

## DAFTAR PUSTAKA

- Ali, A., dan Sabry, H. (2019). Implementing a successful *Risk Based Inspection* program, in: *Abu Dhabi International Petroleum Exhibition and Conference*. p. D011S010R002, SPE.
- Anderson, K. (2020). *Advanced Materials for Pressure Vessels and Piping Systems*. CRC Press.
- ASM Handbook. (2018). Volume 11: Failure Analysis and Prevention. American Society for Metals (ASM).
- Balku, Ş. (2017). Analysis of combined cycle efficiency by simulation and optimization. *Energy Convers. Manag.* 148 : 174–183.
- Barlow, H. S. (2018). *Metallurgy for the Non-Metallurgist*, ASM International.
- Brown, J. R. (2019). *Fitness-for-Service Evaluations for Piping and Pressure Vessels*. ASME Press.
- Cheng, Z., Zhou, H., dan Wu, X. (2019). "Predictive models for assessing the remaining life of HRSG tubes based on microstructure evaluation." *Journal of Pressure Vessel Technology*, 141(6), 061406. <https://doi.org/10.1115/1.4044355>
- Davis, R. E. (2019). *Heat Recovery Steam Generator: Principles and Practices*. McGraw-Hill.
- Fahdillah Narulita, A. L. N. A. (2024). *Pengaruh suhu, waktu perendaman, dan inhibitor alami terhadap laju korosi pada pipa tembaga di lingkungan asam HCL 0,1 N*. <https://journal-iasssf.com/index.php/DYNAMES/>

- Feng, Z., Xie, Z., dan Li, L. (2020). "Remaining life assessment of *Heat Recovery Steam Generators* based on the ASME Code and in-situ material testing." *Materials dan Design*, 188, 108406.  
<https://doi.org/10.1016/j.matdes.2020.108406>
- Fernandez, L., dan Kim, J. (2019). Failure Analysis of HRSG Components in Combined Cycle Power *Plants*. *Journal of Mechanical Integrity*.
- Kumar, P., dan Singh, A. (2020). "Fatigue and corrosion assessment of *Heat Recovery Steam Generators* (HRSG): A case study using ASME guidelines." *Materials Performance and Characterization*, 9(1), 10–19.  
<https://doi.org/10.1520/MPC20190120>
- Lee, S., *et al.* (2020). Thermal Stress and Fatigue in HRSG *Tubes*. *International Journal of Energy Research*.
- Mahfud, M. Z., Satrijo, D., dan Prahasto, T. (2016). Desain Dan Analisis Tegangan Sistem Perpipaan Main Steam (High Pressure) Pada Combined Cycle Power *Plant*. In *Jurnal Teknik Mesin S-1* (Vol. 4, Issue 1).
- Mansouri, M.T., Ahmadi, P., Kaviri, A.G., dan Jaafar, M.N.M. (2012). Exergetic and economic evaluation of the effect of HRSG configurations on the performance of combined cycle power *Plants*. *Energy Convers. Manag.* 58 : 47–58.
- Miller, J. (2017). The combined cycle and variations that use HRSGs, in: *Heat Recovery Steam Generator Technology*. pp. 17–43, Elsevier.
- Nanchy Chudhoifah, M., Suastiyanti, D., Rupajati, P., Raya Bakalan-Ujungnegoro Km, J., Kandeman, K., Batang, K., dan Tengah, J. (2020). *Analisa Kerusakan*

*Pipa Boiler Supercritical PT. Bhimasena Power Indonesia PLTU 2x1000 MW.*

4(1).

Nashit, M., dan Faisal, M. (2019). "Analysis of material degradation and remaining life assessment in *Heat Recovery Steam Generators* using advanced metallurgical techniques." *International Journal of Pressure Vessels and Piping*, 179, 46–58. <https://doi.org/10.1016/j.ijpvp.2019.02.001>

Siregar, F., dan Abdullah, M. (2020). Studi Evaluasi Creep pada HRSG. *Jurnal Teknik Energi*.

Smith, J., dan Brown, R. (2020). Evaluation of Creep and Fatigue Damage in HRSG *Tubes*. *International Journal of Energy Systems Engineering*.

Smith, T. H. (2021). *Non-Destructive Testing Methods in Mechanical Engineering*. Elsevier.

Stoppato, A., Benato, A., dan Mirandola, A. (2012). Assessment of stresses and residual life of *Plant* components in view of life-time extension of power *Plants*. *Proc. ECOS 2012* : 26–29.

Suhaeri, M.F., Saputra, I.G.R.O., Ariyasa, I.M.W.D., Al Hafidh, M.M., Abidin, M.R., Aziz, M.F.A., *et al.* (2024). Perhitungan residual life assesment (rla) dengan menggunakan metode ultrasonic testing (ut) terhadap hasil inspeksi pada pipeline gas di PT. XYZ. *Perwira J. Sci. Eng.* 4 : 43–47.

Widodo, H., dan Prasetya, A. (2021). Analisis Kegagalan HRSG di Pembangkit Listrik Indonesia. *Jurnal Energi Indonesia*.

Wilson, P. (2022). *Operational Risk Management in Energy Sector*. Springer.

- Yeh, L.-T., Chu, R.C., dan Janna, W.S. (2003). Thermal management of microelectronic equipment: heat transfer theory, analysis methods, and design practices. ASME press book series on electronic packaging. *Appl. Mech. Rev.* 56 : B46–B48.
- Zhao, J., Yang, L., dan Zhang, Y. (2021). "Evaluation of residual life of *Heat Recovery Steam Generator* (HRSG) based on material degradation and thermal-fatigue damage." *International Journal of Pressure Vessels and Piping*, 190, 103319. <https://doi.org/10.1016/j.ijpvp.2021.103319>
- Zhao, Y., Guo, W., dan Zhang, M. (2022). "In-situ metallurgical testing and assessment for the remaining life of steam generator tubing in power *Plants*." *Journal of Materials Science dan Technology*, 93, 54–63. <https://doi.org/10.1016/j.jmst.2022.04.017>