

# Dhatu Allegra Tsumu

## Produksi - Japanese Speaker

Bekasi, Indonesia

Contact E-mail Only :

[dhatu.allegratsumu@toyo-denso.co.jp](mailto:dhatu.allegratsumu@toyo-denso.co.jp); [allegradhatu@gmail.com](mailto:allegradhatu@gmail.com);



## About Me

With a robust background in engineering, quality assurance, development, and technical production, I am a dedicated and passionate professional eager to pivot my career toward academia as a Lecturer in Mechanical Engineering. I am driven by the opportunity to bridge the crucial gap between academic theory and its practical application in the industry. My hands-on experience in upholding quality standards, spearheading development projects, and optimizing production processes has prepared me to mentor the next generation of engineers, equipping them with both the theoretical excellence and the practical skills necessary to meet the challenges of the modern industrial landscape.

## Riwayat Pekerjaan

### PT. Toyo Denso Indonesia

*Production Staff - Japanese Speaker*

*Dec 2023 — Current*

Monitored and analyzed key production metrics (targets, quality, budget) to ensure operational excellence. Identified and resolved production issues, planned material requirements, and managed capacity and resource allocation. Implemented and enforced Health, Safety, and Environment (HSE) and ISO standards. Initiated and led Kaizen continuous improvement projects and reported comprehensive performance metrics to senior management..

*Document Control & Translator*

*Dec 2022- Dec 2023*

Designing, maintaining, and ensuring the availability of accurate and easy-to-understand company standard documents (SOPs, check sheets, inspection records) to support operations that comply with standards and facilitate the production field management and audit processes.

### PT. DMC Teknologi Indonesia

*Research and Development Interpreter & Design*

*Oct 2021- Dec 2022*

Playing a key role as a liaison between the R&D and Marketing teams in Japan through effective interpretation of weekly meetings. Responsible for translating technical documents, tracing design drawings, compiling work instruction sheets, ordering tools, and planning and monitoring new product trials.

### Eihoukiki Mfg.co.ltd (Japan)

*Technical Internship Machine Operator*

*Jan 2018 — Apr 2021*

Fully responsible for machine operations, tool and die installation, and preventive maintenance. Manage daily production schedules to achieve production targets, ensure optimal product quality, and apply ISO 9001 principles in operational activities.

### PT. Elleair International Manufacturing Indonesia Warehouse Material Operator

*Warehouse Material Operator*

*Nov 2015 — Sep 2017*

Ensuring the availability and distribution of materials for smooth production operations.

### PT. Denso Indonesia

*Production Operator*

*Jul 2013 — Jul 2015*

Manufacturing car air conditioning evaporators on a production line, from the preparation process to the finishing process.

## Education

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Bachelor of Mechanical Engineering, STT Duta Bangsa, 2013 — 2017, Bekasi  
Thesis: ‘Calculation of fabrication time for a 120-metre steel bridge’. IPK 3.22/4.00

Master of Mechanical Engineering, Universitas Pancasila, 2023 — 2025, Jakarta  
Thesis " The effect of punch speed on progressive micro punches on the quality of jaw implant manufacturing".  
IPK 3.72/4.00

## Certifications and Licenses

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Internal Audit of ISO 9001:2015 dan ISO 14001:2015

## Achievements

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Performance Champion of Total Quality management PT DENSO INDONESIA 2014

## Skill

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I possess comprehensive technical expertise, starting with fundamental skills in drawing to read and interpret technical drawings as the primary language of engineering. This expertise forms the basis for mapping and analysing process flows in detail, which I then use to proactively identify and mitigate potential risks through FMEA. When quality issues arise, I am skilled at applying QC 7 Tools for systematic investigation and root cause analysis. This entire approach is supported by strong Data Analysis capabilities, enabling me to transform raw data from processes and inspections into strategic insights for informed decision-making and continuous improvement.