

DAFTAR PUSTAKA

- Akbar, A., Arani, A., Arefmanesh, A., & Uosofvand, H. (2016). *Journal of Heat and Mass Transfer Research Effect of baffle orientation on shell-and-tube heat exchanger performance*. 4, 83–90. <https://doi.org/10.22075/jhmtr.2017.1503.1100>
- Alibaba.com: Manufacturers, Suppliers, Exporters & Importers from the world's largest online B2B marketplace*. (2023).
- API. (1958). *Api Specification for Welded Oil Storage Tanks Std 12C* (Issue March).
- Aries, R. S., & Newton, R. D. (1955). *Chemical_engineering_cost_estimation_ari.pdf*.
McGRAW HILL BOOK COMPANY.
- ASME. (2013). Rules for Construction of Pressure Vessels. *ASME Boiler and Pressure Vessel Code*.
- ASME. (2015). ASME Boiler and Pressure Vessel Code. Section II. Materials. An International Code. *The American Society of Mechanical Engineers*, 1032.
- ASTM. (2009). *Specification for Mineral Fiber Blanket Thermal Insulation for Commercial*. 04, 1–5.
- Baker, R. W. (2012). Membrane Technology and Applications. In *Membrane Technology and Applications*. <https://doi.org/10.1002/9781118359686>
- Bouhairie, S. (AICHE). (2012). Selecting Baffles for Heat Exchangers Shell-and-Tube. *Chemical Engineering Progress, February*.
- Bridgwater, A. V. (1995). *The technical and economic feasibility of biomass gasification for power generation*. 14(5), 631–653.
- Brown, G. G. (n.d.). *Unit Operations*.
- Budiman, R. W., & Sipahutar, R. (2023). Gas Quality Impact on Gas Engine Performance: Case of an Indonesia Natural Gas Station. *Indonesian Journal of*

Multidisciplinary Science, 2(7), 2869–2880.

<https://doi.org/10.55324/ijoms.v2i7.489>

ChemicalBook - Chemical Search Engine. (2023).

China Products Directory - Made-in-China.com. (2023).

Couper, James R.; Penney, W. Roy; Fair, James R.; Walas, S. M. (2012). *Chemical Process Equipment - Selection and Design* (3rd Edition) - Knovel. In *Elsevier*.

Crowl, D. A., & Louvar, J. F. (1992). *Chemical process safety: Fundamentals with applications*. In B. Goodwin, J. Fuller, & E. Ryan (Eds.), *Prentice Hall* (3rd ed., Vol. 31, Issue 2). Paul Boger. [https://doi.org/10.1016/0304-3894\(92\)85021-r](https://doi.org/10.1016/0304-3894(92)85021-r)

Cussler, E. L. (2009). *Diffusion: Mass Transfer in Fluid Systems*. Cambridge University Press. <https://books.google.co.id/books?id=dq6LdJyN8ScC>

Dyson, D. C., & Simon, J. M. (1968). A kinetic expression with diffusion correction for ammonia synthesis on industrial catalyst. *Industrial and Engineering Chemistry Fundamentals*, 7(4), 605–610. <https://doi.org/10.1021/i160028a013>

Equipment Costs for Plant Design and Economics for Chemical Engineers - 5th Edition. (2023).

Fairbanks, D. F., & Wilke, C. R. (1950). Diffusion Coefficients in Multicomponent Gas Mixtures. *Industrial & Engineering Chemistry*, 42(3), 471–475. <https://doi.org/10.1021/ie50483a022>

Holman, J. P. (2010). *Heat Transfer: Tenth Edition*. McGraw-Hill Education. <https://books.google.co.id/books?id=7TGGPwAACAAJ>

Ismy, F., & Ashar, T. (2013). Analisis kualitas air dan keluhan gangguan kulit pada masyarakat pengguna air Sungai Siak di Pelabuhan Sungai Duku Kelurahan Tanjung Rhu Kecamatan Limapuluh Kota Pekanbaru tahun 2012. *Lingkungan Dan Keselamatan Kerja*, 2(3), 14405.

- Jacob, R. M. (2019). Gas-to-gas heat exchanger for heat utilization in hot CO₂ from an electrically heated calcination process. *University of South-Eastern Norway*.
- Kern, D. Q. (1983). Process Heat Transfer. In *Process Heat Transfer*.
<https://doi.org/10.1016/B978-0-12-373588-1.X5000-1>
- Marriott, J. I. (2001). Detailed modelling and optimal design of membrane separation systems. *Ph.D. Thesis, February*, 1–224.
- Matches' engineering to chemical energy manufacturing metallurgical industries*. (2023).
- Perry, R. H. (2008). *Perry's Chemical Engineers' Handbook*.
- Peters, M., & Timmerhaus, K. (1991). Plant Design and Economics for Chemical Engineers. In *Plant design and economics for Chemical Engineers* (4th ed.). MCGRAW HILL INTERNATIONAL EDITIONS.
- Republik Indonesia, P. (2007). UU No 40 Tahun 2007 Tentang Perseroan Terbatas. In *Undang-Undang* (Issue 235).
- Seader, J. D., Henley, Ernest J., & Roper, D. Keith. (2011). Separation Process Principle. In *John Wiley & Sons, Inc.* (3rd ed.).
- Shah, M. J. (1967). Control Simulation In Ammonia Production. *Industrial and Engineering Chemistry*, 59, 76.
- Shamiri, A., & Aliabadi, N. (2021). Modeling and performance improvement of an industrial ammonia synthesis reactor. *Chemical Engineering Journal Advances*, 8, 100177. <https://doi.org/10.1016/j.ceja.2021.100177>
- Singh, C. P. P., & Saraf, D. N. (1979). Simulation of Ammonia Synthesis Reactors. *Industrial and Engineering Chemistry Process Design and Development*, 18(3), 364–370. <https://doi.org/10.1021/i260071a002>
- Sinnot, R. K., Fahyuni, E. F., YULIA CITRA, A., Schulz, N. D., غسان, Taniredja, T.,

- Faridli, E. M., & Harmianto, S. (2005). Chemical Engineering Design. *Jurnal Penelitian Pendidikan Guru Sekolah Dasar*, 6(August), 128.
- Sullivan, W. G., Wicks, E. M., & Koelling, C. P. (2003). Engineering economy. In *Engineering Economist* (Vol. 10, Issue 4). Pearson.
<https://doi.org/10.1080/00137916508928729>
- TEMA. (2007). Standards of the Tubular Exchanger Manufacturers Association Ninth. In *TEMA - Tubular Exchanger Manufacturers Association*.
- The American Petroleum Institute (API). (1995). Centrifugal Pumps for Petroleum, Heavy Duty Chemical, and Gas Industry Services. In *America Petroleum Institute* (8th ed.).
- The Chemical Engineering Plant Cost Index - Chemical Engineering*. (2023).
- Trippe, F., Fröhling, M., Schultmann, F., Stahl, R., & Henrich, E. (2011). Techno-economic assessment of gasification as a process step within biomass-to-liquid (BtL) fuel and chemicals production. *Fuel Processing Technology*, 92(11), 2169–2184. <https://doi.org/10.1016/j.fuproc.2011.06.026>
- Ulrich, G. D. (1984). *A Guide To Chemical Engineering Process Design and Economics*. John Willey & Sons.
- Upah Minimum | Departemen Tenaga Kerja AS*. (2023).
- Yaws, C. L. (1999). *Chemical Properties Handbook*. McGraw-Hill.