

The SYNBONE-Group is an innovative & fast-growing company in the field of surgical education, providing advanced anatomical models and simulators for education and surgical procedures. Our customers represent medical device manufacturers, education institutes, universities, and hospitals in over 80 countries.

Are you a results-driven engineer with expertise in process optimization and continuous improvement? We are seeking a Process Engineer to enhance manufacturing processes, improve product quality, and drive operational efficiency. If you have strong analytical skills, experience with process validation, and a passion for lean manufacturing in a dynamic environment, we want to hear from you!

Process Engineer (Malaysia - Kulai, Johor)

Job Purpose

- Lead and manage the process engineering team.
- Drive efficiency, yield, and output improvements to reduce cost and improve productivity and profitability.
- Design, improve, and standardize manufacturing processes, including maintaining process documentation.
- Ensure all processes comply with safety, quality, and environmental standards.
- Take ownership of production and assembly efficiency, yield, and output performance.

Qualifications and Skills

- **Education & Experience:** Bachelor's degree in Mechanical/Manufacturing/Materials/Chemical Engineering (or related) with proven process/manufacturing engineering experience.
- **Leadership & Work Ethic:** Strong leadership, communication, problem-solving and analytical skills; proactive, independent team player with a "can-do" attitude.
- **Manufacturing Expertise:** Hands-on experience in manufacturing processes (e.g. injection molding, CNC, assembly, casting, additive manufacturing); familiar with DOE, testing, and process validation.
- **Technical & Systems Knowledge:** Familiar with ERP/Business Central (advantage); knowledgeable in environmental, safety practices, and ISO 9001 & ISO 14001 (internal auditor certification an advantage).
- **Communication & IT Skills:** Strong spoken and written Bahasa Malaysia and English; good computer skills.

Principal Duties and Responsibilities

- **Process Design & Improvement:** Design, develop, and improve manufacturing processes including machine settings, tools, jigs/fixtures, layouts, and equipment to meet product requirements.
- **Performance Monitoring & Costing:** Monitor efficiency, yield, and output; prepare accurate manufacturing reports and dashboards; analyze production, labor, and material costs for decision-making.
- **Quality & Testing:** Ensure product and process quality through test method design, standards, monitoring systems, DOE, and internal testing.
- **Project & Problem Management:** Plan, schedule, and manage process improvement projects; troubleshoot product, process, or machine issues and implement countermeasures.
- **Documentation & Team Leadership:** Develop and maintain BOMs, work instructions, process flows, and standards; lead and manage process technicians in documentation and improvement activities.
- **Compliance & Environmental Management:** Ensure compliance with regulatory, legal, safety, and environmental requirements; communicate environmental policies and contribute to environmental management programs.

Benefits & Others

- Internal and/or external trainings for further development.
- Work in an international environment.
- Assured fair performance-based remuneration, based on the grade of work and responsibility.

Application

Please email your covering letter and CV to jaymes.pang@synbone.com.

For further information please do not hesitate to contact Mr. Jaymes Pang at +60 7660 8220 (Ext. 311).