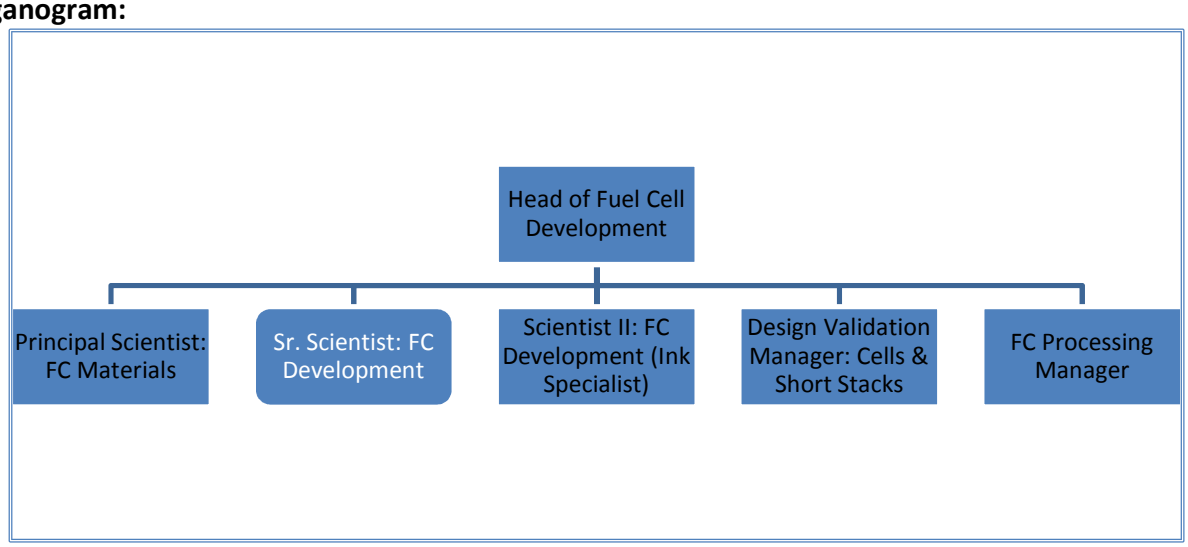
Job Description

Job Title:	Senior Scientist: Fuel Cell Development
Reports to:	Head of Fuel Cell Development
Direct reports:	None
Budgetary Responsibility:	None

Organogram:



Purpose of the Job

Reporting to the Head of Fuel Cell Development, the Fuel Cell Development scientist will work on a range of projects aimed at producing the next generation of Ceres Power metal-supported SOFC technology, particularly around optimisation of the electrodes.

Key Accountabilities

- Research into factors affecting SOFC electrode performance and durability.
- Fabrication and micrographic characterisation of development SOFC cells.
- Electrochemical characterisation of SOFC electrodes and technique development.
- Analysis of performance data from testing of complete SOFC stacks.
- Support for other key development activities as required.

Key Results Areas – to do

- Quickly become capable of managing activities for a development project with minimal supervision.
- Careful experimental execution and timely and accurate reports on project progress.

- Design and implement further techniques to advance Ceres' capability to make kinetic measurements on SOFC electrodes.
- Demonstrate competence in six sigma, design of experiments and SPC techniques.

Internal & External Relationships

- Regular contact with Head of FC Development for line management.
- Work alongside other development scientists and technicians on joint projects.
- Regular contact with fuel cell design validation and testing team to generate testing data to support development work.

Knowledge, Skills and Experience

Required:

- Qualified to PhD level, with a strong background in fuel cells, batteries or other electrochemical devices. A specific knowledge of SOFC fabrication and characterisation techniques would be an advantage.
- Some experience of working in an industrial R&D environment.
- Competent, tidy and safe lab worker.
- Ability to work flexibly in a multidisciplinary team is absolutely essential.
- Strong communication skills both written and verbal.
- Ability to work to tight deadlines in a pressured environment.

Highly Desirable:

- Experience of electron microscopy.
- Experience of AC impedance spectroscopy or other electrochemical techniques.
- Experience of ceramic fabrication technology.
- Knowledge of 6-sigma/DoE/ SPC techniques, particularly as applied to design and interpretation of experiments.
- Experience of undertaking risk assessments.

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