

# Job Description

<b>Job Title:</b>	<b>Skilled Wiring Technician</b>	<b>Job Holder:</b>	
<b>Division:</b>	<b>Barnstaple</b>	<b>Grade:</b>	<b>Technician</b>

## Job Purpose:

As a skilled wiring technician, you will be responsible for assembling electrical wiring harnesses and complex electrical assemblies within a production environment, meticulously following engineering drawings, wiring diagrams, and work instructions, while maintaining high quality standards and adhering to safety protocols.

## Key responsibilities:

- **Wiring assembly:**

Precisely wiring electrical components according to detailed blueprints and specifications, including stripping, cutting, and crimping wires to connect various connectors and terminals.

- **Soldering:**

Performing high-quality soldering operations on delicate components within wiring assemblies.

- **Quality control:**

Inspecting completed wiring harnesses for accuracy, proper connections, and adherence to quality standards, identifying and correcting any defects.

- **Technical documentation:**

Interpreting engineering drawings, wiring diagrams, and work instructions to ensure correct assembly procedures.

- **Troubleshooting:**

Diagnosing and resolving electrical issues within wiring assemblies, such as faulty connections, incorrect wire routing, or component malfunction.

- **Material handling:**

Managing and organizing electrical components, wire stock, and tooling to ensure efficient production flow.

- **Production reporting:**

Maintaining accurate documentation of work completed, including time spent and any quality concerns.

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## Required skills and qualifications:

- **Technical knowledge:**  
Strong understanding of basic electrical principles, including voltage, current, resistance, and circuit theory.
- **Hand dexterity:**  
Excellent manual dexterity to handle small wires, connectors, and tools with precision.
- **Attention to detail:**  
Ability to consistently maintain accuracy and quality in a fast-paced production environment.
- **Reading comprehension:**  
Proficiency in reading and interpreting engineering drawings and wiring diagrams.
- **Tool usage:**  
Familiarity with various hand tools used for wire stripping, crimping, soldering, and assembly.
- **Quality awareness:**  
Commitment to maintaining high quality standards and following established quality procedures.

## Relevant experience:

- Previous experience as a wiring technician, electrical assembler, or similar role in a manufacturing setting.
- Knowledge of specific industry standards and regulations related to electrical wiring. (IPC & J-Std)

## Operational Standards and Objectives:

- Work is to be carried out to customer satisfaction and not attract customer complaint.
- Work is to comply with the Company Management System and the Company Quality System as applied through the Project Management and Quality Plans.
- Work is to be presented in the Company format unless specifically directed otherwise in recorded instructions.
- Comply with the provisions of Health and Safety legislation to assist in the maintenance of a safe workplace.

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<b>Training:</b> <i>Any required training would be provided for successful candidate</i>	
<b>Reporting Line</b> The jobholder will report to the	Production Department Supervisor
<b>Job Location</b> The job will be located in the	Production Department, Barnstaple