

Technical DFM Engineer

Job Description

As a Technical DFM Engineer, you will play a critical role at the intersection of concept design, engineering, and operations. You will ensure that innovative product concepts transition seamlessly from R&D into scalable, high-quality production. By defining manufacturability requirements, supporting durability testing, and strengthening quality control processes, you will directly impact product reliability and production excellence.

This role is ideal for an engineer who combines hands-on design expertise with a strong understanding of manufacturing, quality, and scalability

Key Responsibilities

- Ensure a smooth and efficient transfer of newly developed product concepts from R&D to Production.
- Own the DFM planning process, defining production, quality, and product requirements.
- Design products with a strong focus on ease of assembly, manufacturability, and scalability.
- Collaborate closely with external manufacturers, ensuring proper planning, mold quality, and First Article Testing (FAT/FOT).
- Maintain close alignment with design and embedded engineering teams to ensure technical and functional requirements are met.
- Develop, implement, and support test protocols and quality control checkpoints for the QC department.
- Proactively identify risks and improvement opportunities to enhance product durability and production quality.

Quality & DFM Ownership

You will be responsible for leading the DFM phase and quality readiness of new products, including:

- Designing and managing the DFM phase for new product introductions.
- Establishing and maintaining FMEA documentation.
- Reviewing design decisions with a focus on manufacturability, scalability, and mechanical robustness.
- Defining test criteria and writing clear, structured test protocols.
- Implementing quality procedures and supporting their execution.
- Providing project-level leadership for quality control procedures.

Minimum Qualifications

- University-level education in Industrial Design, Mechanical Engineering, or a related field.
- Minimum 3 years of relevant experience in product development or manufacturing engineering.
- Strong experience with SolidWorks.
- Demonstrated affinity with 3D printing and modern manufacturing techniques.
- Experience with force analysis and mechanical simulations.

Preferred Qualifications

- Experience designing wearable electronics.
- Experience validating mechanical performance through real-life testing and measurement.

Organization & Collaboration

- The DFM Engineer is part of the Design Engineering Team.
- Reports directly to the Chief Operating Officer (COO).
- Works closely with Quality Control, Operations, and external manufacturing partners.

What do we offer

- A competitive salary aligned with your experience and expertise.
- 27 vacation days based on a full-time working week (40 hours).
- Holiday allowance of 8%
- Modern pension.
- A warm, informal workspace within a growing organisation
- Working in a technical environment with great products and talented colleagues.
- You can join our cooking club every Thursday for lunch + playing card or board games.

Who are we?

At MANUS, we're redefining what's possible with human-machine interaction. Our next-gen data gloves deliver ultra-precise, drift-free, and occlusion-free hand and finger tracking – capturing even the most subtle movements in real time.

Powered by an advanced EMF tracking system, our technology eliminates common issues like sensor drift and positional offset. That means seamless control, accurate spatial alignment, and zero guesswork – whether you're piloting a robot or training AI.

Our tracking data sets the gold standard for embodied AI. By giving machines access to human-level dexterity, we're enabling them to move, grasp, and interact with the world as naturally as we do.



From robotics and AI to VR, entertainment, and advanced research – the world's most innovative companies trust MANUS to help build the next generation of intelligent systems.

Are you excited about this vacancy? Get in touch with us!

You can send an email to jobs@manus-meta.com

Please make sure to add a recent CV and motivation letter to your application.

We can't wait for your reinforcement at MANUS!