

DAFTAR PUSTAKA

- Adji, B.N., Hunusalela, Z.F. and Oktaviani, A. (2020) ‘Penerapan Konsep Lean Manufacturing untuk Rancangan Usulan Perbaikan Minimasi Waste Defect dengan Metode Poka Yoke pada PT. Tetra Mitra Sinergis’, *Jurnal Indonesia Sosial Teknologi*, 1(3), pp. 154–167. Available at: <https://doi.org/10.59141/jist.v1i03.25>.
- Alkarri, S., Naveed, M., Alali, F., Vachon, J., Walworth, A. and Vanderberg, A. (2024) ‘Anti-Microbial, Thermal, Mechanical, and Gas Barrier Properties of Linear Low-Density Polyethylene Extrusion Blow-Molded Bottles’, *Polymers*, 16(13), p. 1914. Available at: <https://doi.org/10.3390/POLYM16131914/S1>.
- Al-Sammerrai, D. and Al-Nidawy, N.K. (2021) ‘Chapter 11. Polyethylene: Synthesis, Properties, and Uses’, in M.P. Groover (ed.) *Fundamentals of Modern Manufacturing: Materials, Processes, and Systems*. 7th Edition. John Wiley & Sons.
- Anggono, A.D. (2005) ‘Prediksi Shrinkage untuk Menghindari Cacat Produk pada Plastic Injection’, *Media Mesin: Majalah Teknik Mesin*, 6(2), pp. 70–77. Available at: <https://doi.org/10.23917/MESIN.V6I2.2895>.
- Arifin, A. and Viyus, V. (2024) ‘Effect of Pressure and Time of Blow Pin on Thickness of Abfal Mouth of 125 ml EL Bottle Extrusion Blow Molding Process’, *Jurnal Teknik Mesin, Industri, Elektro dan Informatika*, 3(3), pp. 367–377. Available at: <https://doi.org/10.55606/jtmei.v3i3.4271>.
- Arisandi, A., Farid, A. and Muskaromah, S. (2020) ‘Pengelolaan Sampah Plastik yang Mencemari Saluran Irigasi Sungai Tonjong Kabupaten Bangkalan Madura’, *Jurnal Ilmiah Pangabdhi*, 6(2), pp. 53–58. Available at: <https://doi.org/10.21107/pangabdhi.v6i2.7493>.

- Arunizal, S., Wardhani, D.H. and Windarta, J. (2024) ‘Penerapan Value Stream Mapping (VSM) untuk Menurunkan Lead Time Process dan Meningkatkan Kinerja Aktivitas Pengadaan di Site Tambang’, *Jurnal Profesi Insinyur Indonesia*, 2(3), pp. 141–150. Available at: <https://doi.org/10.14710/jpii.2024.23282>.
- Aryanti, D.E., Prawoto, A., Pribadi, T. and Robbi, S.D. (2025) ‘Analisa Menurunnya Tekanan Minyak Lumas pada Diesel Generator Hyundai H32/40 di Kapal MV.CMA CGM Verdi dengan Metode Fishbone’, *Jurnal Sosial dan Sains (SOSAINS)*, 5(1), pp. 47–64. Available at: <https://doi.org/10.59188/jurnalsosains.v5i1.31967>.
- Ashasry, Y.N., Kusnadi, K., Nugraha, A.E. and Hamdani, H. (2021) ‘Usulan Perbaikan Kualitas Produk Benang Combed dengan Metode Statistik Peta Kendali X dan R’, *Journal Industrial Servicess*, 7(1), p. 145. Available at: <https://doi.org/10.36055/jiss.v7i1.12258>.
- Astuti, S.P. and Setiawan, E. (2023) *Pengantar dan Analisis Desain Eksperimen Menggunakan MINITAB*. 1st edn. Edited by L. Mayasari. Yogyakarta: CV Andi Offset.
- Basjir, M. and Suhartini (2022) ‘Rancangan Persediaan Bahan Baku Produk Engsel untuk Mengefisiensikan Biaya Proses Produksi’, *Serambi Engineering*, VII(3), pp. 3345–3352. Available at: <https://doi.org/10.32672/jse.v7i3.4265>.
- Belcher, S.L. (2023) ‘Chapter 16. Blow Molding’, in *Applied plastics engineering handbook: processing, sustainability, materials, and applications*. 3rd Edition. William Andrew, pp. 363–388.
- Berihun, E.A. and Bogale, T.M. (2022) ‘Parameter Optimization of PET Plastic Preform Bottles in Injection Molding Process Using Grey-Based Taguchi

Method', *Advances in Materials Science and Engineering*, 2022(5), pp. 1–9. Available at: <https://doi.org/10.1155/2022/4416602>.

Fajaranie, A.S. and Khairi, A.N. (2022) 'Pengamatan Cacat Kemasan Pada Produk Mie Kering Menggunakan Peta Kendali dan Diagram Fishbone di Perusahaan Produsen Mie Kering Semarang, Jawa Tengah', *Jurnal Pengolahan Pangan*, 7(1), pp. 7–13.

Fanani, N., Novianarenti, E., Ningsih, E., Udyani, K., Prayitno, A. and Saputra, D.A. (2021) 'Anova Application To Assess the Effect of Temperature on Value and Yield on Liquid Fuel From HDPE', *Konversi*, 10(1), pp. 41–46. Available at: <https://doi.org/10.20527/k.v10i1.10340>.

Faqih, A. and Jana, P. (2021) 'Pemodelan ARIMA Penderita HIV/AIDS dengan Minitab', *Euclid*, 8(2), pp. 103–112. Available at: <https://doi.org/10.33603/E.V8I2.3312>.

Faritsy, A.Z. Al and Syaifuddin, I. (2023) 'Pengendalian Kualitas Produk Plastik Jenis Polypropylene Menggunakan Metode Seven Tools pada PT.Kusuma Mulia Plasindo Infitec', *Jurnal Ilmiah Teknik Mesin, Elektro dan Komputer*, 3(1), pp. 49–63. Available at: <https://doi.org/10.51903/juritek.v3i1.1130>.

Galuppo, W. de C., Santana, P., Alves, F. and Nóbrega, J.M. (2024) 'Extending the Finite Area Method for enhanced simulation of deformable membranes and its application to extrusion blow moulding', *Thin-Walled Structures*, 203. Available at: <https://doi.org/10.1016/j.tws.2024.112184>.

Gopekar, D.U., Kamble, R.S. and Wankhade, L.N. (2022) 'Overcoming Current Challenges and Implementing Failure Mode and Effect Analysis (FMEA) in small industry for Defect Reduction in Blow-Moulded High-Density Polyethylene (HDPE) Parts', *International Journal of Mechanical Engineering*, 07(08). Available at: <https://doi.org/10.56452/7-8-42>.

- Gunasti, A., Candra, K., Puspita, T., Batara, A. and Ardiansyah, V. (2024) 'Perbandingan Arus Kepadatan Jalan pada Jalan Mastrip (One Way-ANOVA)', *JCEBT*, 8(1). Available at: <https://doi.org/10.31289/jcebt.v8i1.10978>.
- Harianto, R.P. (2024) 'Teknik Pemeliharaan Preventif: Meningkatkan Umur Mesin dalam Industri', *Circle Archive*, 1(6), pp. 1–8.
- Islam, S.S., Lestari, T., Fitriani, A. and Wardani, D.A. (2020) 'Analisis Preventive Maintenance Pada Mesin Produksi dengan Metode Fuzzy FMEA', *JTT (Jurnal Teknologi Terpadu)*, 8(1), pp. 13–20. Available at: <https://doi.org/10.32487/jtt.v8i1.766>.
- ISO 294-4 (2018) 'Plastics — Injection moulding of test specimens of thermoplastic materials — Part 4: Determination of moulding shrinkage'. Available at: <https://www.iso.org/obp/ui/en/#iso:std:iso:294:-4:ed-3:v1:en> (Accessed: 2 February 2025).
- Karaki, A., Hammoud, A., Masad, E., Khraisheh, M., Abdala, A. and Ouederni, M. (2024) 'A Review on Material Extrusion (MEX) of Polyethylene - Challenges, Opportunities, and Future Prospects', *Polymer*, 307, p. 127333. Available at: <https://doi.org/10.1016/J.POLYMER.2024.127333>.
- Khoiri, H.A., Kusuma, Y.A. and Aryaningtyas, F.D. (2024) 'Implementasi Six-Sigma pada Produksi Kain Rayon Lebar PT XYZ', *Performa: Media Ilmiah Teknik Industri*, 23(2), pp. 126–135. Available at: <https://doi.org/10.20961/performa.23.2.85010>.
- Krisnaningsih, E. and Hadi, F. (2020) 'Strategi Mengurangi Produk Cacat pada Pengecatan Boiler Steel Structure dengan Metode Six Sigma Di PT. Cigading Habeam Center', *Jurnal InTent (Jurnal Industri dan Teknologi Terpadu)*, 3(1), pp. 11–24. Available at: <https://doi.org/10.47080/intent.v3i1.796>.

- Manglik, R. (2024) *Plastics Technology*. Uttar Pradesh: EduGorilla Publication.
- MatWeb (2025) *Online Materials Information Resource - MatWeb*, <https://www.matweb.com/>.
- Maulana, M.R., Fatmawati, W. and Bernadhi, B.D. (2022) ‘Analisis Pengendalian Kualitas Produk Cacat dengan Metode Plan, Do, Check, Action (PDCA)’, *JURNAL LOGISTICA*, 1(1), pp. 30–38.
- Minitab (2025) *Data Analysis, Statistical & Process Improvement Tools | Minitab*, <https://www.minitab.com/en-us/>. Available at: <https://www.minitab.com/en-us/> (Accessed: 21 February 2025).
- Moldblade (2021) *Plastic Injection Moulding: Main Defects in Injection Moulded Parts - Moldblade*, <https://moldblade.com/en/plastic-injection-moulding-main-defects-in-injection-moulded-parts/>.
- Monoarfa, M.I., Hariyanto, Y. and Rasyid, A. (2021) ‘Analisis Penyebab Bottleneck pada Aliran Produksi Briquette Charcoal dengan Menggunakan Diagram Tulang Ikan’, *Jambura Industrial Review*, 1(1), pp. 15–21. Available at: <https://doi.org/10.37905/jirev.v1i1.8217>.
- Mukras, S.M.S. (2020) ‘Experimental-Based Optimization of Injection Molding Process Parameters for Short Product Cycle Time’, *Advances in Polymer Technology*, 2020. Available at: <https://doi.org/10.1155/2020/1309209>.
- Nababan, N.Y., Faizal, A. and Jatnika, M.E. (2020) ‘Usulan Perbaikan Defect pada Sablon Plastik Menggunakan Metode Poka Yoke Di CV. Bayor Print 69’, *Jurnal Ilmiah Teknologi Informasi Terapan*, 6(2), pp. 167–175.
- Nasir, S.M., Shayfull, Z., Sharif, S., Abdellah, A.E. hadj, Fathullah, M. and Noriman, N.Z. (2021) ‘Evaluation of shrinkage and weld line strength of thick flat part in injection moulding process’, *Journal of the Brazilian*

Society of Mechanical Sciences and Engineering, 43(10). Available at: <https://doi.org/10.1007/S40430-021-03060-Y>.

Ncube, L.K., Ude, A.U., Ogunmuyiwa, E.N., Zulkifli, R. and Beas, I.N. (2021) ‘An overview of plasticwaste generation and management in food packaging industries’, *Recycling*, 6(1), pp. 1–25. Available at: <https://doi.org/10.3390/recycling6010012>.

Nugraha, K.A. and Herlina (2021) ‘Klasifikasi Pertanyaan Bidang Akademik Berdasarkan 5W1H Menggunakan K-Nearest Neighbors’, *JEPIN (Jurnal Edukasi dan Penelitian Informatika)*, 7(1), pp. 44–51. Available at: <https://doi.org/10.26418/jp.v7i1.45322>.

Nuralisa, R.A. and Musfiroh, I. (2022) ‘Analisis Kapabilitas Proses Produk Farmasi X dengan Pendekatan Six Sigma di PT Y’, *Majalah Farmasetika*, 7(5), pp. 494–506. Available at: <https://doi.org/10.24198/mfarmasetika.v7i5.40370>.

Nurhaswinda, Zulkifli, A., Gusniati, J., Zulefni, M.S., Afendi, R.A., Asni, W. and Fitriani, Y. (2025) ‘Tutorial Uji Normalitas dan Uji Homogenitas dengan menggunakan Aplikasi SPSS’, *Jurnal Cahaya Nusantara*, 1(2), pp. 55–68.

Nurrohman, A.S., Najmurijal, M.F., Pramuja, I.S., Maulana, F.A., Virgy, B.A. and Prastyo, Y. (2024) ‘Implementation of POSW in the Packaging Process at PT. SOS to Minimize Waste Defects with the Lean Manufacturing Method 4M1E’, *Review: Journal of Multidisciplinary in Social Sciences*, 1(10), pp. 413–320. Available at: <https://doi.org/10.59422/rjmss.v1i10.673>.

Pfaff, G. (2020) ‘Colorants in plastic applications’, *Physical Sciences Reviews*, 6(2). Available at: <https://doi.org/10.1515/psr-2019-0104>.

PT. Lotte Chemical Titan Nusantara (2023) ‘Product Data Sheet Titanvene HD5502GA’. Jakarta. Available at: www.lottechem.co.id (Accessed: 4 November 2024).

- Putri, D.E. and Rimantho, D. (2022) ‘Analisis Pengendalian Kualitas Menggunakan Kapabilitas Proses Produksi Kantong Semen’, *Jurnal INTECH Teknik Industri Universitas Serang Raya*, 8(1), pp. 35–42. Available at: <https://doi.org/10.30656/INTECH.V8I1.4385>.
- Rahmadani, A.R., Siregar, D.F., Haznamaryalia, S. and Yulianti, W. (2023) ‘Penerapan Metode Poka Yoke dalam Proses Penyortiran Baju Blazer di CV IM Project’, *Jurnal Ilmiah Teknologi Informasi Terapan*, 9(2). Available at: <https://doi.org/10.33197/jitter.vol9.iss2.2023.1001>.
- Rofiq, M. and Darmawan, I.A. (2022) ‘Preventive Maintenance Electrical C-2B Belt Conveyor di PT. Indonesia Power PLTU Banten 3 Lontar OMU’, *Jurnal Sains dan Teknologi (SAINTEK)*, 1(2), pp. 01–09.
- Safrotulloh, M. and Gumindari, S. (2021) ‘Aplikasi Konsep Pemikiran Kaoru Ishikawa Melalui Diagram Fishbone Dalam Meningkatkan Mutu Siswa (Studi Kasus di DTA Al-Hidayah Dukupuntang)’, *Edulead : Journal of Education Management*, 2(2), pp. 113–126.
- Sari, C.K. (2023) ‘Evaluasi Efisiensi Ekonomi dan Dampak Investasi dari Penerapan Metode Pembelajaran Praktikum Fisika dalam Meningkatkan hasil Belajar Siswa di SMA Negeri 2 Lhokseumawe’, *Journal of Law and Economics*, 2(2), pp. 72–79. Available at: <https://doi.org/10.56347/JLE.V2I2.188>.
- Saroji (2020) *Modul pembelajaran SMA fisika kelas X: besaran dan pengukuran fisika*. Jakarta: Direktorat SMA, Direktorat Jenderal PAUD, DIKDAS dan DIKMEN . Available at: https://repositori.kemdikbud.go.id/21883/1/X_Fisika_KD-3.2_Final.pdf (Accessed: 7 April 2025).

- Sianturi, R. (2022) 'Uji Homogenitas sebagai Syarat Pengujian Analisis', *Jurnal Pendidikan, Sains Sosial, dan Agama*, 8(1), pp. 386–397. Available at: <https://doi.org/10.53565/PSSA.V8I1.507>.
- Stanley, J., John, A., Črešnar, K.P., Zemljič, L.F., Lambropoulou, D.A. and Bikiaris, D.N. (2023) 'Active Agents Incorporated in Polymeric Substrates to Enhance Antibacterial and Antioxidant Properties in Food Packaging Applications', *Macromol*, 3(1), pp. 1–27. Available at: <https://doi.org/10.3390/macromol3010001>.
- Subekti, A.T. (2020) 'Analisis Pengendalian Kualitas Kernel dengan Metode Peta Kontrol x-R Pada PT. Inti Indosawit Subur', *Jurnal Inovator*, 3(2), pp. 25–31. Available at: <https://doi.org/10.37338/JI.V3I2.135>.
- Sugiyanto, D., Chan, Y. and Taoupik, A. (2023) 'Pengaruh Temperatur dan Tekanan Terhadap Hasil Cetakan Polypropylene Menggunakan Mesin Injection Molding Vertikal', *Jurnal Konversi Energi dan Manufaktur*, 8(2), pp. 131–141.
- Suhendra, Fitra, A., Wiyatno, T.N., Julianoro, K.B. and Maryadi, D. (2024) 'Aplikasi Metode Poka Yoke Untuk Mencegah Kontaminasi Produk Pada Industri Cat di Indonesia', *Jurnal Informasi dan Teknologi*, 5(4), pp. 298–304. Available at: <https://doi.org/10.60083/jidt.v5i4.456>.
- Sulianta, F. (2024) *Diagram Fishbone untuk Berbagai Kebutuhan*. Available at: <https://www.researchgate.net/publication/385503999>.
- Susanti, E., Dwipurwani, O., Sitepu, R. and Cahyawati, D. (2020) 'Pengenalan Software Minitab Kepada Guru-Guru di Wilayah Gugus II Indralaya Kabupaten Ogan Ilir Sumatera Selatan', *Jurnal Pemberdayaan: Publikasi Hasil Pengabdian Kepada Masyarakat*, 4(3), pp. 267–274. Available at: <https://doi.org/10.12928/JP.V4I3.1224>.

- Talenta, S.P. and Al-Faritsy, A.Z. (2022) 'Penggunaan Metode DMAIC Dan Poka Yoke Dalam Meminimalkan Terjadinya Cacat Produk Manhole Cover', *Jurnal DISPROTEK*, 13(2), pp. 154–161. Available at: <https://doi.org/10.34001/jdpt.v12i2>.
- Triana, N.E. (2021) 'Improved Productivity of Document Verification Process Using the Lean Sigma Method', *International Journal Of Scientific Advances*, 2(4), pp. 470–474. Available at: <https://doi.org/10.51542/ijscia.v2i4.1>.
- Tumpu, M., Rahmat, R., Siahaan, J.P., Priharanto, Y.E., Abrori, M.Z.L., Demianto, B., Haris, D. and Murtono, A. (2022) 'Kajian Perawatan Sistem Pelumasan Guna Menunjang Kinerja Mesin Induk Kapal Ikan KM. Sumber Baru', *Aurelia Journal*, 4(1), pp. 19–27. Available at: <https://doi.org/10.15578/aj.v4i1.11080>.
- Ullah, J., Harkin-Jones, E., McIlhagger, A., Magee, C., Tormey, D., Dave, F., Sherlock, R. and Dixon, D. (2022) 'The effect of masterbatch pigments on the crystallisation, morphology, and shrinkage behaviour of Isotactic Polypropylene', *Journal of Polymer Research*, 29(5), p. 183. Available at: <https://doi.org/10.1007/s10965-022-03028-z>.
- Usmadi (2020) 'Pengujian Persyaratan Analisis (Uji Homogenitas dan Uji Normalitas)', *Inovasi Pendidikan*, 7(1), pp. 50–62. Available at: <https://doi.org/10.31869/IP.V7I1.2281>.
- Wicaksono, A. and Yuamita, F. (2022) 'Pengendalian Kualitas Produksi Sarden Menggunakan Metode Failure Mode and Effect Analysis (FMEA) dan Fault Tree Analysis (FTA) untuk Meminimalkan Cacat Kaleng di PT XYZ', *Jurnal Teknologi dan Manajemen Industri Terapan (JTMIT)*, 1(3), pp. 145–154. Available at: <https://doi.org/10.55826/tmit.v1iIII.44>.

- Widyaningtyas, S. (2021) ‘Analisis Pengendalian Kualitas Mutu Statistik Kemasan Susu Pasteurisasi’, *Jurnal Ilmiah Teknik dan Manajemen Industri*, 4(1), pp. 2685–6123. Available at: <https://doi.org/10.32493/jitmi.v4i2.y2021.p%25p>.
- Xiao, C.L., Hopmann, C. and Kahve, C.E. (2023) ‘Development of variotherm extrusion blow molding technology to produce high-gloss automotive spoilers’, *Journal of Polymer Engineering*, 43(5), pp. 465–474. Available at: <https://doi.org/10.1515/polyeng-2023-0002>.
- Yankang (2023) *Blow Molding Machine Preventive Maintenance Plan - Yankang Plastic Machinery*, <https://www.watertankmachine.com/Blow-Molding-Machine-Preventive-Maintenance-Plan-id43781727.html>. Available at: <https://www.watertankmachine.com/Blow-Molding-Machine-Preventive-Maintenance-Plan-id43781727.html> (Accessed: 19 February 2025).
- Zakaria, T., Wirawati, S.M. and Mutawali, M.M. (2022) ‘Usulan Perbaikan Mesin Crusher CDS-V2 dengan Metode FMEA Dan Poka-Yoke di PT. XYZ’, *Jurnal InTent (Jurnal Industri dan Teknologi Terpadu)*, 5(2), pp. 36–49.