

Job Description

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| Job title: | Technician |
| Type: | Full-time |
| Department: | R&D |
| Location: | BeFC SAS 570 rue de la Chimie, 38061, Gières |

Job purpose

To provide a supporting role to members within the R&D teams, in the areas of design development and realisation of experimental apparatus, systems, and prototypes relating to various BeFC projects and in-house needs. In particular, the post will bring in relevant skills in the areas of solution and sample preparation, commissioning, inspection and maintenance of apparatus, and conducting experiments. These skills have wide ranging applications on developing and ongoing projects at BeFC.

Source and nature of management provided

The post holder will be line managed by the Managerial Team, but will work closely with staff across different projects.

Staff management responsibility

A limited supervision of students may be required, however there is no expectation from the post holder to perform staff managerial duties.

Career and professional development activities

BeFC encourage and support the personal and professional development of our staff. Individual development needs will be identified through a regular review process.



Special conditions

Although based in the main BeFC R&D facilities, the job may at times involve working in any of the other BeFC facilities. Lifting and handling of heavy equipment may occasionally be required, lifting aids will be provided where appropriate. Contact with chemicals will be part of the job and personal protective equipment will be provided.

From time to time, the post holder may be asked to assist with Continuing Professional Development (CPD) activities. This will form part of a substantive role and no additional payment for these activities should be expected.

Main duties and responsibilities

Using a high degree of technical expertise, provide technical support for ongoing projects as well as assist with in-house experimental setup design, including:

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| 1 | Preparation of samples / solutions / formulations |
| 2 | Commissioning of test apparatus / equipment |
| 3 | Mechanical characterisation |
| 4 | Electrochemical testing |
| 5 | Electronic & electrical testing |
| 6 | Data processing |
| 7 | Operating automated manufacturing equipment |
| 8 | Equipment inspection and basic maintenance |
| 9 | Management of laboratory inventory and consumables |
| 10 | Assisting in the organisation and cleaning of laboratories |



Specification

| Qualifications | Essential | Desirable |
|---|-----------|-----------|
| Graduate of a scientific/engineering course (Bachelor's degree or equivalent) | X | |

| Experience/Knowledge/Skills | Essential | Desirable |
|--|-----------|-----------|
| Previous experience in sample / solution / formulation preparation | | X |
| Knowledge and understanding of scientific test equipment | | X |
| Understanding of mechanical engineering principles | | X |

| Attributes | Essential | Desirable |
|--|-----------|-----------|
| Ability to work in a team and with partners when necessary | X | |
| Analytical mindset | | X |
| Organised, ability to work with efficiency and prioritise own workload | X | |
| Independent and self-motivated | | X |
| Understanding of the English language, both written and oral | | X |