

## DAFTAR PUSTAKA

- Abeykoon, C. (2020). Compact heat exchangers – Design and optimization with CFD. *International Journal of Heat and Mass Transfer*, 146, 118766. <https://doi.org/10.1016/j.ijheatmasstransfer.2019.118766>
- American National Standards Institute, and American Society of Mechanical Engineers. (1979). *Welded and seamless wrought steel pipe*.
- ANSYS. (2017). *ANSYS Fluent Theory Guide*. SAS IP. Pennsylvania.
- ANSYS. (2017). *ANSYS Fluent Users Guide*. SAS IP. Pennsylvania.
- Asadbeigi, S., Ahmadi, E., Goodarzi, M., and Sagharichian, A. (2023). Analyzing and simulating heat transfer and designing a shell and tube heat exchanger for the pasteurization process of tomato paste: A CFD study. *Heliyon*, 9(11), e21593. <https://doi.org/10.1016/j.heliyon.2023.e21593>
- ASME Boiler and Pressure Vessel Code. (2019). American Society of Mechanical Engineer.
- Balabel, A., Alwetaishi, M., El-Askary, W. A., and Fawzy, H. (2021). Numerical study on natural ventilation characteristics of a partial-cylinder opening for one-sided-Windcatcher of variable air-feeding orientations in Taif, Saudi Arabia. *Sustainability*, 13(20), 11310. <https://doi.org/10.3390/su132011310>
- Bichkar, P., Dandgaval, O., Dalvi, P., Godase, R., and Dey, T. (2018). Study of shell and tube heat exchanger with the effect of types of baffles. *Procedia Manufacturing*, 20, 195-200. <https://doi.org/10.1016/j.promfg.2018.02.028>
- Bull, J., Buick, J. M., and Radulovic, J. (2020). Heat exchanger sizing for organic Rankine cycle. *Energies*, 13(14), 3615. <https://doi.org/10.3390/en13143615>
- Carter, W. J., & Ball, B. E. (2000). *ASME section VIII div. 1, pressure vessels*. McGraw-Hill Professional Publishing.
- Chen, L., Adi, V. S., and Laxmidewi, R. (2022). Shell and tube heat exchanger flexible design strategy for process operability. *Case Studies in Thermal Engineering*, 37, 102163. <https://doi.org/10.1016/j.csite.2022.102163>
- Eiamsa-ard, S., and Promvonge, P. (2007). Numerical investigation of the thermal separation in a ranque–hilsch vortex tube. *International Journal of Heat and*

*Mass Transfer*, 50(5-6), 821-832.

<https://doi.org/10.1016/j.ijheatmasstransfer.2006.08.018>

El-Said, E., and Abou Al-Sood, M. (2019). Shell and tube heat exchanger with new segmental baffles configurations: A comparative experimental investigation. *Applied Thermal Engineering*, 150, 803-810.  
<https://doi.org/10.1016/j.applthermaleng.2019.01.039>

Forman, B. F., and Megyesy, E. F. (1981). *Pressure vessel handbook*. Pressure Vessel Publishing.

Ghajar, A. J., and Yunus A. Cengel, D. (2014). *Heat and mass transfer: Fundamentals and applications*. McGraw-Hill Education.

Holman, J. P. (1990). *Heat transfer*. McGraw-Hill Companies.

Humas EBTKE. (2023, January 20). *Dirjen EBTKE Paparkan Pemenuhan Kebutuhan Listrik Indonesia Melalui Pemanfaatan EBT*. Direktorat Jenderal EBTKE, Kementerian ESDM Republik Indonesia.  
<https://ebtke.esdm.go.id/post/2023/01/20/3405/dirjen.ebtke.paparkan.pemenuhan.kebutuhan.listrik.indonesia.melalui.pemanfaatan.ebt>

Incropera, F. P. (2007). *Fundamentals of heat and mass transfer*. John Wiley and Sons.

Kakaç, S., Liu, H., and Pramuanjaroenkij, A. (2012). *Heat exchangers: Selection, rating, and thermal design* (3rd ed.). CRC Press.

Kern, D. Q. (1950). *Process heat transfer*.

Kreith, F., and Manglik, R. M. (2016). *Principles of heat transfer*. Cengage Learning.

Li, J., Yang, Z., Hu, S., Yang, F., and Duan, Y. (2020). Effects of shell-and-tube heat exchanger arranged forms on the thermo-economic performance of organic Rankine cycle systems using hydrocarbons. *Energy Conversion and Management*, 203, 112248.  
<https://doi.org/10.1016/j.enconman.2019.112248>

Macchi, E., and Astolfi, M. (2016). *Organic Rankine cycle (ORC) power systems: Technologies and applications*. Woodhead Publishing.

Moss, D. R. (2004). *Pressure vessel design manual*. Elsevier.

- Ratnawati, R., and Salim, A. (2018). Desain ulang alat penukar kalor tipe shell and tube dengan material tube carbon Steel Dan stainless Steel 304. *Turbo : Jurnal Program Studi Teknik Mesin*, 7(1).  
<https://doi.org/10.24127/trb.v7i1.712>
- Schlunder, E. U. (1993). *Heat exchanger design handbook. Supplement 7*. Begell House.
- Thulukkanam, K. (2013). *Heat exchanger design handbook* (2nd ed.). CRC Press.
- Towler, G., and Sinnott, R. (2007). *Chemical engineering design: Principles, practice and economics of plant and process design*. Butterworth-Heinemann.
- Tubular Exchanger Manufacturers Association. (2007). *Standards of the tubular exchanger manufacturers association*.
- Versteeg, H. K., and Malalasekera, W. (2007). *An introduction to computational fluid dynamics: The finite volume method*. Pearson Education.
- Walraven, D., Laenen, B., and D'haeseleer, W. (2014). Optimum configuration of shell-and-tube heat exchangers for the use in low-temperature organic Rankine cycles. *Energy Conversion and Management*, 83, 177-187.  
<https://doi.org/10.1016/j.enconman.2014.03.066>