

## Electrical and Electronics Repairers, Commercial and Industrial Equipment

49-2094.00



**Description:** Repair, test, adjust, or install electronic equipment, such as industrial controls, transmitters, and antennas.

### Other Resources:

[ONET Link](#)  
[MyNextMove Link](#)

**Sample of Reported Job Titles:** Control Technician, E and I Mechanic (Electrical and Instrument Mechanic)

### Job Zone

**Title:** 3 - Medium Preparation Needed

**Education:** Require training in vocational schools, related on-the-job experience, or an associate's degree.

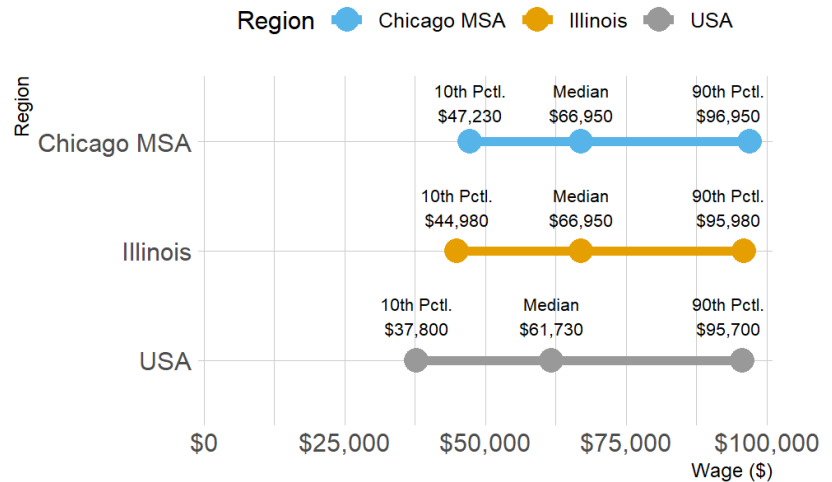
**Experience:** Previous work-related skill, knowledge, or experience is required.

**Training:** One or two years of training involving both on-the-job experience and informal training with experienced workers needed. A recognized apprenticeship program may be associated with these occupations.

**Core Certifications:** PMMI Mechatronics: Industrial Electricity 1

**Hot Technologies:** Autodesk AutoCAD, Computer aided design CAD software, Database software, Microsoft Office Suite, SAP Maintenance

Region	Employment	Location Quotient	Median Wage
Chicago MSA	670	0.44	\$66,950
Illinois	970	0.48	\$66,950
USA	50,780	—	\$61,730



### Top 5 Core Tasks According to Current Job Holders

**Importance**  
**Frequency (out of 100)**

Test faulty equipment to diagnose malfunctions, using test equipment or software, and applying knowledge of the functional operation of electronic units and systems.

Daily

86

Set up and test industrial equipment to ensure that it functions properly.

More than  
yearly

85

Maintain equipment logs that record performance problems, repairs, calibrations, or tests.

Daily

85

Inspect components of industrial equipment for accurate assembly and installation or for defects, such as loose connections or frayed wires.

Daily

83

Operate equipment to demonstrate proper use or to analyze malfunctions.

Daily

82