

## DAFTAR PUSTAKA

- Asih Supriyanto, A., & Syafrizal. (2022). Penentuan Cacat Dengan Metode Ultrasonic Testing. *Jurnal RAMATEKNO*, 2(1), 7–13.
- Chi, D., Xu, Z., & Liu, H. (2024). Detection and Imaging of Corrosion Defects in Steel Structures Based on Ultrasonic Digital Image Processing. *Metals*, 14(4). <https://doi.org/10.3390/met14040390>
- Chohan, I. M., Ahmad, A., Sallih, N., Bheel, N., Salilew, W. M., & Almaliki, A. H. (2024). Effect of seawater salinity , pH , and temperature on external corrosion behavior and microhardness of offshore oil and gas pipeline : RSM modelling and optimization. *Scientific Reports*, 1–18. <https://doi.org/10.1038/s41598-024-67463-2>
- Hageman, T., Andrade, C., & Martínez-pañeda, E. (2023). Electrochimica Acta Corrosion rates under charge-conservation conditions. *Electrochimica Acta*, 461(April), 142624. <https://doi.org/10.1016/j.electacta.2023.142624>
- Kassinis, C., Aresti, L., Koronides, M., Christodoulides, P., Michailides, C., & Onoufriou, T. (2025). *A review on the environment ' s influence on coastal marine steel corrosion and in - situ monitoring*.
- Kažys, R. J., & Tumšys, O. (2021). Simultaneous measurement of thickness and elastic properties of thin plastic films by means of ultrasonic guided waves. *Sensors*, 21(20). <https://doi.org/10.3390/s21206779>
- Kentourachmat, A., Manik, P., & Wibawa, A. (2024). Analisis Pengaruh Tekanan dan Jarak Air Spray Terhadap Ketebalan Coating dan Laju Korosi Pada Baja A36. *Jurnal Teknik Perkapalan*, 12(3), 1–9.
- Mahmuddin, F., Prasetyo, B. E., Alwi, M. R., Hariyanto, S., & Adnan, Y. (2025). *Study on Flow Velocity Effect to Corrosion Rate of Mild Steel*. 1(1), 77–83.
- Martinelli-orlando, F. (2024). *Cathodic protection mechanism of iron and steel in porous media*. 1–10. <https://doi.org/10.1038/s43246-024-00454-y>
- Nelvi Helmania Putri, Siska Dwi Febryani, Rabena Aprilla, & Hilfi Pardi. (2024). Analisis Pengaruh Sifat Kimia Air Laut Terhadap Korosi Logam Dan Pengendaliannya Menggunakan Proteksi Katodik. *Journal of Research and Education Chemistry*, 6(1), 34. [https://doi.org/10.25299/jrec.2024.vol6\(1\).17173](https://doi.org/10.25299/jrec.2024.vol6(1).17173)
- Popa, O., Roșu, A.-M., & Zichil, V. (2021). A Review of Metallic Materials Corrosion. *BULETINUL INSTITUTULUI POLITEHNIC DIN IAȘI. Secția Matematica. Mecanică Teoretică. Fizică*, 67(4), 39–58. <https://doi.org/10.2478/bipmf-2021-0019>

- Pratikno, H., Pradyptia, I. K., & Ikhwani, H. (2021). Effect Analysis on Coating Methods and Corrosive Media Variations toward Adhesion Strength, Corrosion Rate, and Metallography of ASTM A36 Steel with Polyurethane Coating. *International Journal of Offshore and Coastal Engineering*, 5(2), 70. <https://doi.org/10.12962/j2580-0914.v4i4.10933>
- Rakhadilov, B., Magazov, N., Kakimzhanov, D., & Apsezhanova, A. (2024). *Influence of Spraying Process Parameters on the Characteristics of Steel Coatings Produced by Arc Spraying Method*.
- Santosa, A. W. B., Fahrudin, I., Mursid, O., Mulyatno, I. P., & Subekti, J. (2023). Analysis the Effect of Size Variation and Spraying Pressure of Steel Grit on Corrosion Rate of Astm A36 Steel Materials. *International Journal of Marine Engineering Innovation and Research*, 8(1), 88–96. <https://doi.org/10.12962/j25481479.v8i1.15270>
- Shah, J. K., Majhi, S., Mukherjee, A., & Wang, H. (2025). Investigating corrosion-induced deterioration in bolted steel plate joints using guided wave ultrasonic inspection. *Journal of Civil Structural Health Monitoring*, 15(3), 745–758. <https://doi.org/10.1007/s13349-024-00843-4>
- Wijaya, I., Aqila, D., Riastuti, R., & Ramadhani, R. T. (2024). Analysis the Effect of Different Surface Preparation Methods on Corrosion Resistance and Adhesion Strength of ASTM A36 Steel Substrate with Surface Tolerant Epoxy Paint as Coating Material. *Journal of Engineering and Scientific Research*, 6(1), 52–58. <https://doi.org/10.23960/jesr.v6i1.152>
- Wu, R., Zhang, H., Yang, R., Chen, W., & Chen, G. (2021). Nondestructive Testing for Corrosion Evaluation of Metal under Coating. *Journal of Sensors*, 2021. <https://doi.org/10.1155/2021/6640406>
- Wu, Z., Chen, Y., Liu, H., Hua, W., Duan, J., & Kong, L. (2023). A Review of the Developments of the Characteristics and Mechanisms of Airless Spraying on Complex Surfaces. *Coatings*, 13(12). <https://doi.org/10.3390/coatings13122095>