

## DAFTAR PUSTAKA

- ASM Handbook. (2019). *Properties and selection: Irons, steels, and high-performance alloys*. ASM International.
- Baukal, C. E. (2023). *Industrial Combustion and Heat Transfer*. CRC Press.
- Bergman, T. L., & Incropera, F. P. (2020). *Fundamentals of Heat and Mass Transfer*. 8th Edition. Wiley.
- Carpio, J., Torres, M. and Alvarez, R. (2023) 'Optimization of industrial furnace thermal performance using CFD simulation', *Applied Thermal Engineering*.
- Ferziger, J. H., Perić, M., & Street, R. L. (2020). *Computational methods for fluid dynamics* (4th ed.). Springer.
- Groover, M. P. (2020). *Fundamentals of modern manufacturing* (7th ed.). Wiley.
- Hasibuan, R. (2022) 'Analisis distribusi temperatur tungku peleburan aluminium berbahan bakar LPG skala laboratorium', *Jurnal Rekayasa Material*, 7(1), pp. 33–40.
- Incropera, F. P., DeWitt, D. P., Bergman, T. L., & Lavine, A. S. (2021). *Fundamentals of Heat and Mass Transfer*. Wiley.
- Kurniawan, D., Prasetyo, A. and Santoso, B. (2020) 'Analisis efisiensi termal furnace industri menggunakan metode langsung dan tidak langsung', *Jurnal Energi dan Manufaktur*, 9(2), pp. 101–108.
- Lazaridis, P. and Kouloulas, K. (2023) 'CFD-based optimization of combustion chamber geometry for industrial furnaces', *Energy Reports*, 9, pp. 1321–1330.
- Moran, M. J., Shapiro, H. N., Boettner, D. D., & Bailey, M. B. (2018). *Fundamentals of engineering thermodynamics* (9th ed.). Wiley.
- Menter, F.R. (2018) 'Two-equation eddy-viscosity turbulence models for engineering applications', *AIAA Journal*, 32(8), pp. 1598–1605.
- Nugroho, S. (2017) *Teknologi peleburan dan pengecoran logam*. Yogyakarta: Andi Publisher.
- Patel, R., Shah, M. and Mehta, P. (2021) 'Numerical investigation of burner position on thermal uniformity in gas-fired furnaces', *Case Studies in Thermal*

*Engineering*, 25, p. 100895.

- Prastika, A. (2021) 'Analisis neraca massa dan energi pada sistem pemanasan industri', *Jurnal Teknik Kimia*, 16(1), pp. 45–52.
- Rahimi, A., Hosseini, S. and Karimi, M. (2022) 'Effect of refractory materials on thermal efficiency of industrial furnaces', *Journal of Materials Research and Technology*, 18, pp. 2210–2220.
- Rachman, F. (2021) 'Evaluasi desain tungku peleburan logam tradisional terhadap efisiensi termal', *Jurnal Teknologi Industri*, 13(3), pp. 201–209.
- Rinaldi, M. (2024) 'Material refraktori dan aplikasinya pada tungku peleburan logam', *Jurnal Material dan Metalurgi*, 11(1), pp. 1–10.
- Saidur, R., Hasanuzzaman, M., & Rahim, N. A. (2021). Energy analysis of industrial furnaces. *Energy Policy*, 39(8), 4561–4570.
- Siemens Digital Industries Software (2023) *Simcenter STAR-CCM+ user guide*.
- Suryanto, A. and Hakim, L. (2023) 'Analisis kinerja tungku peleburan aluminium berbahan bakar LPG terhadap efisiensi energi', *Jurnal Teknik Mesin*, 15(2), pp. 85–92.
- Tao, W., Li, Z., & He, Y. (2018). Numerical study on burner angle effects in gas-fired furnaces. *International Journal of Thermal Sciences*, 129, 450–462.
- Versteeg, H.K. and Malalasekera, W. (2021) *An introduction to computational fluid dynamics: The finite volume method*. 3rd edn. Harlow: Pearson Education.
- Yakhot, V. and Orszag, S.A. (2016) 'Renormalization group analysis of turbulence', *Journal of Scientific Computing*, 1(1), pp. 3–51.
- Xu, J., Li, B., & Qi, F. (2024). Modeling effects of swirl burners on the heating quality of slabs and flame morphology in a walking-beam reheating furnace. *Applied Thermal Engineering*, 248, 123273.