UNIVERSITAS
GADJAH MADA
ANALISIS DAN MITIGASI RISIKO PENGOPERASIAN KENDARAAN PEMELIHARAAN LISTRIK ALIRAN ATAS (KPLA) DI DAERAH OPERASI 6 YOGYAKARTA
Henry Haskarya, Luluk Lusiantoro Luluk Lusiantoro, S.E., M.Sc., Ph.D.
Universitas Gadjah Mada, 2026 | Diunduh dari http://etd.repository.ugm.ac.id/

DAFTAR PUSTAKA

Ahsen, A. von, Petruschke, L., & Frick, N. (2022). Sustainability Failure Mode and Effects Analysis – A systematic literature review. *Journal of Cleaner Production*, *363*, 132413–132413. https://doi.org/10.1016/j.jclepro.2022.132413

Aldrin, S., Erfianto, & Subastian, D. (2022). Efektifitas dan Efisiensi Pemeliharaan Jalan Rel Menggunakan HTT (Hand Tie Temper) dan MTT (Multi Tie Temper) di Petak Jalan Serpong - Cisauk Effectiveness and Efficiency of Railway Maintenance Using HTT (Hand Tie Temper) and MTT (Multi Tie Temper) at Serpong - Cisauk Road Power Plant.

Asllani, A., Lari, A., & Lari, N. (2018). Strengthening information technology security through the failure modes and effects analysis approach. International Journal of Quality Innovation, 4(1). https://doi.org/10.1186/s40887-018-0025-1

Bell, E., Bryman, A., & Harley, B. (2022). Business Research Methods. In Oxford University Press eBooks. Oxford University Press. https://doi.org/10.1093/hebz/9780198869443.001.0001

Berrado, A., El-Koursi, E.-M., Cherkaoui, A., & Khaddour, M. (2011). A Framework for Risk Management in Railway Sector.

Brahimi, M., Medjaher, K., Leouatni, M., & Zerhouni, N. (2020). Prognostics and Health Management for an Overhead Contact Line System - A Review. International Journal of Prognostics and Health Management, 8(3). https://doi.org/10.36001/ijphm.2017.v8i3.2665

Du, J., Li, J.-P., Chaplin, G., Gardiner, A., & Hu, F.-Y. (2023). Failure Mode Analysis and Maintenance of Railway Overhead Line Rigid Stainless Steel Droppers and Multi-Strand Copper Jumpers. IET Electrical Systems in Transportation, 2023(1). https://doi.org/10.1049/2023/8858919

Dwiatmoko, H. (2019). Peran Infrastruktur Perkeretaapian bagi Pertumbuhan Ekonomi Wilayah. Jurnal Manejemen Aset Infrastruktur & Fasilitas, 3(2). https://doi.org/10.12962/j26151847.v3i2.5883

Gołębiowski, P., Góra, I., & Bolzhelarskyi, Y. (2023). Risk assessment in railway rolling stock planning. Archives of Transport, 65(1), 137–154. https://doi.org/10.5604/01.3001.0016.2817

Hendra, F., Mohammad, R., Amrin, A., Maarop, N., & Zagloel, T. Y. M. (2024). Systematic Literature Review of Risk Assessment Techniques, Standard and

UNIVERSITAS
GADJAH MADA
ANALISIS DAN MITIGASI RISIKO PENGOPERASIAN KENDARAAN PEMELIHARAAN LISTRIK ALIRAN ATAS (KPLA) DI DAERAH OPERASI 6 YOGYAKARTA
Henry Haskarya, Luluk Lusiantoro Luluk Lusiantoro, S.E., M.Sc., Ph.D.
Universitas Gadjah Mada, 2026 | Diunduh dari http://etd.repository.ugm.ac.id/

Guidelines for Railway. International Journal of Technology, 15(4), 1148–1148. https://doi.org/10.14716/ijtech.v15i4.6384

Khan, S., Pervez, A., Zhang, Y., Ahmad, S., Sharifzada, H., Ismail, E. A. A., & Awwad, F. A. (2024). Comprehensive risk assessment of Pakistan railway network: A semi-quantitative risk matrix approach. Heliyon, 10(12). https://doi.org/10.1016/j.heliyon.2024.e32682

Kurniawan, G. P., Shalikhah, S. Z., Shofiati, H., Azizah, N. N., & Mochtar, M. (2021). Analisis Permasalahan Transportasi di Perkotaan: Studi Kasus pada Kawasan Perkotaan Yogyakarta. Jurnal Tana Mana, 2(1), 44–49. https://doi.org/10.33648/jtm.v2i1.119

Leśniak, A., & Janowiec, F. (2019). Risk Assessment of Additional Works in Railway Construction Investments Using the Bayes Network. Sustainability, 11(19), 5388–5388. https://doi.org/10.3390/su11195388

Lidén, T. (2020). Coordinating maintenance windows and train traffic: a case study. Public Transport, 12(2), 261–298. https://doi.org/10.1007/s12469-020-00232-2

Maulana, A. A., Puja, I. G. N. W., & Wicaksono, S. (2024). FAILURE MODES AND EFFECTS ANALYSIS (FMEA) ON TRACK INFRASTRUCTURE INTEGRITY ASSESSMENT. Jurnal Rekayasa Mesin, 15(3), 1665–1679. https://doi.org/10.21776/jrm.v15i3.1855

Moreira, A. C., Ferreira, L. M. D. F., & Silva, P. (2020). A case study on FMEA-based improvement for managing new product development risk. International Journal of Quality & Reliability Management, 38(5), 1130–1148. https://doi.org/10.1108/ijqrm-06-2020-0201

Muhendra, R., Fadhlurrohman, Z., Adi, F. I. P., Sinaga, Z., & Turseno, A. (2026). A predictive safety and maintenance framework for railway locomotives: integrating HAZOP, FMEA, and IoT-based risk mitigation. SINERGI, 30(1), 147–147. https://doi.org/10.22441/sinergi.2026.1.014

Nasrallah, I., Sabbah, I., Haddad, C., Ismaiil, L., Kotaich, J., Salameh, P., Kak, A. EL., Nasr, R., & Bawab, W. (2023). Evaluating the academic scientific laboratories' safety by applying failure mode and effect analysis (FMEA) at the public university in Lebanon. Heliyon, 9(12). https://doi.org/10.1016/j.heliyon.2023.e21145

Nedeliaková, E., Hranický, M. P., & Valla, M. (2022). Risk identification methodology regarding the safety and quality of railway services. Production Engineering Archives, 28(1), 21–29. https://doi.org/10.30657/pea.2022.28.03

UNIVERSITAS
GADJAH MADA
ANALISIS DAN MITIGASI RISIKO PENGOPERASIAN KENDARAAN PEMELIHARAAN LISTRIK ALIRAN ATAS (KPLA) DI DAERAH OPERASI 6 YOGYAKARTA
Henry Haskarya, Luluk Lusiantoro Luluk Lusiantoro, S.E., M.Sc., Ph.D.
Universitas Gadjah Mada, 2026 | Diunduh dari http://etd.repository.ugm.ac.id/

Pinto, J. K. (2003). Project Management: Achieving Competitive Advantage. http://digitool.hbz-nrw.de:1801/webclient/DeliveryManager?pid=3327453&custom_att_2=simple_viewer

Prasetiyo, E. R., Wicaksono, S., Rachmilda, T. D., & Virdyawan, V. (2025). Reliability Improvement Of Overhead Catenary System For Electric Train: A Review. Jurnal Perkeretaapian Indonesia (Indonesian Railway Journal), 9(1), 44–56. https://doi.org/10.37367/jpi.v9i1.316

Procházková, D., Kertis, T., & Procházka, J. (2023). Methodology for Processing the Risk Management Plan for Selected Assets of Transport Infrastructure. 1910–1917. https://doi.org/10.3850/978-981-18-8071-1_p170-cd

Rahimdel, M. J., & Ghodrati, B. (2021). Risk Prioritization for Failure Modes in Mining Railcars. Sustainability, 13(11), 6195–6195. https://doi.org/10.3390/su13116195

Rahman, M., Liu, H., Durazo-Cardenas, I., Starr, A., Hall, A., & Anderson, R. (2023). A Review on the Prospects of Mobile Manipulators for Smart Maintenance of Railway Track. Applied Sciences, 13(11), 6484–6484. https://doi.org/10.3390/app13116484

Rahmayana, P. E., & Purba, H. H. (2019). Risk Management In Railway During Operation And Maintenance Period: A Literature Review [Review Of Risk Management In Railway During Operation And Maintenance Period: A Literature Review]. International Journal of Engineering Applied Sciences and Technology, 4(4), 29–35. IJEAST. https://doi.org/10.33564/ijeast.2019.v04i04.005

Salah, B., Alnahhal, M., & Ali, M. (2023). Risk prioritization using a modified FMEA analysis in industry 4.0. Journal of Engineering Research, 11(4), 460–468. https://doi.org/10.1016/j.jer.2023.07.001

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. https://www.adrjournalshouse.com/index.php/Jof-aeronautics-space-science/article/view/381

Standar Nasional Indonesia SNI IEC/ISO 31010:2016 Manajemen risiko – Teknik penilaian risiko. (2016).

Szkoda, M., & Satora, M. (2019). The application of failure mode and effects analysis (FMEA) for the risk assessment of changes in the maintenance system of railway vehicles. Technical Transactions, 8, 159–172. https://doi.org/10.4467/2353737xct.19.086.10865

UNIVERSITAS
GADJAH MADA
ANALISIS DAN MITIGASI RISIKO PENGOPERASIAN KENDARAAN PEMELIHARAAN LISTRIK ALIRAN ATAS (KPLA) DI DAERAH OPERASI 6 YOGYAKARTA
Henry Haskarya, Luluk Lusiantoro Luluk Lusiantoro, S.E., M.Sc., Ph.D.
Universitas Gadjah Mada, 2026 | Diunduh dari http://etd.repository.ugm.ac.id/

Xu, shun, Hou, xiaobao, Bing, C., Ma, Z., & Cui, S. (2016). Design of an Electric Road-Rail Vehicle. MATEC Web of Conferences, 77, 1018–1018. https://doi.org/10.1051/matecconf/20167701018

Yuan, Y., & Tang, Y. (2022). Fusion of expert uncertain assessment in FMEA based on the negation of basic probability assignment and evidence distance. Scientific Reports, 12(1). https://doi.org/10.1038/s41598-022-12360-9

Yusnita, R. R., Judijanto, L., Wandani, S. Z., & Asari, A. (2023). Manajemen Risiko.

Zhang, B., Shen, G., Wang, Y., Zhang, Y., Zhang, C., Wang, X., Liu, Z. A., & Luo, X. (2025). Multi-Objective Optimization of Speed Profile for Railway Catenary Maintenance Vehicle Operations Based on Improved Non-Dominated Sorting Genetic Algorithm III. Applied Sciences, 15(8), 4361–4361. https://doi.org/10.3390/app15084361

Zhang, Y., & Fom, D. D. (2022). Hazard identification and risk assessment of Abuja rail mass transit. Transportation Safety and Environment, 4(2). https://doi.org/10.1093/tse/tdac014