Design & Drafting

Puchong, Selangor

Department	Reports To	Full Time / Part Time
Production	Senior Supervisor	Full Time

Why this Role matters

The **Design and Drafting Engineer** plays a vital role in creating accurate technical drawings, layouts, and design documentation for low voltage switchgear systems. This position is responsible for transforming engineering concepts into detailed CAD models and drawings that guide manufacturing, assembly, and installation processes. Working closely with the engineering and production teams, the role ensures compliance with technical specifications, industry standards, and client requirements. Proficiency in CAD software, knowledge of electrical systems and standards, and strong attention to detail are essential to produce precise and reliable technical drawings that supports seamless production workflows and timely project delivery.

Where You'll Make an Impact - Key Responsibilities

- **Technical Drawing Development** – Prepare detailed 2D and 3D CAD drawings, wiring diagrams, and panel layouts for low voltage switchgear assemblies in compliance with industry standards and client specifications.
- **Design Coordination** – Collaborate with electrical engineers, project managers, and production teams to interpret design requirements and translate them into accurate technical documentation.
- **Standards Compliance** – Ensure all designs adhere to relevant IEC, ISO, and company-specific standards and guidelines for safety, performance, and manufacturability.
- **BOM Creation & Maintenance** – Generate and maintain accurate Bills of Materials (BOM) linked to engineering drawings, ensuring consistency between design and procurement processes.
- **Design Revision Control** – Manage version control of drawings and documentation throughout the project lifecycle, implementing changes based on feedback or engineering updates.

- **Support Manufacturing** – Provide technical support to production and assembly teams by clarifying designs, resolving discrepancies, and offering practical design solutions.
- **Document Management** – Organize and maintain drawing archives, project files, and design documentation using appropriate file management systems.
- **Continuous Improvement** – Participate in design reviews and contribute to the enhancement of design practices, templates, and standards for greater efficiency and quality.

Are You the One? Here's What We're Looking For

- Diploma or Bachelor's degree in Electrical Engineering or a related technical discipline.
- Strong hands-on experience with CAD software such as AutoCAD Electrical, EPLAN, or SolidWorks Electrical for schematic and panel layout design.
- Sound understanding of low voltage switchgear design, electrical schematics, wiring practices, and panel assembly processes.
- High level of accuracy in drafting and reviewing technical drawings to ensure completeness and compliance.
- Ability to interpret engineering inputs, technical specifications, and translate them into practical, manufacturable designs.
- Proactive in identifying design issues and proposing workable, cost-effective solutions during development or production phases.

Why Us?

At **SRS Power Engineering Sdn Bhd**, we believe that great careers are built where innovation meets dedication. Since our founding in 2002, we have established ourselves as one of Malaysia's leading specialists in medium and low voltage switchgear solutions, delivering safe, reliable, and smart power distribution systems. Guided by our vision to be at the forefront of switchgear technology, we are committed to providing exceptional value through innovation, quality, and service excellence.

Joining our organization means becoming part of a professional and collaborative environment where individual contributions are valued and play a vital role in our collective achievements. We offer opportunities to experts and industry know-how, collaborate with seasoned experts, and engage in challenging projects that will expand

your professional capabilities. If you are ready to contribute your skills to a company shaping the future of power distribution, we invite you to explore your career with us and help us power tomorrow.

We offer a competitive salary, a comprehensive benefits package, and the opportunity to work alongside a dedicated and experienced team. If you have a background in switchgear and related fields, we’d love to hear from you!