

Honda Racing Development – Milton Keynes

PERMANENT VACANCY

JOB TITLE: System Engineer
REPORTING TO: PU Performance Department Manager
DEPARTMENT: Honda Racing Development - MK
APPLY TO: lorelei_williams@uk.hrdeu.com

ROLE:

The purpose of this role is to look after operation and reliability of PU (ICE and ERS System) at Trackside and at Factory to support the development of F1 Engines on Dyno etc.

MAIN RESPONSIBILITIES:

- Manage and look after each Power-Unit (ICE and ERS System) operation and control data.
- Attend Simulator sessions with Chassis team which includes Energy Management Data setting.
- Attend the mission control room to support the trackside.
- Understand updated control specification (algorithm), create and setup control data.
- Collect running result and optimize the control data setting.
- Proceed Engine Fire up
- Data set up – Monitoring while operating Power-Unit
- Report Faults
- Daily report; Create and Report Daily trackside feedback information etc.
- Any other reasonable tasks as required by the Company

KNOWLEDGE, SKILLS AND EXPERIENCE REQUIRED:

- Knowledge of F1 Power Units (Direct Injection, Turbo Engine, MGU, ES)
- Ability to analyse data from Power-Unit reliability and performance aspect
- Exposure/knowledge of ERS Power-Unit Energy Management
- Track-side experience
- Excellent document presentational skills
- Familiar with analysis tools such as ATLAS, SystemMonitor
- An adept communicator, 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
- PC literate
- Competence and licence to drive in the UK
- Travel overseas will be required

PERSONAL COMPETENCIES:

- Engineering enthusiasm
- Analytical
- Self-motivated and competitive
- Excellent communication skills
- High integrity
- Problem solving and decision making skills

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

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.