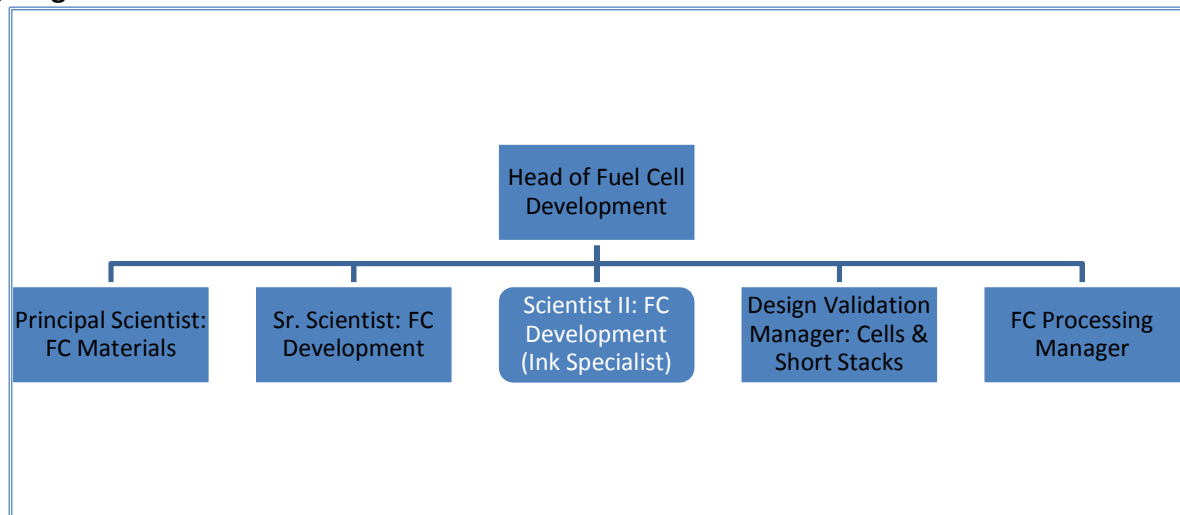


Job Description

Job Title:	Scientist II: Fuel Cell Development (Ink Specialist)
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 successful candidate will support the Cell Development team with expert advice on ink/suspension/paint formulations. They will contribute to projects seeking to develop the deposition processes for the next generation of Ceres Power metal-supported SOFC technology.

Key Accountabilities

- Support the fuel cell development team activities with the development of new inks.
- Take ownership of cell ink formulations.
- TPM and calibration for all ink making equipment in the Technology Centre.
- Support the cell development team in the development of next generation cell deposition processes.
- 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.
- Perform full rheological characterisation and analysis of all Ceres' development inks.
- Design and carry out experiments to optimise Ceres' ink formulations.
- Complete all necessary COSHH and risk assessments associated with new ink formulations and/or processes.
- 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.
- Collaborating with Process Engineering, Quality Engineering and Manufacturing Operations with the introduction of new processes.

Knowledge, Skills and Experience

Required:

- Qualified to degree level in Chemistry or closely related discipline.
- Competent, tidy and safe lab worker.
- A strong knowledge and understanding of all aspects of rheological characterisation.
- Must have good time management skills and be capable of delivering to challenging targets in a fast-paced development environment.
- Strong communication skills both written and verbal.
- Several years' industrial experience in a paints/inks development environment.
- Experience of completing COSHH and process risk assessments.
- Exposure to a variety of ink making processes and deposition techniques including screen printing.

Highly Desirable:

- Knowledge of 6-sigma/DoE/ SPC techniques, particularly as applied to design and interpretation of experiments.

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