

DAFTAR PUSTAKA

- American Boiler Manufacturers Association (ABMA). 2005. *Boiler Water Quality Requirements*. Vienna, Virginia: ABMA. <http://www.abma.com>
- Aries, R.S. dan Newton, R.D. 1955. *Chemical Engineering Cost Estimation*. New York: McGraw-Hill.
- Arumugam, D., Noslan, M.H., Saad, N.M., dan Jamaludin, R. 2017. *100,000 MTA of Soda Ash Production Plant*. Laporan Tugas Akhir (Design Project), tidak diterbitkan.
- Cahyono, N. dkk. 2021. Risk Analysis Using the Risk-Based Inspection (RBI) Method for a Pressure Vessel at Offshore Platform. *IOP Conference Series: Materials Science and Engineering*, 1052, 012051. <https://doi.org/10.1088/1757-899X/1052/1/012051>
- Chemical Engineering Magazine. 2026. Data Chemical Engineering Plant Cost Index/CEPCI
- Grobicki, A. 2008. *The Future of Water Use in Industry*. Pidato/Address. Geneva: World Health Organization (WHO).
- Kasprzycka-Guttman, T. (Ed.). 1996. *Podręcznik do ćwiczeń z technologii chemicznej*. Warszawa: Wydawnictwa Uniwersytetu Warszawskiego.
- Katadata. 2021. Data konsumsi natrium karbonat di Indonesia
- Kementerian Negara Badan Usaha Milik Negara. 2007. *Peraturan Menteri Negara BUMN Per-05/MBU/2007 tentang Program Kemitraan BUMN dengan Usaha Kecil dan Program Bina Lingkungan*. Jakarta: Kementerian BUMN.
- Kern, D.Q. 1988. *Process Heat Transfer*. New York: McGraw-Hill.
- Liu, J., Wang, S., Zhao, B., Tong, H., dan Chen, C. 2009. Absorption of Carbon Dioxide in Aqueous Amonia. *Energy Procedia*, 1, hlm. 933-940.
- Marnelly, T.R. 2012. Corporate Social Responsibility (CSR): Tinjauan Teori dan Praktek di Indonesia. *Jurnal Aplikasi Bisnis*, 2(2), hlm. 49-59.

- Mihalache, A. 2015. The Dependability Control Analysis Applied to Centrifugal Pumps in a Oil Petrochemical Plant. *ResearchGate*.
<https://www.researchgate.net/publication/291334094>
- Mocellin, P. dkk. 2022. Experimental Methods in Chemical Engineering: Hazard and Operability Analysis—HAZOP. *The Canadian Journal of Chemical Engineering*, 100, hlm. 3450-3469. <https://doi.org/10.1002/cjce.24520>
- MSDS. 2026. CO₂
- MSDS. 2026. H₂O
- MSDS. 2026. Na₂CO₃
- MSDS. 2026. NH₃
- MSDS. 2026. NH₄Cl
- Muthukumar, K. dan Suman, M. 2018. HAZOP Analysis of Fertilizer Industry Including Reactor, Crystallizer and Dryer. *International Journal of Recent Technology and Engineering (IJRTE)*, 7(4S). <https://www.ijrte.org/wp-content/uploads/papers/v7i4s/E2048017519.pdf>
- Parapat, R.Y. dkk. 2025. Integrasi Metodologi HAZOP dalam Pengendalian Risiko dan Keberlanjutan Operasional pada Unit Pemulihan Urea. *NJOHS*, 7(1). <https://scholarhub.ui.ac.id/njohs/vol7/iss1/2/>
- Perry, R.H. dan Green, D.W. 2008. *Perry's Chemical Engineers' Handbook*. Edisi ke-8. New York: McGraw-Hill.
- Peters, M.S. dan Timmerhaus, K.D. 1991. *Plant Design and Economics for Chemical Engineers*. Edisi ke-4. New York: McGraw-Hill.
- Peters, M.S., Timmerhaus, K.D., dan West, R.E. 2003. *Plant Design and Economics for Chemical Engineers*. Edisi ke-5. Boston: McGraw-Hill.
- Pratama, F.A., Negoro, Y.P., dan Purwanto. 2026. Analisis Risiko Kesehatan dan Keselamatan Kerja (K3) pada Area Fabrikasi dengan Pendekatan Job Safety Analysis (JSA) dan

- HIRARC (Studi Kasus: PT. Bramindra Indotama). *Jurnal Teknologi dan Manajemen Industri Terapan (JTMIT)*, 5(2), hlm. 1182-1190.
- Rafianza, M., Harfi, R., dan Setiadi, B. 2024. Analisis Perencanaan Sistem Hydrant pada Gudang Pabrik PT. X dengan Luas 2340 M². *PRESISI*, 26(2).
- Republik Indonesia. 2003. *Undang-Undang Nomor 13 Tahun 2003 tentang Ketenagakerjaan*. Jakarta: Sekretariat Negara.
- Republik Indonesia. 2007. *Undang-Undang Nomor 25 Tahun 2007 tentang Penanaman Modal*. Jakarta: Sekretariat Negara.
- Republik Indonesia. 2008. *Undang-Undang Nomor 40 Tahun 2008 tentang Perseroan Terbatas*. Jakarta: Sekretariat Negara.
- Rio Tinto. (2026). MSDS Solar Salt
- Severns, W.H. dan Degler, H.E. 1964. *Steam, Air, and Gas Power*. New York: John Wiley & Sons.
- Simanjuntak, W., Sembiring, S., Zakaria, W.A., dan Pandiangan, K.D. 2014. The Use of Carbon Dioxide Released from Coconut Shell Combustion to Produce Na₂CO₃. *Makara Journal of Science*, 18(3).
- Smith, J.M., Van Ness, H.C., dan Abbott, M.M. 2001. *Introduction to Chemical Engineering Thermodynamics*. Edisi ke-6. Boston: McGraw-Hill.
- Sudibyo, Supriyatna, Y.I., Nurjaman, F., Handoko, A.S., Mufakhir, F.R., Prasetyo, E., Herlina, U., Suharto, Amin, M., Meliah, S., Isalia, D., dan Karo Karo, P. 2022. Taguchi Application on Sodium Bicarbonate Production Using Modified Solvay Process. *IOP Conference Series: Earth and Environmental Science*, 1017, 012016. <https://doi.org/10.1088/1755-1315/1017/1/012016>
- Sulistyaningtyas, I.D. 2013. *Tanggung Jawab Sosial Perusahaan dalam Program Kampanye Sosial*.

- Uddin, K.M.K., Rahman, M.M., dan Saha, S. 2023. The Impact of Green Tax and Energy Efficiency on Sustainability: Evidence from Bangladesh. *Energy Reports*, 10, hlm. 2306-2318.
- Vilbrandt, F.C. dan Dryden, C.E. 1959. *Chemical Engineering Plant Design*. Edisi ke-4. New York: McGraw-Hill.
- Yanping, D., Lei, F., dan Lihui, W. 2019. Comprehensive Utilization of Amonia-containing Exhaust Gas in Soda Ash Chemical Plants. *E3S Web of Conferences*, 136, 05005. <https://doi.org/10.1051/e3sconf/201913605005>
- Yaws, C.L. 1999. *Chemical Properties Handbook*. New York: McGraw-Hill.