

DAFTAR PUSTAKA

- Abdullah, F., & Husain, M. K. A. (2024). Failure Mode and Effect Criticality Analysis using Multi-Perspective Fuzzy Rule-Based Method: A Case Study on Refinery Catalyst Slide Valve. 12.
- Adel, A. A., Ahmad, R., Badiea, A. M., & Mustafa, S. A. (2023). Application of fuzzy failure mode, effect and criticality analysis (fuzzy FMECA) with extended rule of criticality ranking assessment: A case study in ghee and soap industry. 040039. <https://doi.org/10.1063/5.0117689>
- Azwir, H. H., Wicaksono, A. I., & Oemar, H. (2020). Manajemen Perawatan Menggunakan Metode RCM Pada Mesin Produksi Kertas. *Jurnal Optimasi Sistem Industri*, 19(1), 12–21. <https://doi.org/10.25077/josi.v19.n1.p12-21.2020>
- Balaraju, J., Govinda Raj, M., & Murthy, C. S. (2019). Fuzzy-FMEA risk evaluation approach for LHD machine-A case study. *Journal of Sustainable Mining*, 18(4), 257–268. <https://doi.org/10.1016/j.jsm.2019.08.002>
- Ben-Daya, M., & Duffuaa, S. O. (1995). Maintenance and quality: The missing link. *Journal of Quality in Maintenance Engineering*, 1(1), 20–26. <https://doi.org/10.1108/13552519510083110>
- Benhanifia, A., Cheikh, Z. B., Oliveira, P. M., Valente, A., & Lima, J. (2025). Systematic review of predictive maintenance practices in the manufacturing sector. *Intelligent Systems with Applications*, 26, 200501. <https://doi.org/10.1016/j.iswa.2025.200501>
- Cao, C., Li, M., Li, Y., & Sun, Y. (2018). Intelligent fault diagnosis of hot die forging press based on binary decision diagram and fault tree analysis.

Procedia Manufacturing, 15, 459–466.
<https://doi.org/10.1016/j.promfg.2018.07.244>

Chin, K.-S., Wang, Y.-M., Ka Kwai Poon, G., & Yang, J.-B. (2009). Failure mode and effects analysis using a group-based evidential reasoning approach. *Computers & Operations Research*, 36(6), 1768–1779.
<https://doi.org/10.1016/j.cor.2008.05.002>

Dhamayanti, D. S., Alhilman, J., & Athari, N. (2016). USULAN PREVENTIVE MAINTENANCE PADA MESIN KOMORI LS440 DENGAN MENGGUNAKAN METODE RELIABILITY CENTERED MAINTENANCE (RCM II) DAN RISK BASED MAINTENANCE (RBM) DI PT ABC. *Jurnal Rekayasa Sistem & Industri (JRSI)*, 3(02), 31.
<https://doi.org/10.25124/jrsi.v3i02.29>

Dhillon, B. S. (2006). *Maintainability, Maintenance, and Reliability for Engineers* (0 ed.). CRC Press. <https://doi.org/10.1201/9781420006780>

Ebeling, C. E. (2019). *An introduction to reliability and maintainability engineering* (Third edition). Waveland Press, Inc.

ElKasrawy, N. H., Farouk, H. A., & Youssef, Y. M. (2025). Maintenance optimization based on modified FMECA: A case study applied to a spinning factory. *International Journal of System Assurance Engineering and Management*, 16(1), 73–88. <https://doi.org/10.1007/s13198-024-02617-z>

Elsayed, E. A. (2012). *Reliability Engineering*.

Erbiyik, H. (2023). Definition of Maintenance and Maintenance Types with Due Care on Preventive Maintenance. In G. Lambert-Torres, E. Leandro Bonaldi, & L. Eli De Lacerda De Oliveira (Eds.), *Maintenance Management—*

Current Challenges, New Developments, and Future Directions.
IntechOpen. <https://doi.org/10.5772/intechopen.106346>

Faizzah, M. R., Muti, A. A., & HarisTanti, S. N. M. (2025). Enhancing Kiln Reliability in Cement Industry Using RCM II and FMEA. *International Journal of Innovation in Mechanical Engineering and Advanced Materials*, 7, 139–147.

Iadanza, E., Zacchia, M., Pennati, D., Manetti, L., Bocchi, L., & Gherardelli, M. (2021). Fuzzy FMECA Process Analysis for Managing the Risks in the Lifecycle of a CBCT Scanner. *IEEE Access*, 9, 135723–135741. <https://doi.org/10.1109/ACCESS.2021.3117703>

Iannone, R., & Elena, M. (2013). Managing OEE to Optimize Factory Performance. In M. Schiraldi (Ed.), *Operations Management*. InTech. <https://doi.org/10.5772/55322>

Juniawan, S., Jaqin, C., Prabowo, H. A., Roysen, U., Alam, F., & Daruki, D. (2024). Implementation of Reliability Centered Maintenance (RCM) with Fuzzy Logic in Eliminating Off-Hangar Maintenance on Narrow Body Aircraft. *Jurnal Teknologi*, 16(1), 137. <https://doi.org/10.24853/jurtek.16.1.137-152>

Karim, M. R. (2025). OPTIMIZING MAINTENANCE STRATEGIES IN SMART MANUFACTURING: A SYSTEMATIC REVIEW OF LEAN PRACTICES, TOTAL PRODUCTIVE MAINTENANCE (TPM), AND DIGITAL RELIABILITY. *Review of Applied Science and Technology*, 04(02), 176–206. <https://doi.org/10.63125/np7nnf78>

Kemenperin. (2018). Making Indonesia 4.0.

Kemenperin. (2021). Laporan Triwulan IV.

Kusuma, T. Y. T., Assagaf, M. K., & Amijaya, F. D. T. (2021). Planning Activities and Maintenance Time Intervals of Induction Machines using The Reliability Centered Maintenance (RCM) II and Age Replacement Method: Case Study: CV. Sumber Baja Perkasa. International Conference on Science and Engineering (ICSE-UIN-SUKA 2021).
<https://doi.org/10.2991/aer.k.211222.030>

Looney, S. W., & Gulledge, T. R. (1985). Probability Plotting Positions and Goodness of Fit for the Normal Distribution. *The Statistician*, 34(3), 297.
<https://doi.org/10.2307/2987656>

Mobley, R. K., Higgins, L. R., Wikoff, D. J., Franklin, S., Nevenhoven, J., Heisler, R., Dabbs, T., Williamsen, M., Wilson, W., Gober, T. A., Fei, R., Wesner, B., Call, R., Emeneker, A., Kister, T., Cray, J., Isenhour, S., Mapes, D. R., McNeil, D. J., ... Hinkel, J. E. (Eds.). (2008). *Maintenance engineering handbook* (7th ed). McGraw-Hill.

Moubray, J. (1997). *Reliability Centered Maintenance II*.

Nelson, W. (2005). *Applied life data analysis*. Wiley-Interscience.
<https://doi.org/10.1002/0471725234>

Nugroho, W., & Sukmono, T. (2024). IMPLEMENTATION OF RELIABILITY CENTERED MAINTENANCE (RCM) II IN PACKAGING INDUSTRY PRODUCTION MACHINERY MAINTENANCE ACTIVITIES. 1.

Pamungkas, I. B., Rachmat, H., & Kurniawati, A. (2014). PENGEMBANGAN PROGRAM PREVENTIVE MAINTENANCE DENGAN MENGGUNAKAN METODE RELIABILITY CENTERED MAINTENANCE (RCM II) DAN PERHITUNGAN OVERALL

EQUIPMENT EFFECTIVENESS (OEE) DI PLANT AMMONIA PT
PUPUK KUJANG 1A. 1.

- Qaid, A. A. A., Ahmad, R., Mustafa, S. A., & Mohammed, B. A. (2024). A systematic reliability-centred maintenance framework with fuzzy computational integration – a case study of manufacturing process machinery. *Journal of Quality in Maintenance Engineering*, 30(2), 456–492. <https://doi.org/10.1108/JQME-04-2022-0021>
- Rachman, T., Watunglawar, D. N., Amperajaya, M. D., Adnan, R., & Sriwana, I. K. (2022). Penentuan Interval Waktu Penggantian dan Perbaikan Komponen Kritis Mesin Bubut Type SS-850 di PT. Hamdan Jaya Makmur Dengan Metode Age Replacement.
- Raju, S., Kamble, H. A., Srinivasaiah, R., & Swamy, D. R. (2022). Anatomization of the overall equipment effectiveness (OEE) for various machines in a tool and die shop. *Journal of Intelligent Manufacturing and Special Equipment*, 3(1), 97–105. <https://doi.org/10.1108/JIMSE-01-2022-0004>
- Savino, M. M., Brun, A., & Riccio, C. (2011). Integrated system for maintenance and safety management through FMECA principles and fuzzy inference engine. *European J. of Industrial Engineering*, 5(2), 132. <https://doi.org/10.1504/EJIE.2011.039870>
- Sharma, K. D., & Srivastava, S. (2018). Failure Mode and Effect Analysis (FMEA) Implementation: A Literature Review. *Journal of Advance Research in Aeronautics and Space Science*, 5, 1–17.

- Sharma, R. K., Kumar, D., & Kumar, P. (2005). Emerald Article: Systematic failure mode effect analysis (FMEA) using fuzzy linguistic modelling. International Journal of Quality & Reliability Management.
- Srivastava, N. K., & Mondal, S. (2015). Predictive maintenance using modified FMECA method. International Journal of Productivity and Quality Management, 16(3), 267. <https://doi.org/10.1504/IJPQM.2015.071521>
- Ullah, M. R., Molla, S., Siddique, I. M., Siddique, A. A., & Abedin, Md. M. (2023). Optimizing Performance: A Deep Dive into Overall Equipment Effectiveness (OEE) for Operational Excellence. Journal of Industrial Mechanics, 8(3), 26–40. <https://doi.org/10.46610/JoIM.2023.v08i03.004>
- U.S. Department of Defense. (1980). Procedures for performing a failure mode, effects and criticality analysis (MIL-STD-1629A).
- Wang, H., & Pham, H. (2006). Reliability and Optimal Maintenance. Springer-Verlag. <https://doi.org/10.1007/1-84628-245-4>