

# Electrician Technician

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## JOB DESCRIPTION

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The successful candidate will have the following requirements:

**Job Requirements:** • Having good mechanical/electrical aptitude. • Requires efficiency in basic hand tools such as measuring devices and electrical meters. • Must possess good people skills and can effectively communicate with all levels of people from plant managers to machine operators. • Must be dependable, reliable, hard working. • Good attendance is a must. • Basic math skills/ Computer skills • Ability to read and understand electrical drawings • Ability to work independently and still function as a team player. • Ability to assemble basic standard components to JMC specifications. • Must be available to work overtime as needed.

• Must be able to stand, bend and move for the entire shift as needed. • Requires a high school diploma and/or related experience or comparable abilities. • Must have current passport or have the ability to obtain one for traveling out of the USA. • Other duties as required.

**Key Responsibilities:** • Maintain general shop safety and cleanliness. • Building electrical panels, routing wires, terminating electrical panels, and installing electrical components in custom designed machinery. • Detailed oriented and able to read and interpret work orders, blueprints, and specifications to determine established assembly methods. • Cuts wire to specified lengths, using wire cutters. Crimps terminal eyelets and lugs to wire ends, using hand or machine crimping device. • Routes, combs, twists, wraps, ties, and attaches wire to terminal points, according to jig board layout, using soldering gun and hand tools. • Connects wiring to accessories, such as relays, circuit breakers, plugs, condensers, switches, and solenoids, and installs accessory assemblies in electrical or electronic units, using soldering gun and hand tools. • Conducts functional and continuity tests of electrical assemblies, components, wire harness, and plugs, using ohmmeter, test lights, and other electrical testing instruments. • Maintain general shop safety and cleanliness. • Assembly and wiring of machine components, panels, and subassemblies. • Inspect wiring installations, assemblies, and circuits. • Test the functional performance of the equipment. • Build components such as electrical motors, computers, and electronic control devices. • Verify dimensions and clearances of parts to ensure conformance to blueprint specifications using instruments such as micrometers, calipers, and height gages.

## LOOKING FOR

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### Scholar

A Scholar is accurate, reserved, imaginative, and seeks a high level of technical expertise.

### Artisan

An Artisan is accommodating and analytical, while producing highly precise and accurate work.

### Guardian

A Guardian is unselfish and approachable with a preference for detailed, skill-based work.

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## NOTEWORTHY BEHAVIORS

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Formal

Cautious with risk

Serious

Cooperative

Disciplined

Supportive

Sincere

Willing and helpful

Reserved and quiet

Need for rules and structure

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## SUMMARY

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The focus of this job is on producing high quality, detailed work based on established standards, guidelines and procedures. Precise, consistent work output is essential requiring patience and a willingness to manage and complete one task at a time. The job environment is stable, based on known relationships with people and well-defined processes. Job knowledge and competency is built through structured step-by-step training and positive, supportive coaching from management and peers. Communication with others is based on knowledge of repetitive job routines and procedures gained from sufficient on the job experience. Consistent, error free work based on defined regulations and standards are key measures of job performance success. The job environment promotes steady, methodical work output so that job routines can be completed on time and error-free. This position is designed to develop a valued technical expert, who, recognized and supported by management and a stable work environment, can deliver quality work on a consistent basis.

## JOB CHARACTERISTICS

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- Steady, even pace to promote accuracy and quality of work. Repetitive routines. Complete set of procedures and tasks completed before new ones are begun
- Technical/analytical focus. Work within established systems, standards, and procedures. Communication based on job knowledge and expertise
- Decision-making within clearly defined job scope. Based on defined policies and procedures. Supported by management
- Focused on job knowledge and expertise. Helpful, supportive communication with management and peers. Collaborative approach in structured job environment
- Leadership focused on consistent, accurate, quality work output. Supportive, non-threatening leadership style. Delegation to others when appropriate, using training, coaching and on the job experience