

Honda R&D Europe (UK) Ltd. - Motor Sports Division (Milton Keynes)

PERMANENT VACANCY

JOB TITLE: Energy Storage Systems Engineer
REPORTING TO: ERS Development Department Manager
DEPARTMENT: Honda Racing Development – MK
APPLY TO: Kelly_Brooks@uk.hrdeu.com

ROLE:

The Energy Storage System Engineer will work within the Energy Storage System (ESS) development and production team.

The Energy Storage System Engineer will be responsible for the system level development of the primary high voltage circuit including battery system, battery management system and other subsystems, as well as fault investigation and setting countermeasures during ESS pack production stage or sign-off process. The role is also responsible for fault investigation of the ESS pack at factory, after races or test use, as well as addressing the countermeasures and conducting the follow up actions within the team.

Main Responsibilities:

- To support ESS test requests, whilst optimising facility capability and carrying out production, durability and development tests
- To investigate any faults on ESS pack at development, production, sign-off process and used on the race car.
- To address the countermeasures for the faults and conduct following process
 - To analyse the battery or power electronics test data on ESS pack with supplier and sub-contractor
 - To feedback the test data to ESS development team to improve the performance and reliability of ESS pack.
- To define the specification / design of test equipment as required
- To organise and oversee the equipment for ESS production
- To create report documents of the test results in a clear, concise and structured manner
- Any other tasks as reasonably required by the Company.

Knowledge, Skills and Experience:

- ESS / Battery analysis, monitoring and development experience
- Proven strong fault finding and diagnostic abilities
- Experience in design and specification of production tools and equipment for ERS / Battery
- Strong knowledge of ERS testing methodologies
- Excellent document presentational skills
- An adept communicator, be able to build good relationships across all cultures both internally and externally
- Fluency in spoken & written English is essential. Competence in Japanese or another European language is desirable
- Domestic Travel and Travel overseas will be required
- Competence and licence to drive in the UK
- PC literate

Personal Competencies:

- Strong technical ability and problem solving skills
- High level of attention to detail

- Enthusiastic and self-motivated with high levels of initiative
- Excellent communication and teamwork skills
- Ability to plan and manage own workload/projects
- Able to work autonomously under pressure and meet tight deadlines

All employees must ensure compliance with the Company Health and Safety Policy, and all relevant other statutory Health and Safety legislation.

Please note that shift working and weekend working may feature as part of this role. Domestic Travel and Travel overseas may be required.

This job description may not detail some less major duties allocated to the post holder, nor cover duties of a similar nature, commensurate with the role, which may from time to time be reasonably required by the relevant manager.