

## WORK PROCESS OUTLINE



OCCUPATION/TRADE: Electrician

DOT #: 824.261-010

### Approximate Hours

<b>A. RESIDENTIAL/COMMERCIAL WIRING</b>	<b>4000</b>
<ul style="list-style-type: none"><li>• Mounting and Routing Cables</li><li>• Layout Circuits</li><li>• Splicing Joints</li><li>• Determining Size and Running Service</li><li>• Trimming and Hanging Fixtures</li></ul>	
<b>B. INDUSTRIAL PLANT INSTALLATION</b>	<b>500</b>
<ul style="list-style-type: none"><li>• Light and Power Wiring</li><li>• High and Low Voltage</li><li>• Overhead and Underground Distribution</li><li>• Transformer Work</li><li>• Panel Boards</li><li>• Duct Work</li><li>• Motor Connections</li><li>• Motor Starters and Control</li></ul>	
<b>C. RIGID CONDUIT INSTALLATIONS INCLUDING RIGID PLASTIC AND EMT</b>	<b>1500</b>
<ul style="list-style-type: none"><li>• All Types of Bending and Fitting</li><li>• Measuring, Cutting and Threading</li><li>• Strapping and Hanging</li></ul>	
<b>D. GENERAL MAINTENANCE WORK</b>	<b>1500</b>
<ul style="list-style-type: none"><li>• Circuit Tracing</li><li>• Testing</li><li>• Motor Troubles and Repair</li><li>• Heating and Air Conditioning Controls</li><li>• Household Fixtures and Appliances</li></ul>	
<b>E. EXPLOSION AND VAPOR-PROOF INSTALLATION</b>	<b>150</b>
<b>F. SIGNAL SYSTEMS AND INTER-COMMUNICATIONS PHONES</b>	<b>150</b>
<b>G. AIR CONDITIONING AND REFRIGERATION CONTROLS</b>	<b>200</b>
<b>TOTAL HOURS</b>	<hr/> <b>8000</b>