



## JOB DESCRIPTION

<b>Job Title:</b> Technician, Electrical	<b>FLSA Status:</b> Exempt, Full Time
<b>Reports to:</b> Sr. Electrical Engineer	<b>Last Revision:</b> 10/16/2020

### SUMMARY

This is for a position as part of a team tasked with the design and implementation of various products in the area of fuel cell power systems at H2 PowerTech LLC. The key responsibility of this position is the troubleshooting and repair of PCBAs, test stands, H2PT products and electrical components.

The ideal candidate is someone

- with broad experience in troubleshooting
- who can read and create electrical schematics
- who understands electric circuits
- who can design and assemble wire harnesses

### PRIMARY RESPONSIBILITIES

- Troubleshooting and repair of failed PCBAs, test stands and electrical components
- Creates and maintains electrical schematics of H2PT products and test stands

### MINIMUM QUALIFICATIONS

- Requires an electrical technology degree and at least 5 years' experience in the field or in a related area.
- Understands hazards of and can work safely when working with high power battery systems and line voltages of 220VAC.
- Work well as a team player.
- Familiar with Altium Software; symbol creation and schematic capture as well as footprint creation.
- Support offshore manufacturing facilities when production issues arise – possible travel or off hour business calls.
- Ability to troubleshoot and repair PCBAs to the component level.
- Skilled at soldering fine pitch components (20 mil), resistor and capacitors down to 0402 in size.
- Ability to design and build wire harnesses.

### ADDITIONAL CONSIDERATION FOR THE FOLLOWING QUALIFICATIONS

- More than 10 year's experience as an electrical technician



- Understanding of Fuel Cell Technology

### **WORKING CONDITIONS**

Primary environment: Normal interior/office work environment and/or laboratory.

Secondary environment: Manufacturing environment. May be exposed to loud noises, changing temperatures, machinery with moving parts, and exotic materials.

### **PHYSICAL REQUIREMENTS**

Lifting up to 50 lbs, manual dexterity, visual acuity, 'hands on' person

### **TRAVEL REQUIRMENTS**

Travel within the US and foreign countries a few times per year with overnight stays up to 14 days during an international trip.

**H2 PowerTech LLC is an Equal Opportunity Employer**