

Robert Smith

Sr. Electrical Engineering Technician

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SUMMARY

Electrical Engineering Technician for 4 years with management experience seeking further opportunities in industrial maintenance.

SKILLS

Experience in both company and classroom.

WORK EXPERIENCE

Sr. Electrical Engineering Technician

ABC Corporation - March 2012 - August 2016

- Created, maintained and repaired electronic components and equipment used in equipment or devices.
- Coordinate with electricians or electrical engineers, and worked on-site to keep machinery and specialty equipment running correctly.
- Used specialized measuring and diagnostic devices to evaluate how electrical equipment is working, building or calibrating instrumentation, build electronic devices based on reading schematics, inspect for problems, replace old equipment and install new equipment.
- Examined electrical schematics to wire electrical cabinets for Robot Cells, CNC Machinery, and Gantry Lines.
- Laid out backplanes for electrical cabinets and mounted the proper electrical components to the backplane to wire up by following the schematic and wiring it to customer specifications.
- Performed diagnostic testing of all electrical components inside the electrical cabinet as well as the floor wiring to the machine or robotics.
- Installed and verified the software on Robotics Lines as well as Assembly Lines, using Siemens Step 7 Software.

Electrical Engineering Technician

ABC Corporation - 2010 - 2012

- Was an Electrical Engineering Technician in the design division for all classes of U.S. Naval Ships.
- My duties included Performed design, layout and drafting of power, lighting, communications and weapons fire control systems.
- Responsible for component selection, definition of foundation requirements and weight and moment calculation on Naval Ships.
- Designed systems in accordance with specifications from vendors as well as foundation requirements, space availability and spare part needs.
- Selected components needed for various ShipAits and Engineering Changes through communications with vendors and customer.
- Ran calculations for weight distribution of components, parts and system needs.

EDUCATION

Associates in Electrical and Electronics Engineering Technology - (Rhodes State College - Lima, OH)