
JOB DESCRIPTION: Control Panel Wireman

Summary

Fabricate and wire electrical panels used to control machinery, equipment, and/or systems following blueprints and wiring schematics.

Essential Duties and Responsibilities

- Fabricate and wire control panels with expected quality, efficiency, and safety.
- Share thoughts and ideas on improved methods, processes, and procedures to enhance the department's products and services.
- Keep advised and provide counsel to management on industry standards, trends, and new technology that can be incorporated into company products and services.
- Liaise and assist Panel Shop Manager, Foreman, QA, and Hardware Design with issues and concerns found in design of panels.
- Notify Purchasing Manager of stock items running low.
- Maintain a clean, organized, and safe work area.
- Align work ethic and actions with company vision.
- Any other task as directed by management.

Responsibility and Authority

- Responsibility: Noted above - Panel shop processes: quality, safety, cleanliness, and organization.

Qualifications

Ability to read blueprints and schematics preferred. Ability to use hand tools and power tools preferred.

Language Ability

Adequate conversational English is required in order that the individual be able to take direction from management, understand how to complete job tasks, communicate adequately with co-workers and customers, understand and follow safety guidelines, and understand the Alliant Technologies Employee Handbook and all company policies. Must be able to interpret written warnings as posted in the panel shop area.

Experience

- 0 years of experience. Will train.

**Alliant Technologies
 Job Demands**

Position: Control Panel Wireman

Physical & Mental Demands	Extent			
	Continuous Over 70%	Frequent	Occasional	Rarely
<i>Physical Demands</i>				
Standing	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Walking	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Climbing	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Bending	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Crouching	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Pushing/Pulling	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Carrying	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Lifting/Lowering 1-15 lbs.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
15-30 lbs.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
30-50 lbs.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Over 50 lbs.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Fine Hand/Eye Coordination	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Color Discrimination	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Hearing Acuity	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<i>Mental Demands</i>				
Concentration on detail	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Attention span 1+ hours on a task	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Ability to remember multiple tasks	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Oral communication	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Written communication	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<i>Working Conditions</i>				
Exposure to toxins, cytotoxins, poisons	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Exposure to extreme heat, cold, temp fluctuations	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Exposure to hazardous chemicals	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Exposure to radiation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Other (Specify:)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Sensory Requirements	Is Crucial	Is useful		
See	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
Distinguish colors	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
Hear/Listen	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Taste	<input type="checkbox"/>	<input type="checkbox"/>		
Smell	<input type="checkbox"/>	<input type="checkbox"/>		
Touch	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
Speech	<input type="checkbox"/>	<input checked="" type="checkbox"/>		

Mental Effort	Work Environment
Check all functions performed on a daily basis... <input checked="" type="checkbox"/> Reading <input checked="" type="checkbox"/> Basic arithmetic <input type="checkbox"/> Advanced mathematics <input checked="" type="checkbox"/> Weighing/measuring <input checked="" type="checkbox"/> Visualizing conclusions <input type="checkbox"/> Analyzing data <input checked="" type="checkbox"/> Searching for solutions <input checked="" type="checkbox"/> Creating methodologies <input type="checkbox"/> Conducting research <input type="checkbox"/> Managing resources <input type="checkbox"/> Evaluating performance of others	% of time spent: 99 _____ Indoors 1 _____ Outdoors The air is: <input checked="" type="checkbox"/> Clean/Normal/Average <input type="checkbox"/> Dusty/Dirty <input type="checkbox"/> Wet/Humid <input type="checkbox"/> Affected by smoke, fumes, etc. You work on a surface that is: <input checked="" type="checkbox"/> Level <input type="checkbox"/> Uneven <input type="checkbox"/> Sloping <input type="checkbox"/> Slippery Noise level is: <input type="checkbox"/> Normal <input checked="" type="checkbox"/> Loud