



JOB DESCRIPTION & COMPETENCIES

EMPLOYEE NAME	TBC
POSITION DESCRIPTION	Systems Engineer
OPERATIONAL AREA	Test and Compliance Team

KEY RESPONSIBILITIES

Founded in 2013, Indra Renewable Technologies is a fast-growing electric vehicle and smart energy technology company developing innovative charging and energy storage solutions. Indra operates across two highly innovative and fast-moving industries; electric vehicles ('on vehicle' technology) and smart energy ('off vehicle technology'); developing and manufacturing smart energy products, including an electric vehicle Smart Charger, a Vehicle to Grid (V2G) charger and vehicle battery systems. We see an opportunity for Indra to play a significant role in supporting EV OEMs, energy retailers and electricity grids in the transition to decarbonising transport and homes in the UK and beyond.

A systems engineer will work within the Product team providing support to all projects focusing on system concept, architectural and design of complex projects, small or large, over their life cycles.

- Can operate cross discipline with knowledge of Electronics, Electrical, Test and Compliance embedded software, IoT and product design engineering.
- Can operate as a system architect for small and large, simple or complex projects.
- Can provide input 'pre-project' in supporting commercial discussions and early stage solution development
- Can decipher standards and ensure early stage/architectural product compliance.
- Can work with the delivery team throughout the development lifecycle to provide support where required, to set the solution and verification of that solution
- Perform other reasonable tasks in line with business requirements

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



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ROLE SPECIFIC COMPETENCIES

Qualifications

- Degree-qualified (or equivalent) in relevant Engineering discipline, with 1+ years related engineering experience with cross discipline projects.

Essential Skills

- Experience in the following technical areas:
 - Product design
 - Schematic design
 - Electrical architectural models
 - Product regulatory compliance standards.
- Process skills related to coordinating and documenting technical documents.
- Demonstrate understanding of high technology product development
- Think outside of the box to implement innovative and effective solutions
- Good interpersonal and communication skills and the ability to work effectively in a team environment with limited supervision.
- A proven track record of delivering technical solutions within challenging timescales.
- Knowledge of operating within an ISO 9001 quality system.

Desirable Skills

- Passion for sustainability

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- Understanding of electric vehicle conductive charging systems and related standards.

Core Qualities

- Personal Effectiveness: proactive, makes things happen, operates with resilience, flexibility and integrity.
- Communication: shares and listens to information, opinions and ideas, using a range of effective approaches.
- Attention to detail.
- A desire to be challenged and to contribute to the success of the business.