

PR/161129 | Product Engineer - Mattress Industry

Job Information

Recruiter
JAC Recruitment Malaysia

Job ID
1614544

Industry
Other (Manufacturing)

Job Type
Permanent Full-time

Location
Malaysia

Salary
Negotiable, based on experience

Refreshed
November 10th, 2026 07:00

General Requirements

Minimum Experience Level
Over 3 years

Career Level
Mid Career

Minimum English Level
Fluent Level

Minimum Japanese Level
None

Minimum Education Level
Associate Degree/Diploma

Visa Status
No permission to work in Japan required

Job Description

Company Overview
A well-established international company in the home wellness sector, known for delivering innovative lifestyle products that promote healthier and more comfortable living environments.

Job Overview
The Product Engineer (Mattress) will be responsible for supporting the development, evaluation, and improvement of mattress products by translating market requirements into technical specifications. This role focuses on material selection, prototyping, quality assurance, supplier collaboration, and manufacturing support to ensure successful product launches and continuous product enhancement.

Key Responsibilities:

- Translate product concepts, commercial requirements, and market needs into detailed technical specifications, structural mattress designs, and product blueprints.
- Source, evaluate, and test mattress raw materials such as foam, coil systems, fabrics, and related components to ensure product quality, comfort, and durability.
- Lead and support physical prototype development, material validation, and product testing activities from concept

stage through commercialization.

- Assist in pre-mass production audits and quality control evaluations to ensure products meet required standards before launch.
- Work closely with suppliers, manufacturers, OEM/ODM partners, and internal stakeholders to ensure technical requirements and specifications are properly executed.
- Identify and resolve product quality issues through root-cause analysis, corrective actions, and continuous improvement initiatives.
- Drive value engineering and cost optimization efforts while maintaining product performance, comfort, and durability standards.
- Collaborate cross-functionally with Product Management, R&D, Supply Chain, Quality, and other stakeholders to support product development and launch activities.

Key Requirements:

- Bachelor's Degree in Engineering, Material Science, Industrial Engineering, or a related technical field.
- Minimum 3 years of experience in product development, product engineering, quality engineering, or manufacturing within the mattress, bedding, furniture, or soft goods industry.
- Strong knowledge of mattress components, including foam materials, spring/coil systems, fabrics, and ergonomic product design principles.
- Hands-on experience in product prototyping, material evaluation, testing, and product validation processes.
- Experience working directly with suppliers, manufacturers, OEMs/ODMs, and development partners.
- Strong analytical and problem-solving skills, particularly in defect analysis, quality improvement, and technical troubleshooting.
- Good stakeholder management and communication skills with the ability to work across technical and commercial teams.
- Experience in cost optimization, value engineering, and product performance enhancement will be an added advantage.

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Company Description