

## DAFTAR PUSTAKA

- Abidin, M. H. Z., Leman, Z., Abidin, Z., Yusof, M., & Khalili, A. (2022). Lean Impact on Manufacturing Productivity: a Case Study of Industrialized Building System (Ibs) Manufacturing Factory. *Jurnal Teknologi*, 84(4), 65–77. <https://doi.org/10.11113/jurnalteknologi.v84.18156>
- Aleksić, A., Tadić, D., Komatina, N., & Nestić, S. (2025). Failure Mode and Effects Analysis Integrated with Multi-Attribute Decision-Making Methods Under Uncertainty: A Systematic Literature Review. *Mathematics*, 13(13), 1–38. <https://doi.org/10.3390/math13132216>
- Amrutha, H., Ajinkya, J., & Surabhi, M. (2021). Application of failure modes and effects analysis (FMEA) in automated spot welding process of an automobile industry: A case study. *Journal of Engineering Education Transformations*, 34(Special Issue), 281–289. <https://doi.org/10.16920/jeet/2021/v34i0/157156>
- Andrianto, D. (2023). Analisis Analisis Produktivitas Dengan Metode Overall Equipment Effectiveness (Oee) Pada Mesin Uh-61. *JUSTI (Jurnal Sistem Dan Teknik Industri)*, 3(3), 315. <https://doi.org/10.30587/justicb.v3i3.5424>
- Ardiansyah, R., Widyaningrum, D., & Jufriyanto, M. (2023). Upaya Perawatan Peralatan Bengkel Alat Berat PT. BMI dengan Metode FMEA. *Jurnal Sains Dan Teknologi*, 5(2), 660–668. <https://doi.org/10.55338/saintek.v5i2.2082>
- Darmalaksana, W. (2020). Metode Penelitian Kualitatif Studi Pustaka dan Studi Lapangan. *MidSens'09 - International Workshop on Middleware Tools, Services and Run-Time Support for Sensor Networks, Co-Located with the 10th ACM/IFIP/USENIX International Middleware Conference*, 1–6. <https://doi.org/10.1145/1658192.1658193>
- Digital, H. (2024). *Artificial intelligence-driven predictive maintenance in manufacturing: Enhancing operational efficiency, minimizing downtime, and optimizing resource utilization Dimple Patil*. 20–24.
- Dwi, A., Wibowo, W., Suef, M., & Karningsih, P. D. (2024). *FTA-FMEA and Pokayoke Analysis to Reduce Stamping Machine Breakdown Time (Issue Icatam)*. Atlantis Press International BV. <https://doi.org/10.2991/978-94-6463-566-9>

- Ervural, B., & Ayaz, H. I. (2023). A fully data-driven FMEA Framework for Risk Assessment on Manufacturing Processes Using a Hybrid Approach. *Engineering Failure Analysis*, 152, 107525.
- Farioli, D., Kaya, E., Fumagalli, A., Cattaneo, P., & Strano, M. (2023). A Data-Based Tool Failure Prevention Approach in Progressive Die Stamping. *Journal of Manufacturing and Materials Processing*, 7(3), 92.
- Gomaa, A. H. (2025). *Enhancing Failure Mode and Effects Analysis with Industry 4.0 ( FMEA 4.0 ): A Comprehensive Review and Strategic Framework*. 14(2). <https://doi.org/10.32692/IJDI-ERET/14.2.2025.250>
- Kevin Gilbert Wohon, Arini Anestesia Purba, & Budiani Fitria Endrawati. (2023). Penjadwalan Perawatan Sparepart Mesin dengan Pendekatan Reliability Centered Maintenance dan Failure Mode Effect Analysis di PT ABC. *Jurnal Teknik Industri*, 13(3), 183–188. <https://doi.org/10.25105/jti.v13i3.19139>
- Klaput, P., Hercík, R., Macháček, Z., Noskievičová, D., Dostál, V., & Vykydal, D. (2024). Mutual combination of selected principles and technologies of Industry 4.0 and quality management methods - case study. *Quality Engineering*, 36(2), 207–226. <https://doi.org/10.1080/08982112.2023.2193895>
- Kusumawati, A., Safitri, S., Amanda Putra, L., & Ramayanti, G. (2024). Analisis Penyebab Kerusakan Mesin Dengan Menggunakan Metode Failure Mode and Effect Analysis (FMEA) Di PT. Sulfindo Adiusaha. *Jurnal InTent*, 7(2), 80–93.
- Lesmana, S. A. (2022). Analysis of Productivity Improvement in Production Process Using the Single Minutes Exchange of Dies (SMED) Method. *International Journal of Engineering Research and Advanced Technology*, 08(01), 06–12. <https://doi.org/10.31695/ijerat.2022.8.1.2>
- M. Ridwan, & Indrawati, S. (2024, May). Product quality control analysis using integrated FMEA and TRIZ in metal stamping industry. In *AIP Conference Proceedings* (Vol. 2891, No. 1, p. 070007). AIP Publishing LLC.
- Muhazir, A., Sinaga, Z., & Yusanto, A. A. (2020). Analisis Penurunan Defect Pada Proses Manufaktur Komponen Kendaraan Bermotor Dengan Metode Failure Mode and Effect Analysis (Fmea). *Jurnal Kajian Teknik Mesin*, 5(2), 66–77.

<https://doi.org/10.52447/jktm.v5i2.2955>

- Nisa, K. S., Melyna, E., Maulana, M. I., & Ridwan, M. A. A. (2023). Perbaikan Kualitas Produksi dengan Metode Failure Mode and Effect Analysis (FMEA) di PT. ABC. *Journal of Community Services in Sustainability*, 1(1), 37–46. <https://doi.org/10.52330/jocss.v1i1.139>
- Pinheiro, J. P., & Farina, P. F. da S. (2024). Failure analysis of hot stamping die. *Tecnologia Em Metalurgia, Materiais e Mineração*, 21, e2993. <https://doi.org/10.4322/2176-1523.20242993>
- Pratama, D. A., & Nugroho, A. J. (2023). Analisis Pproduktivitas Produk Kompor Batik Menggunakan Metode Objective Matrix (Omax) (Studi Kasus Pada Cv Astoetik Indonesia). *SENTRI: Jurnal Riset Ilmiah*, 2(9), 3485–3493. <https://doi.org/10.55681/sentri.v2i9.1487>
- Sadewa, E. D. A., & Wijaya, F. (2022). Menurunkan Waktu Proses Dandori Pada Mesin Vacuum Forming Dengan Metode Dmaic Di Area Produksi Plant 3 Pt. Laksana Teknik Makmur. *Technologic*, 13(2), 81–87.
- Salsabila, N., & Setiafindari, W. (2024). Analisis Efektivitas Mesin Air Jet Loom Menggunakan Metode Overall Equipment Effectiveness Dan Age Replacement Pada Departemen Weaving Pt Primissima. *Industri Inovatif: Jurnal Teknik Industri*, 14(1), 41–49. <https://doi.org/10.36040/industri.v14i1.8934>
- Sihombing, G. (2023). Analisis Penentuan Target Objektif Pemeliharaan Mesin Berdasarkan Kriteria Downtime. 4(2), 78–83.
- Suryo Wibowo, B., & Susanto, N. (2022). Optimasi Produktivitas Proses Produksi (Line Filling) Produk Putty Menggunakan Overall Equipment Effectiveness (Oee) Pada Pt. Xyz. 11(2), 1–9.
- Syaripudin, M., Budiharjo, B., & Rostikawati, D. A. (2022). Usulan Perawatan Mesin Bending 90° Dengan Pendekatan Preventive Maintenance Berdasar Metode Keandalan Dan Fmea Di Pt. Rinnai Indonesia-Cikupa. *Jurnal Ilmiah Teknik Dan Manajemen Industri*, 2(2), 175–184. <https://doi.org/10.46306/tgc.v2i2.36>
- Tertaroza, V. L., Teguh Santoso, D., Setiawan, R., & Sumarjo, J. (2023). Pengukuran Efektivitas Mesin dengan Metode Overall Equipment

Effectiveness Pada Mesin Stamping. *Jurnal Serambi Engineering*, 8(3), 6688–6696. <https://doi.org/10.32672/jse.v8i3.6506>

Wicaksono, H. S., Darmawan, H., & Suwarno, A. (2025). *Analisis Penerapan Metode Fault Tree Analysis ( FTA ) Dan Failure Mode And Effect Analysis ( Fmea ) Pada Proses Stamping Pt Wth. 13*, 36–41.

Wicaksono, P., Hikmah, Y., & Ilmiawani, R. N. (2023). Productivity and Global Value Chains: A Tale from the Indonesian Automobile Sector. *Economies*, 11(10). <https://doi.org/10.3390/economies11100262>

Wulandari, R., Prasetyo, A. S., & Susandika, M. D. (2024). Sources of Indonesia Manufacturing Productivity Growth. *Jurnal Riset Ilmu Ekonomi*, 4(2), 101–114. <https://doi.org/10.23969/jrie.v4i2.90>

Zhang, K., Jia, Z., Bian, R., He, K., & Jia, Z. (2023). Reliability Prediction and FMEA of Loading and Unloading Truss Robot for CNC Punch. *Applied Sciences (Switzerland)*, 13(8). <https://doi.org/10.3390/app13084951>

Zhong, Y., Li, G., Chen, C., & Liu, Y. (2023). Failure Mode and Effects Analysis Method Based on Fermatean Fuzzy Weighted Muirhead Mean Operator. *Applied Soft Computing*, 147, 110789.



KARAWANG