

DAFTAR PUSTAKA

- Afin, A. P., Kiono, B. F. T. (2021). Potensi Energi Batubara serta Pemanfaatan dan Teknologinya di Indonesia Tahun 2020–2050: Gasifikasi Batubara. *Jurnal Energi Baru Dan Terbarukan*, 2(2), 144-122.
- Ansyari, M. F., Zagita, M. T., & Saksono, N. (2021). JURNAL TEKNOLOGI. *Jurnal Teknologi*, 9(1), 1-12.
- Appl, M. (1999). Ammonia: Priciples & industrial practice.
- Aries, R. S., & Newton, R. D. (1955). *Chemical Engineering Cost Estimation*. McGraw-Hill.
- ASTM (1999). *Standard Classification of Coals by Rank*. Philadelphia, PA: American Society for Testing and Materials. ASTM Standard D 388-99
- Badan Pusat Statistik, “Proyeksi Penduduk Indonesia 2020-2050 Hasil Sensus Penduduk 2020”
- Brownell, L. E., & Young, E. H. (1959). *Process Equipment Design: Vessel Design*. Wiley-Interscience.
- Brown, G. G., Foust, A. S., Katz, D. L., Schneidewind, R., White, R. R., Wood, W. P., Williams, G. B. (1950). *Unit Operations of Chemical Engineering*. John Wiley & Sons.
- Crowl, D. A., & Louvar, J. F. (2002). *Chemical Process Safety: Fundamentals with Applications* (2nd ed.). Upper Saddle River: Prentice Hall PTR.
- Dahlan, H. H., Dewi, I. E., & Utami, A. S. (2023). BAHAN AJAR PROSES INDUSTRI KIMIA.
- Doble, M. (2007). Perry’s chemical engineers’ handbook. *McGraw-Hil, New York, US*.
- Evans, F. L. (1974). *Equipment Design Handbook for Refineries and Chemical Plants* (Vol. 2, 2nd ed.). Gulf Publishing Company.
- Fogler, H. S. (2016). *Elements of Chemical Reaction Engineering* (5th ed.). Prentice Hall.
- Foust, A. S., Wenzel, L. A., Clump, C. W., Maus, L., & Andersen, L. B. (1980). *Principles of Unit Operations* (2nd ed.). John Wiley & Sons.

GE Global Asset Protection Guidelines. (2001). Oil and Chemical Plant Layout and Spacing.

GE GAP Guidelines, GAP.2.5.2, 1-13.

Green, D. W., & Southard, M. Z. (Eds.). (2018). *Perry's Chemical Engineers' Handbook* (9th ed.). McGraw-Hill. <https://doi.org/10.1036/0071422943>

Higman, C., van der Burgt, M. (2008). *Gasification*. 2nd.

Holman, J. P. (2010). *Heat Transfer* (10th ed.). McGraw-Hill Education.

Kementerian ESDM, 2021, "Media Center – Arsip Berita - Menteri ESDM : Cadangan Minyak Indonesia Tersedia untuk 9,5 Tahun dan Cadangan Gas 19,9 Tahun",

Kementerian PPN, 2016, "Laporan Akhir: Kajian Ketercapaian Target DMO Batu Bara Sebesar 60% Produksi Nasional Pada Tahun 2019"

Kementrian ESDM, 2022, "Media Center – Arsip Berita - Semester I 2022, Realisasi Batubara Untuk Kelistrikan Capai 72,94 Juta Ton"

Kern, D. Q. (2019). *Kern's Process Heat Transfer* (2nd ed.). Wiley-Scrivener. <https://doi.org/10.1002/9781119364825>

Latip, A. (2022). Kajian Aksiologi tentang Kontribusi dan Kontroversi Pemanfaatan Amonia dari Proses Haber-Bosch. *Paradigma: Jurnal Filsafat, Sains, Teknologi, dan Sosial Budaya*, 28(4), 116-122.

Levenspiel, O. (1999). *Chemical Reaction Engineering* (3rd ed.). John Wiley & Sons. <https://doi.org/10.1021/ie990488g>

Modak, J. M. (2002). Haber process for ammonia synthesis. *Resonance*, 7(9), 69-77.

Mohamad, N. F., Hidayu, A. R., Sherif, A. A., & Sharifah, A. S. A. K. (2013, April). Characteristics of bituminous coal, sub-bituminous coal and bottom ash from a coal-fired power plant. In *2013 IEEE Business Engineering and Industrial Applications Colloquium (BEIAC)* (pp. 571-573). IEEE.

Nursanto, E. (2015, April). Pengolahan Batubara dan Pemanfaatannya untuk Energi. In *Seminar Nasional Teknik Kimia "Kejuangan"* (pp. 1-1).



Occupational Safety and Health Administration. (2024). *Process Safety Management of Highly Hazardous Chemicals*. OSHA Directive CPL 02-01-065.

Peters, M. S., Timmerhaus, K. D., & West, R. E. (2002). *Plant design and economics for chemical engineers* (5th ed.). McGraw-Hill Professional.

Shreve, R. N., & Brink, J. J. (1977). *Chemical Process Industries* (No. 4th Edition, p. 814pp).

Sigma-Aldrich. (2012). Material Safety Data Sheet. *Material Safety Data Sheet*, 4(2). Diambil kembali dari https://us.vwr.com/assetsvc/asset/en_US/id/16490607/contents

Sinnott, R. K. (2005). *Coulson & Richardson's Chemical Engineering Volume 6* (4th ed.). Oxford: Elsevier Butterworth-Heinemann.

Smith, J. M., Van Ness, H. C., & Abbott, M. M. (2005). *Introduction to Chemical Engineering Thermodynamics* (7th ed.). McGraw-Hill. <https://doi.org/10.4236/oalib.1100908>

Smoot, L. D., & Smith, P. J. (2013). *Coal combustion and gasification*. Springer Science & Business Media.

Thakore, S. B., & Bhatt, B. I. (2007). *Introduction to Process Engineering and Design*. McGraw-Hill Education (India) Pvt. Ltd.

Treybal, R. E. (1968). *Mass-Transfer Operations* (2nd ed.). McGraw-Hill. <https://doi.org/10.4236/ojs.2019.92017>

Twigg, M. V. (2018). *Catalyst Handbook* (2nd ed.). Routledge. <https://doi.org/10.1201/9781315138862>

Utami, S. W. (2018). Karakteristik kimiawi fly ash batu bara dan potensi pemanfaatannya sebagai bahan pupuk organik. *Agrointek: Jurnal Teknologi Industri Pertanian*, 12(2), 108-112.

Walas, S. M. (2005). *Chemical Process Equipment: Selection and Design* (2nd rev. ed.). Elsevier. <https://doi.org/10.1016/B978-0-7506-7510-9.X5000-1>

Weinstein, M. B. (1997). Process Safety Management Guidelines. Dalam *Total Quality Safety Management and Auditing* (1st ed.). Boca Raton: CRC Press LLC. doi:10.4324/9780203735442-5



Willey, R. J. (2014). Layer of Protection Analysis. *Procedia Engineering*, 84, 12-22.

doi:10.1016/j.proeng.2014.10.405

Yaws, C. L. (1999). *Chemical Properties Handbook : Physical, Thermodynamic, Environmental, Transport, Safety, and Health Related Properties for Organic and Inorganic Chemicals*. New York: McGraw-Hill.