

## **LABORATORY ENGINEER**

As the lead UK air conditioning manufacturer, operating from our state-of-the-art 23,000m<sup>2</sup> manufacturing facility in Rawdon, we work hard to be the best. Established in 1974, we have a strong history of innovation and quality that has allowed us to grow and develop into the world leading global company we are today. In the UK alone we have more than 650 employees and we are growing rapidly; as part of the Modine group we employ over 11,000 employees worldwide.

Our equipment supports the way we live and work, whether it be providing precise climate control for data centres that support our digital lives, or comfortable, clean air in hospital wards. Innovation is key to our success and that is why we invest so heavily in our people. We attribute much of our achievement to the quality of engineers, sales, marketing, finance and administration people who have chosen to be part of our team.

### **The Opportunity**

An excellent opportunity has arisen for the position of Laboratory Engineer within the Research & Development department, working with a small team of skilled Laboratory Engineers in the Airedale R&D Laboratory tasked with both research and development prototype testing and customer witness testing.

### **The Role**

The purpose of this role is to:-

- 1) Rigorously test new product lines (and components where necessary) to both industry and in-house standards to ensure they are robust and fit for purpose prior to market release in an effort to minimise potential field failures in line with the Research & Development roadmap.
- 2) Assist in the completion of customer witness tests.

Key duties for this role include:

- Installing of product into the environmental chamber in preparation for testing.
- Operating, maintaining and house-keeping of applicable environmental chamber and accompanying plant.
- Testing of product / components to industry and in-house standards.
- Assisting in the completion of customer witness tests in a professional and timely manner.
- Active involvement with / support of product development projects.
- Identifying / rectifying problems associated with products on test.
- Analysing gathered results.
- Producing high quality technical reports.

### **Job Requirements**

The candidate must:

- Have good attention to detail.
- Be self-motivated.
- Have a professional demeanour.

- Be able to apply logical and rational thought to problems.
- Be able to work under own initiative.
- Be able to learn quickly.
- Be capable of managing time effectively and working to deadlines.
- Be capable of communicating effectively with both internal personnel and external customers.
- Possess sound theoretical and practical understanding of thermodynamics and fluid mechanics.
- \*Possess the knowledge / be competent in the skills required to identify and rectify problems associated with products under test:-
  - Electrical fault finding
  - Refrigeration circuit diagnostics etc...
- \*Be competent in the skills necessary to install a product in preparation for testing:-
  - Brazing
  - Evacuation and refrigerant charging
  - Electrical safety etc...
- Be proficient in the use of Microsoft Office applications, primarily Excel and Word.

\*These skills are desirable but not essential. Where the candidate does not possess these skills, training will be provided.

Training will be provided for the right applicant to develop the skills and knowledge required for the position.

***Prospective candidates must have proof that they have the right to work in the UK.***