



## **Mechanical R&D Drafter/Engineer**

### **Job Description:**

- Report to R&D Manager
- Design and prepare manufacturing drawings of electrical switchboards
- Assemble modular drawings base on the panel design
- Perform Weight, Heat loss calculations and Air Flow simulations as required
- Prepare Material Order Lists for Mechanical parts
- Liaise with vendors for Material enquiries
- Work closely with Manufacturing & Production team
- Perform other duties as directed by supervisor

### **Requirements:**

- Minimum Diploma/NITEC in Mechanical Engineering
- Knowledge in BIM, VertexG4 and AutoCad M&E 3D drawings
- Mechanical background with 2D and 3D drafting skills
- Able to read and interpret manufacturing blueprints and specifications, recognize and identify different types of materials/sheet metals used in switchboards
- Proficient in 3D software, flat pattern development, PC skills and able to learn new software applications quickly
- Attention to details with capability of self-checking for accuracy