



**JOB TITLE:** Laboratory Technologist

**LOCATION:** Avonmouth

**REPORTS TO:** Assistant Laboratory Manager

**RESPONSIBLE FOR:** Inward material testing and acceptance / product sampling, testing and quality assessment / testing new materials / product development / maintaining laboratory

**INTERACTS WITH:** Laboratory staff & Director of Technology & Sustainability

**HOURS OF WORK:** 37.5 hours per week, 8:00am to 4:00pm Mon-Fri

### JOB PURPOSE

Reporting to the Assistant Laboratory Manager, the jobholder will have responsibility for the day-to-day testing and research and development laboratory work within the company.

The individual will be primarily involved in research and development on new materials and products. This will include receiving and logging new materials and carrying out testing to characterise physical and chemical properties to determine compliance with company inward specifications. This will also involve developing new formulations and products and testing to determine compliance with company product specifications. There will also be occasional involvement in plant trials to test new innovations at the Avonmouth, Wretham, and Leeds sites.

The role will involve quality control testing on incoming materials using the standard inward procedures, and routine testing of the manufactured product according to British Standard methods. The individual will be responsible for entering this testing information into the database system and communicating the findings to the laboratory team and management staff.

Collating of testing data and presentation of the results as charts or tables will also be required. The role will involve assisting with the preparation of internal and external reports with the data as required.

This is presently a small but high profile, high growth company. It is envisaged that the role will grow with the company and may involve training and supervision of others as the team grows.

An enthusiastic hands-on approach and willingness to learn and develop new skills is essential.

### KEY DUTIES

- Assisting in developing and testing new products/processes/mix designs
- Operation of analytical instruments (ICP, XRF, XRD, Ion Chromatography, laser diffraction particle size analysis, spectrophotometry)
- Testing of new incoming materials
- Carrying out QA procedures on site, including quality control testing on incoming materials, collecting and testing samples from the production process, and stockpile sampling and testing



ISO 9001  
ISO 14001  
OHSAS 18001

Certificate Number 11259

Norfolk House, High Street, Brandon, Suffolk IP27 0AX  
+44 (0)1842 812 229 - [info@oco.co.uk](mailto:info@oco.co.uk) - [oco.co.uk](http://oco.co.uk)

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Registered office: Montague Place, Chatham Maritime, Chatham, Kent ME4 4QU

- Checking that products comply with company standards, and reporting as necessary
- Checking that incoming raw materials comply with company specifications and specific agreements as required, and reporting as necessary
- Updating information systems/databases
- Data entry and collation and presentation of results
- Production of reports in conjunction with the Assistant Laboratory Manager/Laboratory Manager
- General maintenance of the laboratory
- Maintenance of records including MSDS and COSHH
- Maintenance of laboratory equipment and the laboratory
- Carry out other duties as requested by the Assistant Laboratory Manager/Laboratory Manager

#### ESSENTIAL SKILLS / EXPERIENCE

- Excellent attention to detail and accuracy
- Good organisation
- Experience using Word and Excel
- Good communication (written and oral) skills
- Practical skills and hands-on approach
- Positive attitude to maintenance and cleanliness
- Willingness to learn new skills
- Able to be innovative and work under their own initiative
- At least 6 months laboratory experience
- Qualification in a scientific discipline

#### DESIRABLE SKILLS / EXPERIENCE

- Knowledge of wastes, and construction materials
- Knowledge of aggregate and waste testing
- Knowledge of ISO 17025
- Knowledge of Analytical Techniques

