



DAFTAR PUSTAKA

- AWWA (American Water Works Association) 1990, *Water Treatment Plant Design*, 2nd edition, Mc Graw-Hill Book. Co, Singapore.
- Badan Pusat Statistik, 2025, <https://www.bps.go.id/id/exim>
- Badger, Walter L., and Banchemo, Julius T.J.T. 1955, *Introduction to chemical Engineering*, McGraw Hill Book Company, Inc, Tokyo
- Brownell, L.E. & Young, E.H. 1959, *Process Equipment Design*, Wiley Eastern Limited, New Delhi.
- Burns, R. dan Frederick, P. 1941, *Manufacture of Guandine Nitrate*, US Patent No. 2,230,827.
- CEPCI 2025, *Annual index*, dilihat 12 Juli 2025, [Plant Cost Index Archives - Chemical Engineering](#)
- Drozdov, F. V., dan Kotov V. M. 2020, ‘Guanidine: A Simple Molecule with Great Potential: from Catalysts to Biocides and Molecular Glues’, *Journal of Nesmeyanov Institute of Organoelement Compounds of the Russian Academy of Sciences*, Vol.3, Hh.1-12.
- Foust, Alan S., et all 1980, *Principles of Unit Operation*, 2nd edition, John Wiley & Sons, Inc, New York.
- Geankoplis, Christie J. 1993, *Transport Processes And Unit Operations*, 3rd ed, Prentice Hall Inc., New Jersey.
- Hesse, H.C.1945, *Proces Equipment Design*. 1st ed, Van Nostrand Reinhold Company, New York.
- Himmelblau, David M. 2004, *Basic Principles and Calculations in Chemical Engineering*, 7 th edition, Prentice Hall International, Inc, Singapore.
- Hugot, E. 1986, *Handbook of Cane Sugar Engineering*, 3th edition, Elsevier Science Publishing Company, Inc, Amsterdam.
- Joshi, M.V. 1976, *Process Equipment Design*, S G Wasani fot The Macmillan Company of India Limited, New Delhi.



- Kern, D.Q. 1965, *Process Heat Transfer*, Mc-Graw Hill Book Company, New York
- Kementrian Perdagangan, 2022, <https://www.kemendag.go.id/>
- Kementrian Perindustrian, 2024, <https://tkdn.kemenperin.go.id/>
- Kirk-Othmer. 2004. *Encyclopedia of Chemical Technology*. Fifth Edition. New York: McGraw-Hill Book Company Inc.
- Kurs Dollar, *Kurs Dollar Hari Ini 12 Juli 2025*, dilihat pada 12 Juli 2025, <https://kursdollar.org/>
- Kumar, P.A. 2021, ‘Manufacture of Guanidin HCl and Guanidin Nitrate’, *International Journal of Creative Research Thoughts*, Vol,9, No.8, Hh.339-347.
- Levenspiel, Octave, 1972, *Chemical Reaction Engineering*, 2nd ed. John Willey and Sons Inc., Singapore.
- Ludwig, E.E. 1999, *Applied Process Design for Chemical and Petrochemical Plants*, Vol. 1, 3rd ed, Gulf Publishing Company, Houston, Texas.
- Lewis, D.M., and Connolly, M.A.D. 2024, ‘The Effect of Guanidine on Colour Fastness of Acid Dyes Applied to Polyamide Fibres’, *Crimson Publishers*, Vol. 9, No. 5, Hh. 1117.
- Liu, Y., et al. 2018, ‘Thermal hazard evolution on guanidine nitrate’, *Journal of Thermal Analysis and Calorimetry*, Hh. 1.
- NIST Chemistry WebBook, 2025, <https://webbook.nist.gov/chemistry/>
- Mackay, J.S. 1960, *Preparation of Guandine Compounds*, US Patent No. 2,949,484
- Matches Process Equipment Cost Estimate*, dilihat 12 Juli 2025, <http://matche.com/equipcost/EquipmentIndex.html>
- Mc.Cabe, W.L., Smith, J.C., & Harriot, P. 1993, *Unit Operation of Chemical Engineering*. 5th ed, Mc Graw-Hill, New York.
- Meyer, R., Kohler, J., and Homburg, A. 2007, *Explosives Sixth Completely*
- MSDS, 2025, <https://pim-resources.coleparmer.com/sds/86078.pdf>
- MSDS, 2025, <https://chemister.ru/Databases/Chemdatabase/search-en.php>
-



- Perry, R.H, and Green, D. W. 1997, *Perry's Chemical Engineers Handbook Seventh Edition*. New York: Mc. Graw-Hill Book Company
- Perry, R.H, and Green, D. W. 2008. *Perry's Chemical Engineer's Handbook*. 8th Edition. New York: McGraw-Hill Book Company Inc.
- Perry, R.H. and Green, D.W. 1984, *Perry's Chemical Engineer's Handbook*. 6th edition, McGraw Hill Book Company, Singapore.
- Peters, M.S. & Timmerhaus, K.D. 1991, *Plant Design and Economics for Chemical Engineers*. 4th ed, MC.Graw-Hill, New York.
- Peters, M.S. & Timmerhaus, K.D. 2003, *Plant Design and Economics for Chemical Engineers*. 5th ed, MC.Graw-Hill, New York.
- PLN, *Penetapan Penyesuaian Tarif Tenaga Listrik (Tariff Adjustment) April-Juni 2025*, dilihat pada 12 Juli 2025, <https://web.pln.co.id/pelanggan/tarif-tenaga-listrik/tariff-adjustment>
- PT Multi Nitrotama Kimia, 2025, <https://mnk.co.id/>
- PT Pupuk Kujang, 2025, <https://www.pupuk-kujang.co.id/>
- PT Tirta Bening Mulia, 2025, <https://tirtabeningmulia.com/>
- Purnawan, C., dkk 2014, ‘Sintesis Kitosan-Arginin dengan Katalis Piridin dan Uji Aktivitas Anti Bakteri Terhadap Escherichia Coli’, *Indonesian Journal of Chemical Science*, Vol.3, No.2, Hh.99. *Revised Edition*, Wiley-VCH Verlag GmbH, Weinheim.
- Roberts, E. 1962, *Manufacture of Guandine Nitrate*, US Patent No. 3,043,878.
- Robinson, J.N dan Miller, F.J.L. 1959, *Method of Producing Guandine Nitrate*, US Patent No. 2,895,994.
- Smith, J.M., Van Ness H.C., & Abbott M.M. 2001, *Introduction to Chemical Engineering Thermodynamics*, 6th edition, McGraw Hill Companies, Inc, Singapore.
- Solar Industri, *Harga Solar Industri Hari Ini B40 & MFO 01-14 Mei 2025*, dilihat pada 12 Juli 2025, <https://solarindustri.com/berita/harga-solar-industri-01-14-mei-2025/>
-



Standart Procedure Operation Regenerasi Resin Dowex, Condensate Polishing Plant PJB II, Paiton.

Sugiharto, 2008, *Dasar-Dasar Pengelolaan Air Limbah*, UI Press, Jakarta.

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

Undang-Undang Republik Indonesia (2003). *UU No. 13 Tahun 2003 tentang Pemberian Kebijakan Cuti*. UU Ketenagakerjaan Tahun 2003. Jakarta.

Underwood, A.L & R.A. Day 1992, *Analisis Kimia Kuantitatif Edisi Kelima*, Penerbit Erlangga, Jakarta.

Wesley Tchobanoglous, G. dan E. D. Schroeder 1985, *Water Quality*, Addison-Wesley Publishing Company, California.

Wright, G.F. 1947, *Preparation of Guanidin nitrate*, US Patent No. 2431,301.