

DAFTAR PUSTAKA

- Afandi, N., dan Arsana, I. (2018). Simulasi Performansi Heat Exchanger Tipe Shell and Tube Dengan Helical Baffle dan Disk and Doughnut Baffle. *Jurnal Teknik Mesin UNESA*, 6(1), 61-68.
- Ariwibowo, T. H., Permatasari, P. D., Ardhiyanga, N., dan Triyono, S. (2016). Studi Eksperimen Karakteristik Shell-and-Tube Heat Exchanger Dengan Variasi Jenis Baffle dan Jarak Antar Baffle. *Jurnal Ilmu Fisika (JIF)*, 8(2), 87-97.
- Belkassmi, Y., Gueraoui, K., Hassanain, N., dan Elbouzidi, A. (2014). Turbulent film condensation in a vertical tube in presence of non condensable gas. *Journal of Advance in Physics*, 1282-1290.
- Bichkar, P., Dandgaval, O., Dalvi, P., Godase, R., dan Dey, T. (2018). Study of Shell and Tube Heat Exchanger with the Effect of Types of Baffles. *2nd International Conference on Materials Manufacturing and Design Engineering* (hal. 195-200). Pune, India: Procedia Manufacturing.
- Butterworth, D. (1988). *Condenser and their design*. In : *Two-phase flow heat exchangers : Thermal hydraulic fundamentals and design*. Kluwer Pusblisher.
- Cengel, Y. A. (2002). *Heat Transfer : a practical approach*. New York: McGraw-Hill.
- Cengel, Y. A., dan Boles, M. A. (2006). *Thermodynamics : an engineering approach*. New York: McGraw-Hill.
- Handoyo, E. A. (2001). Pengaruh Penggunaan Baffle pada Shell and Tube Heat Exchanger. *Jurnal Teknik Mesin*, 19-23.
- Helmi, R. (2021). *Kebutuhan Air Berkelanjutan*. Surakarta: Ilmu Lingkungan UNS.
- Incropera, F. P. (2011). *Fundamentals of heat and mass transfer*. United States of America: John Willy.

- Iswara, M. (2021). *Krisis Air Bersih Yang Kian Memburuk Saat Pandemi Menerjang*. tirta.id.
- Kasumu, A. S., Nassar, N. N., dan Mehrotra, A. K. (2017). A heat-transfer laboratory experiment with shell-and-tube condenser. *Education for Chemical Engineers*, 19, 38-47.
- Lei, Y., Li, Y., Jing, S., Song, C., Lyu, Y., dan Wang, F. (2017). Design and performance analysis of the novel shell-and-tube heat exchangers with louver baffles. *Applied Thermal Engineering*, 870-879.
- Mahendran, J. (2020). Experimental analysis of shell and tube heat exchanger using flower baffle plate configuration. *Materials Today: Proceedings*, 419-424.
- Pan, Y. (2001). Condensation characteristic inside a vertical tube considering the presence of mass transfer, vapor velocity and interfacial shear. *International Journal of Heat and Mass Transfer*, 4475-4482.
- Rustan, F. R., Sriyani, R., dan Talanipa, R. (2019). Analisis Pemakaian Air Bersih Rumah Tangga Warga Perumahan Bumi Mas Graha Asri Kota Kendari. *Stabilita*, 7(2), 151-160.
- Siagian, S. (2016). Analisa Efektivitas Alat Penukar Kalor Jenis Shell and Tube Hasil Perancangan Mahasiswa Skala Laboratorium. *eJournal UPN Veteran Jakarta*, 211-216.
- Sreedhar, V., Chandra, G., Kanth, T., dan Somaiah, A. (2017). Experimental investigation on shell and tube heat exchanger using segmental baffle and disc-doughnut type baffles. *International Journal of Mechanical Engineering and Technology (IJMET)*, 975-984.
- Tanujaya, H. (2017). Efektivitas Penggunaan Baffle Satu Segmen pada Alat Penukar Kalor Jenis Shell-Tube. *Riset Multidisiplin untuk Menunjang Pengembangan Industri Nasional* (hal. 253-255). Lombok: Seminar Nasional Mesin dan Industri (SNMI XI).

- Taufiqurrahman, M. S. (2022). *Rancang Bangun Kondensor Akrilik Vertikal Tipe Shell and Tube Dengan Baffle Segmental*. Yogyakarta: Universitas Gadjah Mada.
- TEMA. (2019). *Standards of the Tubular Exchanger Manufacturers Association*. New York: Tubular Exchanger Manufacturers Association.
- Thulukkanam, K. (2013). *Heat exchanger design handbook*. New York: CRC Press.
- Towler, G., dan Sinnott, R. (2008). *Chemical engineering design : Principals, practice, and economics of plant and process design*. Oxford : Butterworth-Heinemann.
- Wu, J., Zhou, J., Chen, Y., Wang, M., Dong, C., dan Guo, Y. (2016). Experimental investigation on enhanced heat transfer of vertical condensers with trisection helical baffles. *Energy Conversion and Management*, 109, 51-62.
- Wusiman, K., dan Zhou, Z. (2020). Investigation of Shell and Tube Heat Exchanger with Disc-and-Doughnut Baffles. *Open Access Library Journal*, 1-10.
- Zhang, L. Z. (2013). *Conjugate Heat and Mass Transfer in Heat Mass Exchanger Ducts*. Oxford: Elsevier.