Electrical and Electronics Repairers, Powerhouse, Substation, and Relay 49-2095.00







Description: Inspect, test, repair, or maintain electrical equipment in generating stations, substations, and inservice relays.

Other Resources:

ONET Link
MyNextMove Link

Sample of Reported Job Titles: Electrical and Instrumentation Technician (E and I Technician)

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Title: 3 - Medium Preparation Needed

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

associate's degree.

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

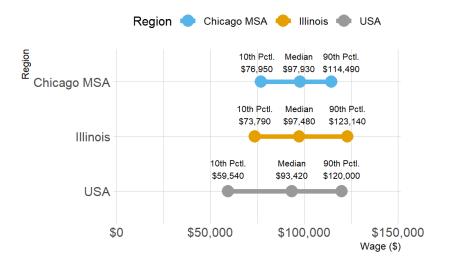
Training: One or two years of training involving both on-the-job experience and informal training with experienced workers needed. A recognized apprenticeship program may be associated with these occupations.

Core Certifications: Instrumentation Certification, Cable Splicing Certification

Hot Technologies: Autodesk AutoCAD, Microsoft Office Suite, Supervisory control and data acquisition SCADA software

Top 5 Core Tasks According to Current Job Holders

Region	Employment	Location Quotient	Median Wage
Chicago MSA	220	0.32	\$97,930
Illinois	390	0.43	\$97,480
USA	22,490	-	\$93,420



Importance

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(out of 100)

Top 3 Core Tasks According to Current 300 Holders	rrequericy	(001 01 100)
Inspect and test equipment and circuits to identify malfunctions or defects, using wiring diagrams and testing devices such as ohmmeters, voltmeters, or ammeters.	Daily	90
Consult manuals, schematics, wiring diagrams, and engineering personnel to troubleshoot and solve equipment problems and to determine optimum equipment functioning.	Several times daily	88
Prepare and maintain records detailing tests, repairs, and maintenance.	Daily	88
Analyze test data to diagnose malfunctions, to determine performance characteristics of systems, or to evaluate effects of system modifications.	Daily	85
Notify facility personnel of equipment shutdowns.	Daily	84