

Job Description

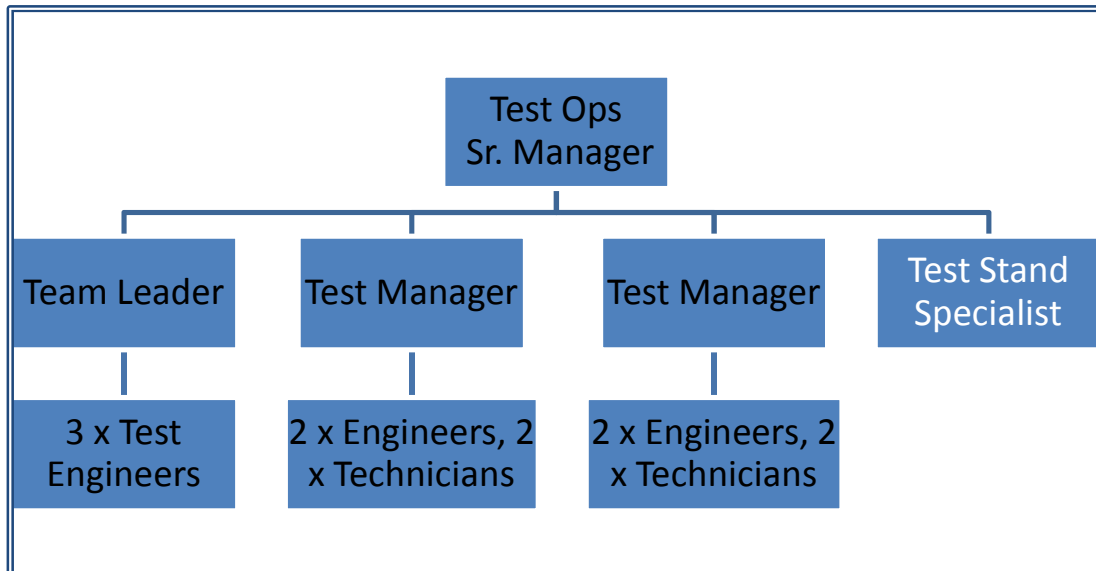
Job Title: Principal Engineer - Test Stand Specialist

Reports to: Sr. Manager, Test Ops

Direct reports: None

Budgetary Responsibility: TBD - ~ £ 200 k

Organogram:



Purpose of the Job:

To take ownership of the technical aspects of design, commission and maintenance of bespoke test equipment used to support the development of Ceres Power fuel cells, CHP units and related components.

Key Accountabilities:

- Technical File Ownership
 - Responsible for P&ID, specifications, drawings, supporting calculations etc. for each test stand
 - Upkeep of records to support QA activities
- Total Maintenance Plan
 - Responsible for managing maintenance and calibration schedules

- Testing
 - Take hands-on approach to support the test team with stand commissioning
 - Own resolution of all Test Stand Issues
- Facility Upkeep
 - Maintain dialogue with facilities team and technical specialists to ensure infrastructure fit for purpose
 - Review facility requirements as business grows
- Test Stand Design & Modification
 - Validate operation of existing test stands to ensure fit for purpose as requirements change
 - Recommend and implement design modifications if required
- Continuous Improvement
 - Seek to improve existing test processes to improve efficiency and quality
 - Provide regular, evidence based reports to senior management, as necessary
- Safety
 - Responsible for HAZOPs assessment of test stands
 - Assist Test Managers with Risks Assessments

Key Internal Relationships:

- Test Ops Managers
 - Prioritise issue resolution to support ongoing Design Validation testing and product development.
 - Prioritise and schedule periodic maintenance and calibration with minimum disruption on operations
 - Identify improvement opportunities and necessary resources to implement – including external contractors when needed
- Test Engineers
 - Interface closely with Test engineers to ensure test operations run smoothly
 - Provide Test Engineers with necessary training on bespoke test system elements and Safety/HAZOP requirements
- Facilities lead
 - Interface closely with Facilities to ensure sufficient physical plant is in place for test stands and all Safety/HSE standards are being met

Knowledge, Skills and Experience Required:

Required:

- Degree qualification, (ideally at least 2:1) in Electronic Engineering, Electrical Engineering, Mechanical Engineering (or similar)
- Minimum 5 years' experience working in Research and/or Development environment building, commissioning, calibrating, running, and maintaining test equipment
- Experience of specifying and operating a range of instrumentation and control systems
- Ability to programme STARS, LabView and/or other test stand automation software
- Knowledge of testing electrochemical devices (batteries, fuel cells)
- Demonstrated practical skills to complement academic background

- Strong technical and problem solving skills
- Practical ability to match academic qualifications
- Good attention to detail
- Good communication skills

Remuneration

The ideal candidate will receive a competitive salary, together with a benefits package including excellent contributory pension, cycle to work scheme, life insurance, childcare voucher and share save scheme.

To apply

Please send a full CV detailing relevant experience together with details of current remuneration package to: recruitment@cerespower.com or Ceres Power Ltd, Unit 18 Denvale Trade Park, Haslett Avenue East, Crawley, West Sussex, RH10 1SS www.cerespower.com