



INFRASTRUCTURE
 MINING & METALS
 NUCLEAR, SECURITY & ENVIRONMENTAL
 OIL, GAS & CHEMICALS



Electrician

Job Objectives

To prepare the construction site for installation of commercial grade electrical circuitry; to install and maintain the electrical circuits; to maintain and service on-site electrical equipment.

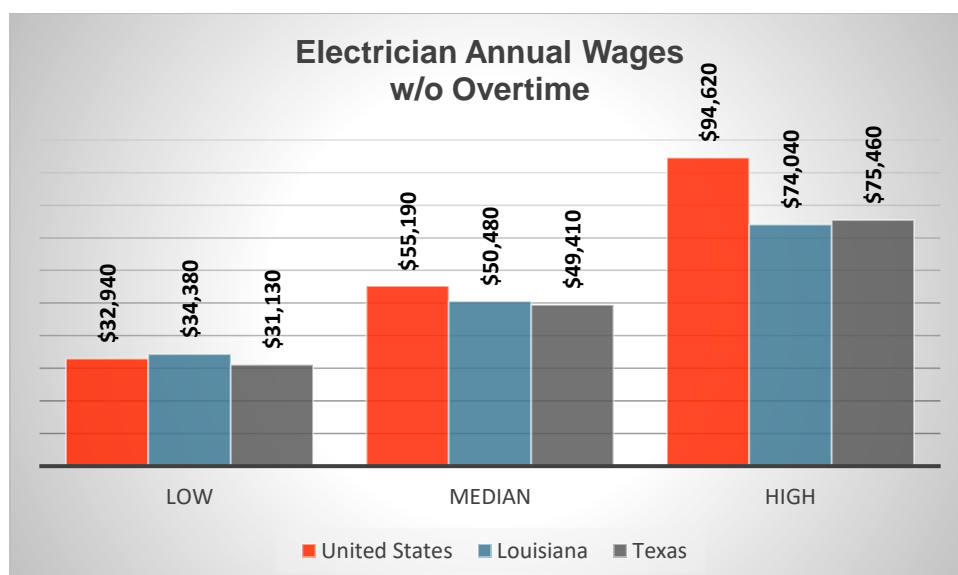
Essential Job Functions

- Read and understand blueprints.
- Measure, cut, bend, thread, assemble, and install electrical conduit using rulers, hand tools, and power tools.
- Install control and distribution apparatus such as switches, relays, and circuit breaker panels.
- Connect power cable to equipment using hand tools.
- Test the installed equipment for safety and electrical compatibility.

Critical Demands of an Electrician

Demand	Description	Frequency
Lifting	Up to 50 lb., floor to 36 in., to 60 in.	Frequently
Carrying	Single hand, up to 50 lb. for 50 ft.	Frequently
Pulling	Hand-over-hand, 25-30 lb. for 30 ft., vertically while standing in stooped position.	Occasionally
Climbing	Vertical ladder, 20-25 ft. increments, up to 150 ft.	Frequently
Crouching and reaching	For up to 5 minutes on even, uneven, narrow and/or elevated surfaces.	Frequently
Kneeling and reaching	For up to 5 minutes on even surfaces.	Frequently
Squatting	For up to 4 minutes on even and uneven surfaces.	Frequently
Balancing	On rough ground and narrow surfaces.	Continuously
Overhead work	From various positions - squatting, standing, crouching.	Frequently
Static forward bending	From standing, crouching, squatting, or kneeling while using tools up to 10 minutes at a time.	Frequently
Trunk rotation	From standing or kneeling.	Frequently
Walking	Throughout the day on even and uneven surfaces up to 500 ft.	Continuously
Gripping	Up to 60 lb.	Frequently

Estimated Earnings



Qualifications

- Age 18 years+.
- HS diploma or equivalent.
- Manual dexterity.
- Hand-eye coordination.
- Good sense of balance.
- Good color vision.

A Targeted Growth Occupation

These roles are among the most in-demand professions along the Gulf Coast. They are expected to add the most jobs in the long- and short-term, and to pay above median wages.

Construction Wages

- Wages are competitive with area projects.
- Hourly wages may be adjusted throughout the life of the project.
- Overtime hours are typical with each project.