



## Honda R&D Europe (UK) Ltd. Motor Sports Division

---

**JOB TITLE:** Fuse & Electrical Test Engineer

**REPORTING TO:** System Engineering Group Leader

**DEPARTMENT:** ERS Development Department

**APPLY TO:** Kelly\_Brooks@uk.hrdeu.com

---

### **ROLE:**

The purpose of this role is to work within the Energy Storage System (ESS) development and production teams and to be responsible for proof out design concept by testing components of the ESS pack, cooling system, HV system and battery monitoring system, etc. This role is responsible for providing feedback of test results and advice to the design team, as well as designing and testing electrical parts (including harness and PCB) of the ESS programme. This role is also responsible for the test rig and garage equipment for ESS (e.g. Off-Board Charger, System Checker and Cooling Rig, etc).

### **MAIN RESPONSIBILITIES:**

- Testing prototype components or systems of the ESS pack.
- Creating test rig and measurement system for obtaining test results
- Liaising with other technical groups, suppliers for cell & power electronics and the partners of chassis team
- Feedback to design team or development team about the test result.
- Investigate any fault on ESS pack at development, production, sign-off process, and used on the race car.
- Designing and testing electrical parts of ESS pack and ERS parts including looms.
- Designing and testing of the test rig and garage equipment for ESS pack
- Liaising with other technical groups and suppliers for subcontracted work
- Organizing and overseeing of equipment for ESS production
- Creating report document of the test results in a clear, concise and structured manner □  
Any other tasks as reasonably required by the Company.

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

- Experience of design proof out rig testing including creating test procedure and setting up test rig
- Experience of managing subcontractor for rig test
- Degree in Electrical/Electronic technology or equivalent
- Experience of wire harness, specifying PCB design and testing
- Good knowledge of ERS or HV Battery System
- Good knowledge of measurement tools and equipment
- 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 may be required
- Competence and license to drive in the UK
- PC literate

HRD Milton Keynes, Motor Sport Division,  
Unit 10 Grampian Gate, Winterhill, Milton Keynes, Bucks, MK6 1BD

**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
- Flexible and able to plan, prioritise 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.

HRD Milton Keynes, Motor Sport Division,  
Unit 10 Grampian Gate, Winterhill, Milton Keynes, Bucks, MK6 1BD