

## MASZAMANIE BIN ABU BAKAR

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Taman Idaman Jiwa 1, Seksyen 30,  
40460, Shah Alam

Date of Birth: 14 July 1976

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### Professional Summary

Dynamic and results-oriented Production Manager with 15+ years of experience in managing large-scale manufacturing operations in regulated industries, including automotive and medical devices. Proven track record of optimizing operational efficiency, ensuring compliance with GMP standards, and leading cross-functional teams. Skilled in Lean Manufacturing, Six Sigma methodologies, and digital transformation initiatives.

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### Key Skills

- Plant Operations Management
- GMP and Regulatory Compliance
- Process Optimization (Lean, Six Sigma)
- Non-Sterile Manufacturing
- Team Leadership and Development
- Budgeting and Cost Control
- Industry 4.0 Implementation
- ETO Sterilization

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### Professional Experience

#### Production Manager

*Medipro (Malaysia) Sdn Bhd, Malaysia*  
(Dec, 2022) – Present

- **Optimized Assembly Efficiency**
  - Spearheaded initiatives to reduce assembly cycle times, achieving a 20% improvement in production efficiency and meeting targeted production goals consistently.
- **Promoted Automation in Manual Processes**
  - Encouraged and coordinated cross-functional teams to transition from manual to automated processes, resulting in enhanced operational efficiency, reduced labor intensity, and improved product consistency.

- **Reduced Product Defects and Claims**
  - Conducted thorough analysis of QA rescreen data and defect trends, implementing corrective and preventive actions (CAPA) that reduced product defects and customer claims
- **Implemented Comprehensive Risk Management**
  - Led and coordinated plant-wide risk management activities, including hazard analysis, contingency planning, and regular risk reviews, ensuring compliance with regulatory standards and operational safety.
- **Managed Procurement for Key Departments**
  - Oversaw and approved all purchase requests from the Production, Engineering, and Validation Departments, ensuring alignment with budgetary constraints and operational priorities.

**Senior Manager (NPI and Operation Department)**

*Texchem Life Sciences Sdn Bhd, Malaysia*

*(Sep, 2019-Sep 2022)*

- Responsibilities for managing complex, strategic new product development programs with diverse cross functional and global customers' core team for medical life sciences molding parts.
- Planning of all project activities including multiple program phases, stage gate control and separate project teams.
- Monitor and oversee overall plan cost savings activities.
- Organize Validation Activities.

**Lead Engineer (CAR Strength Department)**

*Proton Sdn Bhd, Shah Alam (Oct 2013-May 2017)*

*Automotive Manufacturer, Malaysia*

*(Month, Year) – (Month, Year)*

- Conducted structural integrity analyses for vehicle components, achieving a 10% weight reduction while maintaining safety standards.
- Collaborated with cross-functional teams to improve production efficiency in vehicle assembly plants.
- Trained junior engineers on advanced CAE methodologies.

**Senior Engineer (CAR Strength Department)**

*Perodua Sdn Bhd, Shah Alam (June 2000-Sep 2013)*

*Automotive Manufacturer, Malaysia*

*(Month, Year) – (Month, Year)*

Homologation- Engineer: Coordinate in preparation of acquiring Type Approval from local Road & Transport Department, detail as per below,

Collaborating with Packaging, Engineering Design Staff

Coordinating testing to obtain type approval from various countries

Regularly updating Interregs regulations manuals to ensure Engineering Standard and Testing Standards are within contemporary requirements

Results: Type approvals obtained for two models: Perodua Kenari and Perodua Kelisa, for local and overseas

Senior Engineer, R&D DIV, TESTING DEPARTMENT (JULY 2002-JUNE 2013)

CAE Testing and Experimental Task- Senior Engineer:

Execute CAE simulation on various Exterior Parts

Analyze Static Tensile Stiffness on Bumper, Fender, Radiator Grille, Backdoor etc.

Give input to Engineering Design so that the design will endure durability and strength test.

Results: The above parts meet stiffness requirement stipulated by Testing Standards

Model Cars involved on the above achievement: Perodua: Myvi, Viva, Alza.

Prototype Testing and Experimental - Senior Engineer:

Execute Pre Interference on the entire vehicle by means of Digital Mock Up.

Execute Assembly Ability checking on the entire vehicle by means of Digital Mock Up

Execute Fire Hazard checking on the Engine Compartment by means of Digital Mock Up

Achievement: Managed to raise design flaws and communicated with ED with resulted in the correction of the design before Prototype Assembly Checking, thus ensuring part matching during assembly.

Undergone 6 months Prototype Line Training(2003) and regularly visiting Prototype line in Daihatsu Motors, Ikeda City for line process study.

Handle ISO14001 activities for testing group

Lead Line set up for Prototype Assembly

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## **Education**

### **Bachelor's Degree in Mechanical Engineering**

*University of Tokushima, Japan*

*(March 2000)*

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## **Certifications**

- ISO 13485: 2016 (Year) Medical Devices QMS Awareness & Internal Audit
- GMP Compliance for Pharmaceutical Manufacturing (Year)
- Advanced Leadership Program (Year)

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## **Technical Skills**

- ERP Software (SAP)
- Data Analytics Tools (Excel, Power BI)
- Manufacturing Execution Systems (MES)
- OEE

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## **Achievements**

- Increased plant efficiency by 20% through Lean initiatives.
- Reduced production downtime by implementing predictive maintenance strategies.

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## **Languages**

- English (Fluent)
- Malay (Native)
- Japanese (Fluent)

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## **References**

Available upon request.