ELECTRICAL DESIGN ENGINEER

King's Lynn

THE ROLE

ELECTRICAL DESIGN ENGINEER

We have a highly regarded, expert engineering team, with excellent industry experience. We have an extensive product range of professional commercial refrigeration products supplied to UK and global markets. Our engineering team also provide engineering support to our manufacturing and technical service teams.

The Electrical Design Engineer will report to the Williams Refrigeration Group Refrigeration Manager. You will be an integral part of the Williams UK and Williams International engineering team, working closely with our key suppliers and technical partners.

Electrical design of our products

Working in close association with our refrigeration and production engineering teams, you will be responsible for the overall electrical system design and management of our new product development activities including:-

- Identify new innovations, interpret and translate customer and application needs into new electrical designs to support our new product development
- Design and program the electrical and electronic controls used within our products by working in association with our specialist partners
- Electrical control panel design incorporating 3 phase power supply
- Industrial networking systems and IoT connectivity development
- Electrical loading and technical calculations
- Specification of electrical components

Test & risk assess products for safety, quality, and eco design values

Maintaining accurate temperature control, and optimising energy efficiency are core functions of our product design and performance values. We have leading test facilities, and also work closely with third party test houses to ensure the highest of performance standards are upheld. Our electrical design engineer is required to -

- Ensure products comply with electrical health and safety requirements
- Adhere to UK, EU and International Electrical safety standards
- Maintain electrical safety procedures with the business
- Lead the evaluation and advance of new electronic controller design and appliance testing
- You should have experience of appliance testing & commissioning

Upholding best practice electrical conformity standards

The electrical design engineer is central to upholding our ISO quality, safety and environmental standards. A key element of the role includes the -

- Preparation of electrical documents including Wiring diagrams, control panel layouts and appliance manuals
- Maintain Product technical files for CE / UKCA / ETL and Third Party test house verification
- Defining the regulatory and safety requirements of our product designs to the Low Voltage, EMC and Machinery directives

Electrical engineering support to our manufacturing & technical teams

Provide best electrical work standards and safety advice to colleagues:-

- Conduct electrical safety product audits
- Production line inspections of electrical build standards
- Colleague support and training in best practice electrical work methods
- Periodic on site supervision and fault finding

THE PERSON

This is a key role in our engineering team and a great chance to work within a leading international manufacturing group. We are looking for a candidate who can demonstrate:

- A passion for Electrical Engineering – HNC/ HND or degree in Electrical engineering. C&G NVQ 3 Electrical + electronics Installation to IET BS 7671 18th Edition.
- Highly motivated and confident with a strong understanding of electrical and mechanical engineering principles. Competent in all technical aspects of electrical system design and development.
- Diligent with an attention to detail, with a flexible approach to delivering solutions to electrical engineering, wiring and technical problems.
- Experience of programming PLCs would be an advantage along with knowledge of WS CAD, however, full training will be given to the successful candidate.
- Hands-on management style. Excellent communication skills and the ability to build relationships within the business at all levels. You will be required to provide electrical engineering input and contribution at senior management level.
- A Can Do make it happen person, able to manage a dynamic workload. Commercial awareness and ability to work with precision and pace, in order to meet project timescales and budget objectives.
- Working hours are generally 37.5 per week in line with our King's Lynn Production team being 7:00am to 15:35 Monday to Thursday and 7:00am to 12:10 Friday. These can be negotiated locally to suit.
- This role is based at our King's Lynn head office.

WHY ARE WE RECRUITING?

Due to retirement we are looking for this role replacement. We wish to make an early appointment to provide the best insight and handover opportunity to the successful applicant.

The Electrical Design Engineer will be a key appointment within our engineering team and will play an integral part in contributing to the ongoing growth and continuous improvement of our forward-thinking business.

THE COMPANY

About Williams Refrigeration

Williams Refrigeration is a leading manufacturer and supplier of professional refrigeration appliances, with a reputation for delivering global excellence across diverse market sectors including the foodservice and hospitality industry, public sector, travel and retail channels.

Our head office and UK manufacturing base is located in King's Lynn Norfolk, and we operate wholly owned overseas manufacturing, sales and service operations in France, Dubai, Hong Kong, China and Australia. Williams Refrigeration is one of the principal business brands of AFE Group Ltd.

About AFE Group Ltd

The AFE Group is a leading international business specialising in the innovative design, manufacture and service support of professional cooking, bakery and refrigeration equipment for the global food service market. Our premium brands are some of the best known in the industry.

Our Parent Company - Ali Group Italy

Williams Refrigeration and AFE Group are part of the Ali Group of companies – privately owned and headquartered in Milan, Italy; Ali Group is one of the largest global leaders in the foodservice equipment industry, comprising 80 of the world's leading foodservice equipment brands.

THE REWARD

Competitive Salary (negotiable, depending on experience)
Profit related bonus scheme
Contributory pension scheme
Life assurance cover
Workplace benefits including EAP welfare and wellbeing rewards
22 days holiday (increasing with length of service) + bank holidays
Ongoing training and personal development

Williams Refrigeration
Bryggen Road
North Lynn Industrial Estate
King's Lynn
Norfolk PE30 2HZ
01553 817 000

www.**williams-refrigeration**.co.uk