



JOB DESCRIPTION & COMPETENCIES

EMPLOYEE NAME	
POSITION DESCRIPTION	High Voltage Wiring Technician
OPERATIONAL AREA	Engineering

KEY RESPONSIBILITIES

- The High Voltage Wiring Technician will be responsible for the assembly and wiring of prototype/ low volume Renewable energy electro-mechanical production concepts, including HV battery systems.
- You will also be responsible for fault finding and repairing both HV & LV wiring, including automotive standard harness/ test leads.
- Facilitate both whole system & component testing in line with design verification process for future Indra products.
- Full electrical system fault analysis and rectification using diagnostic tools.
- Programme and flash Battery Management Systems.
- Liaise with Electronic & Software development engineers regarding possible issues identified.
- Problem solving to aid in solution of issues.
- Where experience exists, there will also be opportunities to get involved with some vehicle-based projects and repair of EV systems.



JOB DESCRIPTION & COMPETENCIES

KEY COMPETENCIES

Qualifications

- HND or Degree-qualified in an Electrical Engineering discipline, with relevant hands-on experience
- Or a formal electrical trade qualification with a demonstratable track record of success in a similar role

Essential Skills

- Experience in:
 - High Voltage Wiring and Battery Systems
 - Domestic wiring (including 3-phase commercial)
 - Good soldering skills at connector & PCB level
 - A relevant engineering environment, including maintenance and fault finding
 - Working from circuit diagrams/ wiring schematics and technical drawings to create products or assemblies
 - Creating wiring documentation such as diagrams and schematic generation
- Understanding of electronic engineering theories, concepts, and assembly processes
- Have evidenced experience working with HV equipment, with HV training to SAP level
- Have a good working knowledge of general health and safety requirements, particularly around electrical safety procedures
- Self-motivated and able to work autonomously
- Possess good interpersonal and communication skills
- Efficient time management
- Task orientated
- Ability to work safely, with due-diligence and minimal supervision

Desirable Skills / Experience

- Experience operating within an ISO 9001 Quality Management System
- Experience in Automotive wiring standards and practices
- Knowledge of Electric Vehicle Charging Standards (CHAdeMO, CCS, ISO 15118, IEC 61851 etc)

01684 770 631

hello@indra.co.uk

www.indra.co.uk

Unit 1, Sentinel House, Sparrowhawk Close,
Enigma Business Park, Malvern,
Worcestershire, WR14 1GL



JOB DESCRIPTION & COMPETENCIES

- Understanding of various manufacturing techniques, including PCB and electro-mechanical systems
- Experience of metalwork fabrication, including cutting, forming and welding
- Experience in Automotive maintenance and repair, particularly in the Electric Vehicle (EV) or Hybrid sector

Basic IT skills including the use of Microsoft applications