

Job Title: Senior Electrical Product Engineer

Location: Bridgwater, Somerset, United Kingdom

Schedule: On-site

Reports To: Operations Manager

Company: IHH-VAC, part of the Jamesway Incubator Company umbrella

Company Description

Jamesway Incubator Company Inc. (JIC) is a global provider of commercial Poultry Incubation Products and Services. Jamesway is a privately held company, headquartered in Cambridge, Ontario, Canada and operates subsidiaries in the United States, United Kingdom and China.

Jamesway is a leader in the poultry industry, committed to innovation and excellence. We specialize in developing state-of-the-art incubation products that meet the evolving needs of the poultry sector. Our team is driven by a passion for delivering high-quality, reliable, and innovative solutions that empower our customers.

Today, Jamesway is one of the top three brands worldwide in Poultry Incubation, has a customer base reaching into every corner of the world.

IHH-VAC Ltd is part of Jamesway, a leader in the field of the design and manufacture of commercial poultry incubation systems along with the supporting ventilation and climate control equipment. Jamesway equipment is supplied to a Global market from both our Bridgwater base in Somerset as well as our Canadian operations in Cambridge, Ontario.

Position Description & Scope

As part of our continued growth and development the Senior Electrical Production Engineer will support the design and manufacture of HVAC equipment including new concepts and the refinement of existing design, ensuring compliance with safety standards and electrical engineering codes. This position will also be responsible for the development of electrical engineering specifications and drawings, as well as working with other engineers and departments to ensure the successful implementation of the design.

Position Objectives

Based at our **Bridgwater factory** and reporting to the **Operations Manager**, this role will join a small, dynamic team. Your responsibilities will include:

- Overseeing control panel design, ensuring the manufacturing processes and quality of work is done in a safe and efficient manner to the latest legislation, ensuring that the appropriate electrical regulations are met for the contract end destination.
- Adhere to the specifications and established industry standards of the product while also ensuring that they meet the needs of the consumer.

- Coordinate the component wiring schedule for new contracts, creating and loading the BOM into our MRP system.
- Evaluating and evolving the final product in terms of appearance, performance, functionality, durability, and safety.
- Involved in the developing of the manufacturing processes and developing the supply chains of our key suppliers.
- Determining production cost and strategising the most cost-effective means of production.
- Communicate well with the engineering team to develop, train and implement the products.
- Test equipment prior to despatch which involves connecting all equipment ensuring that it meets the design specification, replicating the final installation on site. This will include using the HMI to check the performance, functionality and feedback from the pump, fans, actuators and sensors. You will trouble shoot to resolve faults, record findings and sign the equipment off for final shipment to our customer.
- Trouble shoot, offering guidance and support to customers with existing hatchery equipment or new installs.
- Keeping abreast of advancements in engineering and production and sharing knowledge with team members.
- Flexibility in supporting other roles within the company.

Knowledge and Skills

Knowledge:

- Knowledge of manufacturing production and processes.
- Sound knowledge of design and electrical engineering principles and best practices.
- Experience using automated control equipment such as PLC'S and VFDs.
- Proven experience of fault finding electrical and mechanical equipment including pumps, fans, sensors, and actuators. This is not an exhaustive list.

Skills:

- Proficiency in 3D such as AutoCAD, Inventor and/or Solidworks.
- PLC programming is an advantage but not essential.
- Strong analytical and problem-solving abilities.
- Exceptional time management and organizational skills.
- Excellent verbal and written communication skills.
- Excellent attention to detail and critically minded.
- The ability to stay abreast of advancements in technology and engineering design trends.
- Ability to be flexible and open to changes.
- Self-motivated with the ability to take ownership working on your own or as part of a team.
- Strong leadership abilities.
- Experience with HVAC equipment and air handling units would be an advantage.
- Proficient in Microsoft office applications.
- Flexibility in supporting other roles within the organization.

Education & Certifications Experience

- HND in electrical engineering is desirable.
- A minimum of 5 years office-based experience as a Senior Electrical Production Engineer.

Why Join Us

- Be part of a team that is dedicated to innovation and excellence in the poultry industry.
- Collaborate with a passionate and skilled team to bring groundbreaking products to market.
- Enjoy opportunities for professional growth and development.
- Competitive salary and benefits package.
- Hybrid work schedule

How to Apply

Interested candidates are invited to submit their resume and a cover letter detailing their qualifications and experience.

Jamesway is an equal-opportunity employer. We celebrate diversity and are committed to creating an inclusive environment for all employees.