



## Honda Racing Development UK Ltd

### PERMANENT VACANCY

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**JOB TITLE:** ESS Test Engineer

**REPORTING TO:** Development and Testing Group Leader

**DEPARTMENT:** Development and Testing Group

**APPLY TO:** [hondaracingjobs@uk.hrdeu.com](mailto:hondaracingjobs@uk.hrdeu.com)

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#### **ROLE:**

Honda is seeking Energy Storage System Test Engineer to join the business on a permanent basis. The purpose of this role is to work within the Energy Recovery System (ERS) development and testing team. It is responsibility of this engineer to define test procedures, test equipment and carry out analysis of test data to identify issues before they could occur at the track. Methodical approach to fault finding, troubleshooting and implementation of countermeasures is vital in this role. The focus of this role will be to support existing ERS test facilities, however, there are opportunities to devise and commission new test equipment.

#### **MAIN RESPONSIBILITIES:**

- Define acceptance testing procedures, test equipment and pass / fail criteria
- Investigate issues, faults or anomalies on ERS packs:
  - review test data and lead the investigation by sharing findings with supplier or subcontractor
  - feedback findings to other team members to improve reliability or performance
- Battery and power electronics installation and removal, and ESS testbed operation.
- Support commissioning of new test equipment
- Provide instruction to ERS technicians
- Support dyno testing activities in Japan, UK and any customer site
- Any other tasks as reasonably required by the Company

#### **KNOWLEDGE, SKILLS AND EXPERIENCE REQUIRED:**

- Significant ERS exposure and experience
- Advanced user of data logging systems and analysis packages for F1
- Advanced ERS / Battery analysis, monitoring and development experience
- Strong knowledge of ERS testing methodologies
- Strong fault finding and diagnostic abilities
- Excellent document presentational skills
- An adept communicator, be able to build good relationships across all cultures both internally and externally
- Experience in designing, specifying and use of high voltage system production tools / equipment
- Fluency in spoken & written English is essential. Competence in Japanese or another European language is desirable
- Domestic Travel and Travel overseas will be required
- Full Driving license and competence to drive in the UK
- PC literate

#### **PERSONAL COMPETENCIES:**

- Engineering enthusiasm
- Strong technical ability and problem-solving skills
- Analytical
- Self-motivated and competitive

- Excellent communication skills and teamwork skills
- High integrity
- Problem solving and decision-making skills
- Able to work autonomously under pressure and meet tight deadlines
- Shift work may be required in busy periods

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.

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