

DAFTAR PUSTAKA

- Aguiar, A. I. (2023). Lowering Mean Time to Recovery (MTTR) in Responding to System Downtime or Outages: An Application of Lean Six Sigma Methodology. *Journal of International Conference on Industrial Engineering and Operations Management*, 150–165. <https://doi.org/10.46254/an13.20230039>
- Agustiandi, D. S. A. (2021). Quality Control Analysis using Six Sigma (DMAIC) Method to Reduce Post Pin Isolator Reject in PT XYZ in Firing Section. *International Journal of Innovative Research in Engineering & Multidisciplinary Physical Sciences*, 9(1), 17–29. <https://doi.org/10.37082/ijirmps.2021.v09i01.003>
- Aytekin, A., Okoth, B. O., Korucuk, S., Mishra, A. R., Memiş, S., Karamaşa, Ç., & Tirkolae, E. B. (2023). Critical success factors of lean six sigma to select the most ideal critical business process using q-ROF CRITIC-ARAS technique: Case study of food business. *Expert Systems with Applications*, 224(April). <https://doi.org/10.1016/j.eswa.2023.120057>
- Daios, A., Xanthopoulos, A., Folinis, D., & Kostavelis, I. (2024). Towards automating stocktaking in warehouses: Challenges, trends, and reliable approaches. *Procedia Computer Science*, 232(2023), 1437–1445. <https://doi.org/10.1016/j.procs.2024.01.142>
- Evander Subagyo, I., Saraswati, D., Trilaksono, T., & Setiawan Kusmulyono, M. (2020). Benefits and Challenges of Dmaic Methodology Implementation in Service Companies: an Exploratory Study. *Jurnal Aplikasi Manajemen*, 18(4), 814–824. <https://doi.org/10.21776/ub.jam.2020.018.04.19>
- Eyzaguirre, L., Chang, C., & Urbina, C. (2024). Decrease the Level of Complaints in a Company of Air Compressors through Lean Manufacturing Based On Dmaic Methodology. *International Journal of Mechanical and Industrial Engineering Conference*, 1–7. <https://doi.org/10.11159/icmie24.104>
- Fahma Apriani, E., Hasanudin, M., & Hamida, N. (2024). Analysis of Waste Production by Applying the Lean Six Sigma Method to Reduce Effects on Micro, Small, and Medium Enterprises (MSMEs) of Convection in Kudus. *KnE Social Sciences*, 2024, 1–15. <https://doi.org/10.18502/kss.v9i17.16306>
- Faturrahman, Muhammad Hafiz, O. (2024). Implementation of Metallurgical Industry Management Using the DMAIC Method.pdf. *Journal of Metallurgi Engineering and Processing Technology*, 4, 10–17. <https://doi.org/https://doi.org/10.31315/jmept>
- Haekal, J. (2021). Application of Lean Six Sigma Approach to Reduce Worker Fatigue in Racking Areas Using DMAIC, VSM, FMEA and ProModel Simulation Methods in Sub Logistic Companies: A Case Study of Indonesia. *International Journal of Engineering Research and Advanced Technology*, 07(06), 01–11. <https://doi.org/10.31695/ijerat.2021.3716>

- Haekal, J. (2022). Quality Control with Failure Mode and Effect Analysis (FMEA) And Fault Tree Analysis (FTA) Methods: Case Study Japanese Multinational Automotive Corporation. *International Journal Of Scientific Advances*, 3(2), 227–234. <https://doi.org/10.51542/ijscia.v3i2.14>
- Hamdan, A., Hamdan, S., Alsyof, I., Murad, N., Abdelrazeq, M., Al-Ali, S., & Bettayeb, M. (2024). Enhancing sustainability performance of universities: A DMAIC approach. *Systems Research and Behavioral Science*, 41(1), 153–172. <https://doi.org/10.1002/sres.2942>
- Hashim, R. M. (2024). Performance Improvement for Additive Manufacturing of Spur Gear via the Define-measure- analyze-improve-control (Dmaic) Method. *Journal of Engineering Research (Malaysia)*, 1–15.
- Imansuri, F., Chayatunnufus, T., Safril, S., Sumasto, F., Purwojatmiko, B. H., & Salati, D. (2024). Reducing Defects Using DMAIC Methodology in an Automotive Industry. *Spektrum Industri*, 22(1), 1–13. <https://doi.org/10.12928/si.v22i1.171>
- Kesumo, S. W., Suprayitno, D., & Latunreng, W. (2024). The Effect of Inventory Control on the Work Productivity of Inventory Division Employees at PT Duta Sentosa Yasa (MR DIY) KBN Marunda. *Sinergi International Journal of Logistics*, 2(1), 1–16. <https://doi.org/10.61194/sijl.v2i1.120>
- Kholil, M. (2024a). Analysis of Product Defects in Stay Horn Parts during the Welding Process Using Fault Tree Analysis (FTA) and Failure Mode and Effects Analysis (FMEA). *International Journal of Scientific and Academic Research*, 04(05), 01–07. <https://doi.org/10.54756/ij sar.2024.8>
- Kholil, M. (2024b). Reducing Wall Shelf Product Defects Using the DMAIC Method in Furniture Industry Companies. *International Journal of Scientific and Academic Research*, 04(06), 08–16. <https://doi.org/10.54756/ij sar.2024.10>
- Mittal, A., Gupta, P., Kumar, V., Al Owad, A., Mahlawat, S., & Singh, S. (2023). The performance improvement analysis using Six Sigma DMAIC methodology: A case study on Indian manufacturing company. *Heliyon*, 9(3), e14625. <https://doi.org/10.1016/j.heliyon.2023.e14625>
- Nsekuye, J. B., Erramli, O., Elouadi, A., Gretete, D., & Mushirabwoba, B. (2024). DMAIC-v2: A Novel Guide to the Improvement of Industrial Processes. *Smart and Sustainable Manufacturing Systems*, 8(1), 24–58. <https://doi.org/10.1520/SSMS20220037>
- Ponsiglione, A. M., Ricciardi, C., Improta, G., Dell'Aversana Orabona, G., Sorrentino, A., Amato, F., & Romano, M. (2021). A six sigma DMAIC methodology as a support tool for health technology assessment of two antibiotics. *Mathematical Biosciences and Engineering*, 18(4), 3469–3490. <https://doi.org/10.3934/MBE.2021174>
- Prahara, R. B., Nur Imam, & Indra Setiawan. (2024). Analysis of crack defects in the hanger welding area using the DMAIC method in the heavy equipment industry. *TEKNOSAINS : Jurnal Sains, Teknologi Dan Informatika*, 11(1), 194–200. <https://doi.org/10.37373/tekno.v11i1.975>

- Pushug, J., Ramírez, L., Simbaña, I., & Saquina, D. (2024). Powder Detergent Packaging Line Improvement by Lean Six Sigma DMAIC Methodology. *Enfoque UTE*, 15(1), 28–35. <https://doi.org/10.29019/enfoqueute.996>
- Raj, S., & Handayati, Y. (2024). Enhancing Quality Management and Continuous Improvement Strategies in Polyester Yarn Production Using Lean Six Sigma DMAIC Methodology: A Case Study of PT Logachan Tekstil. *American International Journal of Business Management*, 07(08), 189–207.
- Ranade, P. B., Reddy, G., Koppal, P., Paithankar, A., & Shevale, S. (2020). Implementation of DMAIC methodology in green sand-casting process. *Materials Today: Proceedings*, 42, 500–507. <https://doi.org/10.1016/j.matpr.2020.10.475>
- Saad, S., Bahadori, R., Khamkham, M., & Adi, K. (2024). the Impact of the Digital Era on the Implementation of the Traditional Six-Sigma Dmaic- a New Dmaise Cycle Development. *International Journal of Industrial Engineering: Theory Applications and Practice*, 31(1), 84–100. <https://doi.org/10.23055/ijietap.2024.31.1.9383>
- Sandora, R., & Maulidya, S. (2024). Analysis of Ovality Deviation of Bending Superheater Tube Boiler Fabrication Process with Six Sigma Method in Manufacturing Company. *Journal of Applied Industrial Engineering*, 07(2), 98–106.
- Setiawan, I., & Setiawan, S. (2020). Defect reduction of roof panel part in the export delivery process using the DMAIC method: a case study. *Jurnal Sistem Dan Manajemen Industri*, 4(2), 108–116. <https://doi.org/10.30656/jsmi.v4i2.2775>
- Sumasto, F., Arliananda, D. A., Imansuri, F., Aisyah, S., & Purwojatmiko, B. H. (2023). Enhancing Automotive Part Quality in SMEs through DMAIC Implementation: A Case Study in Indonesian Automotive Manufacturing. *Quality Innovation Prosperity*, 27(3), 57–74. <https://doi.org/10.12776/QIP.V27I3.1889>
- Sutjipto, D., Fitriana, R., & Sari, P. (2022). Quality Improvement on Speaker Net Products using Six Sigma Method with DMAIC (Case Study at Pt.D). *International Journal of Innovative Science and Research Technology*, 7(8), 1487–1497.
- Thwe, C. T., & Smutkupt, S. (2024). Applying DMAIC Methodology to Reduce Egg Breakage Rates in Small - Scale Production Enterprise in Mandalay Region. *Community and Social Development Journal*, 25(3), 40–57.
- Wang, C. N., Nguyen, T. D., Thi Nguyen, T. T., & Do, N. H. (2024). The performance analysis using Six Sigma DMAIC and integrated MCDM approach: A case study for microlens process in Vietnam. *Journal of Engineering Research (Kuwait)*, April. <https://doi.org/10.1016/j.jer.2024.04.013>
- Žic, J., Žic, S., Đukić, G., & Dabić-Miletić, S. (2024). Exploring Green Inventory Management through Periodic Review Inventory Systems. A Comprehensive Literature Review and Directions for Future Research. *Sustainability (Switzerland)*, 16(13). <https://doi.org/10.3390/su16135544>