

## DAFTAR PUSTAKA

- Adams, W. H. 1958. *Heat Transmission, 3rd edition*. Auckland: McGraw-Hill International Book Company.
- Anonim. 2017. "NIST Chemistry WebBook." [www.webbook.nist.gov/chemistry](http://www.webbook.nist.gov/chemistry).
- . 2019. *PT. Krakatau Tirta Industri*. <https://www.krakatautirta.co.id/>.
- . 2018. "PubChem." <https://www.pubchem.ncbi.nlm.nih.gov/>.
- . 2018. [www.alibaba.com](http://www.alibaba.com).
- . 2018. [www.sigmaaldrich.com](http://www.sigmaaldrich.com).
- . 2018. [www.bps.go.id](http://www.bps.go.id).
- . 2018. [www.worldwidestatistic.com](http://www.worldwidestatistic.com)
- . 2018. [www.engineeringtoolbox.com](http://www.engineeringtoolbox.com)
- Aries, Robert S., and Robert D. Newton. 1955. *Chemical Engineering Cost Estimation*. New York: McGraw-Hill Book Company.
- Broughton, Jack. 1994. *Process Utility Systems: Introduction to Design, Operation, and Maintenance*. UK: Institution of Chemical Engineers
- Brown, George Granger. 1987. *Unit Operations*. New York: John Wiley and Sons, Inc.
- Brownell, Lloyd E., and Edwin H. Young. 1959. *Process Equipment Design*. New York: John Wiley & Sons, Inc.,.
- Dean, J. A., and Lange, N. A. 1994. "Lange's Handbook of Chemistry". 15<sup>th</sup> edition. New York: McGraw-Hill.
- Fessenden, R. J., and Fessenden, J. S. 1982. "Organic Chemistry". 2<sup>th</sup> edition. Michigan: W. Grant Press.
- Fogler, H. Scott. 2004. *Elements of Chemical Reaction Engineering, 3rd edition*. New Delhi: Prentice-Hall India.
- Froment, Bischoff, and De Wilde. 2011. *Chemical Reactor Analysis and Design, 3rd edition*. Danvers: John Wiley & Sons, Inc.
- Group, KLM Technology. 2011. "Layout and Spacing (Project Standards and Specifications)." In *Project Engineering Standard*, 1-17.
- Hermawan, Yulius Deddy. 2018. "Control Design of Heat Pathways." Yogyakarta: Department of Chemical Engineering UPN "Veteran" Yogyakarta.
- Hermawan, Yulius Deddy. 2018. "Simple Heat Exchanger Network." Yogyakarta: Department of Chemical Engineering UPN "Veteran" Yogyakarta.

- Hill Jr., Charles G., and Thatcher W. Root. 2014. *Introduction to Chemical Engineering Kinetics and Reactor Design, 2nd edition*. New Jersey: John Wiley & Sons, Inc.
- Holland, F. A., and Chapman, F. S. 1966. *Liquid Mixing and Processing in Stirred Tank*. New York: Reinhold Publishing Corporation.
- Holman, J. P. 1989. *Heat Transfer*. Singapore: McGraw-Hill Book Company.
- Jorg-Therre, W., et.al. 2004. "Continuous Method For Production of Acetaldol and DihydroAcetaldol Derivatives". US Patent 6723883. Denmark.
- Kern, Donald Q. 1950. *Process Heat Transfer*. Singapore: McGraw-Hill Book Company.
- Kirk, R. E., and Othmer, D.F. 1979. "Encyclopedia of Chemical Technology". New York: John Willey and Sons. Inc.
- Kirk, R. E., and D. F. Othmer. 1982. *Encyclopedia of Chemical Technology*. New York: Interscience Publisher Inc.
- Moss, D. R., and Basic, M. 2013. *Pressure Vessel Design Manual*. 4th edition. Oxford: Elsevier Inc.
- Levenspiel, Octave. 1999. *Chemical Reaction Engineering*. New York: John Wiley & Sons.
- Ludwig, Ernest E. 2001. *Applied Process Design for Chemical and Petrochemical Plants, Volume 3, 3rd edition*. London: Gulf Professional Publishing.
- Lyons, Jennifer., and H. P. Loh. 2002. *Process Equipment Cost Estimation*. National Energy Technology Center. Pittsburgh
- McCabe, Warren L., Julian C. Smith, and Peter Harriot. 1993. *Unit Operations of Chemical Engineering, 5th edition*. Singapore: McGraw-Hill International Editions.
- McKetta, John. 1985. *Encyclopedia of Chemical Processing and Design, Vol. 30*. New York: Marcell Dekker Inc.
- Missen, Ronald W., Charles A. Mims, and Bradley A. Saville. 1999. *Introduction to Chemical Reaction Engineering and Kinetics*. New York: John Wiley & Sons, Inc.
2002. "Peraturan Menteri Kesehatan No. 907/Menkes/SK/VII/2002 Tentang Syarat-Syarat dan Pengawasan Kualitas Air Minum."
- Perry, Robert H., and Don W. Green. 1999. *Perry's Chemical Engineers' Handbook 7th edition*. New York: McGraw-Hill Companies, Inc.
- Peters, Max S., and Klaus D. Timmerhaus. 1991. *Plant Design and Economics for Chemical Engineers, 4th edition*. Singapore: McGraw-Hill International Editions.
- Peters, M.S., Timmerhaus K.D., and West, R.E. 2003. *Plant Design and Economics for Chemical Engineers, 5th edition*. New York
- Pohanish, R. P. 2012. *Toxic and Hazardous Chemical and Carcinogens*. Oxford: Elsevier Inc.
- Powell, S. T. 1954. *Water Conditioning for Industry*. Tokyo: McGraw-Hill International Inc.

- Rahardjo, W. D., dan Karnowo. 2008. *Mesin Konversi Energi*. Semarang: Universitas Negeri Semarang Press
- Rase, Howard F. 1977. *Chemical Reactor Design for Process Plants, Volume 1: Principles and Techniques*. New York: John Wiley and Sons, Inc.
- Richmond, Henry H. 1947. "Preparation of Acetaldo<sup>l</sup>". US Patent 259186. Canada.
- Rohm, and Haas. 2006. *Industrial Grade Strongly Acidic for Catalysis and Separation Technologies*. Philadelphia: Rohm and Haas Company.
- Setiadi, Tjandra. 2007. *Pengolahan dan Penyediaan Air*. Bandung: Institut Teknologi Bandung
- Silla, Harry. 2003. *Chemical Process Engineering : Design and Economics*. Ney York: Marcel Dekker, Inc.
- Schweiltzer, P. A. 1979. *Handbook of Separation Techniques for Chemical Engineer*. New York: McGraw-Hill Book Company, Inc.
- Sinnott, R. K. 2005. *Coulson & Richardson's Chemical Engineering Design Vol. 6, 4th edition*. London: Elsevier Butterworth-Heinemann.
- Smith, Carlos A., and Armando B. Corripio. 1997. *Principles and Practice of Automatic Process Control, 2nd Edition*. New York: John Wiley & Sons, Inc.,
- Smith, J. M., H. C. Van Ness, and M. M. Abbott. 2001. *Introduction to Chemical Engineering Thermodynamics, 6th edition in SI Units*. New York: McGraw-Hill Companies, Inc.
- Sularso, and Haruo Tahara. 2000. *Pompa & Kompresor, Pemilihan Pemakaian dan Pemeliharaan*. Jakarta: PT Pradnya Paramita.
- Towler, G., and Sinnot, K. 2008. *Chemical Engineering Design: Principles, Practice and Economics of Plant and Process Design*. Oxford: Elsevier Inc.
- Treyball, R. E. 1980. *Mass Transfer Operations, 3rd edition*. Tokyo: McGraw-Hill Kogakusha, Ltd.
- Treyball, R. E. 1981. *Mass Transfer Operations, 3rd edition*. New York: McGraw-Hill.
- Ulrich, G. D. 1984. *A Guide to Chemical Engineering Process Design and Economics*. New York: John Wiley and Sons, Inc.
- Van Winkle, Matthew. 1967. *Distillation*. New York: McGraw-Hill.
- Walas, Stanley M. 1988. *Chemical Process Equipment Selection and Design*. Boston: Butterworth-Heinemann.
- Walas, Stanley M. 1990. *Chemical Process Equipment Selection and Design*. Boston: Butterworth-Heinemann.
- White, Frank M. 2011. *Fluid Mechanics*. 7th edition. New York: McGraw-Hill.

Wongsri, Montree, and Yulius Deddy Hermawan. 2005. "Heat Pathways Management for a Complex Energy-Integrated Plant: Dynamic Simulation of HDA Plant." *J. Chin. Inst. Chem. Engrs., Vol. 36*.

Yaws, C. L. 1999. *Chemical Properties Handbook*. New York: McGraw-Hill.