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DAFTAR PUSTAKA

Alibaba. (2026). *Global Trade Online: Chemical and Machinery Prices*. Diakses pada 20 Mei 2026 dari https://www.alibaba.com

Aries, R. S., & Newton, R. D. (1955). *Chemical Engineering Cost Estimation*. New York: McGraw-Hill Book Company.

Bird, R. B., Stewart, W. E., & Lightfoot, E. N. (2007). *Transport phenomena* (Revised 2nd ed.). John Wiley & Sons.

Chemical Engineering. (2025). *Chemical Engineering Plant Cost Index (CEPCI)*. New York: Access Intelligence, LLC.

Cheremisinoff, N. P. (2002). *Handbook of Water and Wastewater Treatment Technologies*. Boston: Butterworth-Heinemann. *(Tambahan)*

Chhabra, R. P. (Ed.). (2017). *Coulson & Richardson's chemical engineering* (7th ed.). Elsevier.

Chi-Tien. (1994). *Adsorption Calculations and Modeling*. Boston: Butterworth-Heinemann.

Couper, J. R. (2003). *Process Engineering Economics*. Boca Raton: CRC Press.

Crittenden, J. C., Trussell, R. R., Hand, D. W., Howe, K. J., & Tchobanoglous, G. (2012). *Water Treatment: Principles and Design* (3rd ed.). Hoboken, NJ: John Wiley & Sons.

Eckenfelder, W. W., Ford, D. L., & Englande, A. J. (2009). *Industrial Water Quality* (4th ed.). New York: McGraw-Hill Education. *(Tambahan)*

Geankoplis, C. J. (2003). *Transport Processes and Separation Process Principles (Includes Unit Operations)* (4th ed.). Upper Saddle River, NJ: Prentice Hall.

Global Asset Protection Services LLC. (2015). *GAPS Guidelines OIL AND CHEMICAL PLANT LAYOUT AND SPACING*.

Green, D. W., & Perry, R. H. (Eds.). (2008). *Perry's Chemical Engineers' Handbook* (8th ed.). New York: McGraw-Hill.

Green, D. W., & Southard, M. Z. (Eds.). (2019). *Perry's chemical engineers' handbook* (9th ed.). McGraw-Hill Education.

International Organization for Standardization (ISO). (2004). *ISO 14001 Second Edition: Environmental Management Systems – Requirements with Guidance for Use*.

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Universitas Gadjah Mada, 2026 | Diunduh dari http://etd.repository.ugm.ac.id/

Italvacuum. (n.d.). *Bi-Evolution Dryer: Double Cone Vacuum Dryer* [Product brochure]. Retrieved January 25, 2026, from https://www.italvacuum.com/en/products/vacuum-dryers/bi-evolution-dryer

Karimi, A., & Baniamerian, Z. (2022). Multi Objective Optimization of Shell & Tube Heat Exchanger by Genetic, Particle Swarm and Jaya Optimization Algorithms: Assessment of Nanofluids as the Coolant. *Journal of Heat and Mass Transfer Research*, 1-16. https://doi.org/10.22075/jhmtr.2022.23959.1350

Kern, D. Q. (1950). *Process Heat Transfer*. McGraw-Hill Book Company.

Matche. (2026). *Chemical Equipment Cost Estimates*. Diakses pada 20 Mei 2026 dari http://www.matche.com

McCabe, W. L., Smith, J. C., & Harriott, P. (2005). *Unit Operations of Chemical Engineering* (7th ed.). New York: McGraw-Hill.

Metcalf & Eddy, Inc. (2014). *Wastewater Engineering: Treatment and Resource Recovery* (5th ed.). New York: McGraw-Hill.

Mujumdar, A. S. (Ed.). (2006). *Handbook of Industrial Drying* (3rd ed.). Boca Raton, FL: CRC Press.

Nalco Water Company, & Tanzi, J. N. (Eds.). (2018). *The Nalco Water Handbook* (4th ed.). New York: McGraw-Hill Education. *(Tambahan)*

National Fire Protection Association. (2013). *NFPA 1600 Standard on Disaster/Emergency Management and Business Continuity Programs*.

Occupational Safety and Health Administration (OSHA). (2000). *OSHA 1312: Process Safety Management*.

Peters, M. S., Timmerhaus, K. D., & West, R. E. (2003). *Plant Design and Economics for Chemical Engineers* (5th ed.). New York: McGraw-Hill Education.

Seider, W. D., Lewin, D. R., Seader, J. D., Widagdo, S., Gani, R., & Ng, K. M. (2016). *Product and process design principles: Synthesis, analysis, and evaluation* (4th ed.). Wiley.

Spellman, F. R. (2020). *Handbook of Water and Wastewater Treatment Plant Operations* (4th ed.). Boca Raton: CRC Press. *(Tambahan)*

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Towler, G., & Sinnott, R. (2012). *Chemical Engineering Design: Principles, Practice and Economics of Plant and Process Design* (2nd ed.). Oxford: Butterworth-Heinemann.

Tsotsas, E. (2011). Drying of solid materials. In *Ullmann's Encyclopedia of Industrial Chemistry*. Wiley-VCH Verlag GmbH & Co. KGaA. https://doi.org/10.1002/14356007.b02_04.pub2

Turton, R., Bailie, R. C., Whiting, W. B., Shaeiwitz, J. A., & Bhattacharyya, D. (2012). *Analysis, Synthesis and Design of Chemical Processes* (4th ed.). Upper Saddle River: Prentice Hall.

Ulrich, G. D. (1984). *A Guide to Chemical Engineering Process Design and Economics*. New York: John Wiley & Sons.

Vigneswaran, S., & Visvanathan, C. (1995). *Water Treatment Processes: Simple Options*. Boca Raton: CRC Press. *(Tambahan)*

Walas, S. M. (1990). *Chemical Process Equipment: Selection and Design*. Boston: Butterworth-Heinemann.

Wankat, P. C. (2012). *Separation Process Engineering: Includes Mass Transfer Analysis* (3rd ed.). Boston: Pearson Education.

Willey, R. J. (2014). Layer of Protection Analysis. *Procedia Engineering*, Vol. 84, Elsevier Ltd, pp. 12–22.

Yaws, C. L. (1999). *Chemical properties handbook: Physical, thermodynamic, environmental, transport, safety, and health related properties for organic and inorganic chemicals*. McGraw-Hill Education.