



Job Description

Role: Senior Design Engineer : Control Systems

Reporting to : Senior Manager : Engineering

Description:

Working closely with the Senior Engineering Manager, within a team of Electrical, Mechanical and Project Engineers in the generation of detailed designs of automated investment casting systems and equipment.

Duties & Responsibilities:

- Detailed design and development of Automation Systems and Equipment (existing product range).
- Concept and detailed design of new Automation Control Systems and Equipment.
- Detailed design of robotic / computer / control system interfacing.
- Systems engineering of electro mechanical equipment.
- Robot and control system programming and configuration.
- Creation of technical specifications / documentation for the selection and development of equipment.
- Working to product design standards.
- Working to departmental design procedures.
- Provide internal technical product support.

Essential Skills & Experience:

- Extensive control systems design experience.
- Extensive CAD experience; 2D and 3D.
- Ability to effectively present design solutions.
- Self disciplined approach to achieve engineering deadlines and objectives.
- Problem Solving, both as part of a team and individually.
- Strong written communication skills.
- Ability to mentor and guide control system design engineers.

Qualifications:

- B.Eng / M.Eng Electrical, Electronics or Mechatronic degree qualification
- HND / HNC would be considered with additional experience.

Key Attributes:

- Flexible manner to adopt new challenges and input from peers and colleagues.
- Self-driven for progressive and continued learning and development.
- Keen to accept responsibility and accountability.