicing, Welding or Fiber Optic Splicing) (All Shifts)-

Effective February 24, 2020, there will be an increase of \$1.75 to be allocated to wages and/or fringes.

Effective August 31, 2020, there will be an increase of \$1.75 to be allocated to wages and/or fringes.

Effective March 1, 2021, there will be an increase of \$2.00 to be allocated to wages and/or fringes.

Transportation System Technician (All Shifts) –

Effective February 24, 2020, there will be an increase of \$1.31 to be allocated to wages and/or fringes.

Effective August 31, 2020, there will be an increase of \$1.31 to be allocated to wages and/or fringes.

Effective March 1, 2021, there will be an increase of \$1.50 to be allocated to wages and/or fringes.

Maintenance Electrician - No Predetermined Increases

There are no further increases applicable to this determination.

**RECOGNIZED HOLIDAYS:** Holidays upon which the general prevailing hourly wage rate for Holiday work shall be paid, shall be all holidays in the collective bargaining agreement, applicable to the particular craft, classification, or type of worker employed on the project, which is on file with the Director of Industrial Relations. If the prevailing rate is not based on a collectively bargained rate, the holidays upon which the prevailing rate shall be paid shall be as provided in Section 6700 of the Government Code. You may obtain the holiday provisions for the current determinations on the Internet at <http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>. Holiday provisions for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

**TRAVEL AND/OR SUBSISTENCE PAYMENT:** In accordance with Labor Code Sections 1773.1 and 1773.9, contractors shall make travel and/or subsistence payments to each worker to execute the work. You may obtain the travel and/or subsistence provisions for the current determinations on the Internet at <http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>. Travel and/or subsistence requirements for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

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## **HOLIDAY PROVISION**

**FOR**

**ELECTRICIAN:**  
INSIDE WIREMAN, TECHNICIAN,  
CABLE SPLICER,  
MAINTENANCE ELECTRICIAN,  
TRANSPORTATION SYSTEMS ELECTRICIAN, TRANSPORTATION  
SYSTEMS ELECTRICIAN (CABLE SPLICING, WELDING & FIBER  
OPTIC SPLICING),  
TRANSPORTATION SYSTEMS TECHNICIAN

**IN**

**ORANGE COUNTY**

**September 1, 2019 – August 31, 2021**

**INSIDE WIREMAN'S  
AGREEMENT**

Between

**Orange County Chapter**

National Electrical Contractors Association, Inc.

and

**Local Union No. 441**

International Brotherhood of Electrical Workers

**RECEIVED**  
Department of Industrial Relations

**AUG 15 2019**

Office of the Director-Research

## **OVERTIME AND HOLIDAYS**

4. Holidays as follows: New Year's Day, Memorial Day, Fourth of July, Labor Day, Veteran's Day (November 11th), Thanksgiving Day, day after Thanksgiving, Christmas Day or days celebrated as such.

If any of these days fall on a Sunday, the following Monday shall be considered the Holiday. If Christmas Day or New Years Day falls on a Saturday, the Friday preceding will be considered the Holiday.

The regular workday before Christmas Day, the regular workday before New Years Day, and Martin Luther King Jr. Day will normally be non-scheduled workdays. If, however, it is necessary due to job scheduling to work on those days, the straight time rate of pay will be applicable.

**No work shall be performed on Labor Day except in case of emergency and then only after permission is granted by the Business Manager of the Union.**

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## SCOPE OF WORK PROVISION

FOR

**ELECTRICIAN:**  
INSIDE WIREMAN, TECHNICIAN,  
CABLE SPLICER,  
MAINTENANCE ELECTRICIAN,  
TRANSPORTATION SYSTEMS ELECTRICIAN, TRANSPORTATION  
SYSTEMS ELECTRICIAN (CABLE SPLICING, WELDING & FIBER  
OPTIC SPLICING),  
TRANSPORTATION SYSTEMS TECHNICIAN

IN

ORANGE COUNTY

DEPARTMENT OF INDUSTRIAL RELATIONS  
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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

**September 1, 2019 – August 31, 2021**

**INSIDE WIREMAN'S  
AGREEMENT**

Between

**Orange County Chapter**

National Electrical Contractors Association, Inc.

and

**Local Union No. 441**

International Brotherhood of Electrical Workers

**RECEIVED**  
Department of Industrial Relations

**AUG 15 2019**

Office of the Director-Research

## **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.

## **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

manual excavation and backfill of all trenching and excavation.

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**SHIFT PROVISIONS**

**FOR**

**ELECTRICIAN:**  
**INSIDE WIREMAN, TECHNICIAN,**  
**CABLE SPLICER,**  
**MAINTENANCE ELECTRICIAN,**  
**TRANSPORTATION SYSTEMS ELECTRICIAN,**  
**TRANSPORTATION SYSTEMS ELECTRICIAN (CABLE SPLICING,**  
**WELDING & FIBER OPTIC SPLICING),**  
**TRANSPORTATION SYSTEMS TECHNICIAN**

**IN**

**ORANGE COUNTY**

Note: The shift provisions provided in the following pages provide guidance on the work hours that are applicable to each shift. Shift differential pay is required and will be enforced during each applicable shift where shift differential pay is in the determinations. Any shift provision restricting the work hours for a particular shift for a type of work will not be enforced on public works. However, if work is performed during hours typically associated with a 2nd or 3rd shift the appropriate shift rate of pay is required. Shift differential pay shall not apply to work during traditional shift hour (swing or grave) if the determination includes a footnote that indicates that the non-shift rate may be paid for a special single shift. Please note the exemptions in California Code of Regulations Section 16200 (a)(3)(F) do not waive the shift differential pay. These regulatory exemptions only apply to overtime pay. Overtime shall be required in accordance with the determination and Labor Code Section 1810 through 1815.

**September 1, 2019 – August 31, 2021**

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Between

**Orange County Chapter**

National Electrical Contractors Association, Inc.

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Department of Industrial Relations

**AUG 15 2019**

Office of the Director-Research

## **SHIFT WORK**

**SECTION 6.5** When so elected by the contractor, multiple shifts of eight (8) hours for at least five (5) days' duration may be worked. When two (2) or three (3) shifts are worked:

The **first shift (day shift)** shall consist of eight (8) consecutive hours worked between the hours of 8:00 a.m. and 4:30 p.m. Workmen on the "day shift" shall be paid at the regular hourly rate of pay for all hours worked.

The **second shift (swing shift)** shall consist of eight (8) consecutive hours worked between the hours of 4:30 p.m. and 1:00 a.m. Workmen on the "swing shift" shall be paid at the regular hourly rate of pay plus 17.3% for all hours worked.

The **third shift (graveyard shift)** shall consist of eight (8) consecutive hours worked between the hours of 12:30 a.m. and 9:00 a.m. Workmen on the "graveyard shift" shall be paid at the regular hourly rate of pay plus 31.4% for all hours worked.

The Employer shall be permitted to adjust the starting hours of the shift by up to two (2) hours in order to meet the needs of the customer.



If the parties to the Agreement mutually agree, the shift week may commence with the third shift (graveyard shift) at 12:30 a.m. Monday to coordinate the work with the customer's work schedule. However, any such adjustment shall last for at least five (5) consecutive days duration unless mutually changed by the parties to this Agreement.

An unpaid lunch period of thirty (30) minutes shall be allowed on each shift. All overtime work required before the established start time and after the completion of eight (8) hours of any shift shall be paid at one and one-half times the "shift" hourly rate.

There shall be no pyramiding of overtime rates and double the straight time rate shall be the maximum compensation for any hour worked. There shall be no requirement for a day shift when either the second or third shift is worked.

**SECTION 6.6** When work extends from overtime to regular time, if eight (8) hours have been worked at overtime, the rate of pay shall be the overtime rate until a break of at least ten (10) hours is given.

**SECTION 6.7** The first shift may start between 5:00 a.m. and 9:00 a.m.

**SECTION 6.8** Shifts will consist of at least five consecutive days duration. Saturdays, Sunday and holidays, if worked within the shift schedule, (although paid according to Section 6.2) are considered to be within the five consecutive days duration.

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## TRAVEL AND SUBSISTENCE PROVISION

FOR

**ELECTRICIAN:**  
INSIDE WIREMAN, TECHNICIAN,  
CABLE SPLICER,  
MAINTENANCE ELECTRICIAN,  
TRANSPORTATION SYSTEMS ELECTRICIAN, TRANSPORTATION  
SYSTEMS ELECTRICIAN (CABLE SPLICING, WELDING & FIBER  
OPTIC SPLICING),  
TRANSPORTATION SYSTEMS TECHNICIAN

IN

ORANGE COUNTY

**September 1, 2019 – August 31, 2021**

**INSIDE WIREMAN'S  
AGREEMENT**

Between

**Orange County Chapter**

National Electrical Contractors Association, Inc.

and

**Local Union No. 441**

International Brotherhood of Electrical Workers

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#### **TRAVEL PAY**

**SECTION 8.12** When workmen are directed to report to the job, such workmen shall be on the job ready to commence work at the regular starting time at no cost to the employer.

Workmen shifting from one job to another or from shop to job or job to shop during regular work hours shall be paid travel time and be furnished transportation or be paid mileage at the current IRS rate per mile.

**SECTION 8.13** Whenever free parking or transportation is not available within 500 yards of the reporting location (shop or job site), the Employer shall reimburse employees for actual parking expenses, provided the employee presents a signed and dated receipt for each expenditure.