



PRA RANCANGAN PABRIK

“Pabrik Asam Sulfat dari Sulfur dan Udara dengan Proses Double Contact Double Absorber dengan Kapasitas 65.000 Ton/Tahun”

DAFTAR PUSTAKA

- Alibaba.com (n.d.) Sulfuric Acid Price. Available at: <https://www.alibaba.com> (Accessed: 12 Juni 2026).
- Austin, G.T. 1998 Shreve's Chemical Process Industries. 5th edn. New York: McGraw-Hill.
- Badan Pusat Statistik (2020) Statistik Industri Manufaktur Bahan Baku 2019. Jakarta: Badan Pusat Statistik.
- Badan Pusat Statistik (2020) Statistik Industri Manufaktur Bahan Baku 2019. Jakarta: Badan Pusat Statistik.
- Badan Pusat Statistik (2024) Statistik Industri Manufaktur Bahan Baku 2022, Volume 11. Jakarta: Badan Pusat Statistik.
- Badan Pusat Statistik (2025) Perkembangan Indeks Produksi Industri Manufaktur 2024, Volume 14. Jakarta: Badan Pusat Statistik.
- Badan Pusat Statistik (2025) Statistik Industri Manufaktur Indonesia 2023, Volume 12. Jakarta: Badan Pusat Statistik.
- Badan Pusat Statistik (BPS), 2022. Statistik Industri Manufaktur Bahan Baku 2022. Jakarta: Badan Pusat Statistik.
- Badan Pusat Statistik (BPS), 2026. Data Ekspor Impor Nasional: Sulphuric acid; oleum (HS 2807000). Available at: <https://www.bps.go.id/id/exim> (Accessed: 18 February 2026).
- Badan Standardisasi Nasional (2015) SNI 6241:2015 Air demineral. Jakarta: Badan Standardisasi Nasional.
- Badan Standardisasi Nasional (BSN), 2011, Asam Sulfat, SNI 30:2011, Jakarta
- Badan Standardisasi Nasional (BSN), 2015. SNI 6241:2015 Air Demineral. Jakarta: Badan Standardisasi Nasional.
- Brownell, L.E. & Young, E.H. (1959) *Process Equipment Design: Vessel Design*. New York: John Wiley & Sons.
- Chemical Engineering (2024) *Chemical Engineering Plant Cost Index (CEPCI): Annual Average Index 2024*. New York: Access Intelligence.



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- Duecker, W.W. and West, J.R., 1979, *Manufacture of Sulfuric Acid*. New York: Reinhold.
- Faith, W.L., Keyes, D.B. and Clark, R.L. (1975) *Industrial Chemicals*. 3rd edn. New York: Wiley.
- Gaor, B.B. and Fenderson, S., 1998. *Fundamentals of Sulfur Recovery by the Clauss Process*, Texas : Goar, Allison & Associates, Inc
- Geankoplis, C.J. (1993) *Transport Processes and Unit Operations*. 3rd edn. Upper Saddle River, NJ: Prentice Hall.
- Hermans, J. (2017) *Sulfuric Acid Manufacture: Analysis, Control and Optimization*. Amsterdam: Elsevier.
- Hesse, H.C. (1962) *Process Equipment Design*. New York: D. Van Nostrand Company.
- Himmelblau, D.M. & Riggs, J.B. (2012) *Basic Principles and Calculations in Chemical Engineering*. 8th edn. Upper Saddle River, NJ: Prentice Hall.
(Apabila yang dimaksud benar-benar edisi ke-7, gunakan edisi tahun 2004.)
- Homme, A. C., Jr. (1978). *Contact sulfuric acid process employing double conversion/double absorption* (U.S. Patent No. 4,088,742). U.S. Patent and Trademark Office.
- Junsei Chemical Co., Ltd. (n.d.) Vanadium Pentoxide Product Information. Available at: <https://www.junsei.co.jp> (Accessed: 12 Juni 2026).
- Junsei Chemical Co., Ltd., 2026. Product details: Vanadium(V) Pentaoxide (Vanadium pentoxide), CAS No. 1314-62-1. Available at: <https://www.junsei.co.jp> (Accessed: 18 February 2026).
- Kementerian ESDM, 2022. Laporan Kinerja Sektor Mineral dan Batubara. Jakarta: Kementerian Energi dan Sumber Daya Mineral. 12. Jakarta: Badan Pusat Statistik.
- Kementerian Perindustrian Republik Indonesia. 2025. Data Kapasitas Produksi Industri Kimia Dasar Nasional. Jakarta: Kemenperin RI.
- Kern, D.Q. (1950) *Process Heat Transfer*. New York: McGraw-Hill.
- King, M.J., Davenport, W.G. & Moats, M.S., 2013. *Sulfuric Acid Manufacture: Analysis, Control and Optimization*. 2nd ed. Oxford: Elsevier.



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- Ludwig, E.E. (1995) *Applied Process Design for Chemical and Petrochemical Plants. Vol. 1. 3rd edn.* Houston: Gulf Publishing Company.
- McCabe, W.L., Smith, J.C. & Harriott, P. (2005) *Unit Operations of Chemical Engineering.* 7th edn. New York: McGraw-Hill.
- Mitula Rumah (n.d.) Harga Tanah dan Properti Indonesia. Available at: <https://rumah.mitula.co.id> (Accessed: 12 July 2026).
- Mordor Intelligence (2025) Sulfuric Acid Market – Growth, Trends & Forecast. Available at: <https://www.mordorintelligence.com/industry-reports/sulfuric-acid-market> (Accessed: 18 February 2026).
- Navdeep Enviro, 2018. *Innovative Path-Breaking “Cold Process” to Manufacture Sulphonating Agents and Sulphur-Based Chemicals.* Advances in Environmental Waste Management & Recycling, 1(1), pp.1–9.
- Perhapi (2025) Ditekan Harga Sulfur, Proyek Smelter Nikel HPAL di RI Tak Mandek. Tersedia pada: <https://perhapi.or.id/ditekan-harga-sulfur-proyek-smelter-nikel-hpal-di-ri-tak-mandek/> (Diakses: 4 Maret 2026).
- Perry, R.H. & Chilton, C.H. (1984) *Chemical Engineers' Handbook.* 6th edn. New York: McGraw-Hill.
- Perry, R.H. & Green, D.W. (1997) *Perry's Chemical Engineers' Handbook.* 7th edn. New York: McGraw-Hill.
- Perry, R.H. & Green, D.W. (2008) *Perry's Chemical Engineers' Handbook.* 8th edn. New York: McGraw-Hill.
- Perry, R.H., Green, D.W. & Southard, M.Z. (2019) *Perry's Chemical Engineers' Handbook.* 9th edn. New York: McGraw-Hill Education.
- Peters, M.S. & Timmerhaus, K.D. (1991) *Plant Design and Economics for Chemical Engineers.* 4th edn. New York: McGraw-Hill.
- Raymond, E.D., 1981, *Sulfur: New Sources and Uses*, Ohio: ACS.
- Shreve, R.N. and Brink, J.A., 1977. *Chemical Process Industries* 5th ed. New York: McGraw-Hill
- Smith, J.M., Van Ness, H.C. & Abbott, M.M. (2005) *Introduction to Chemical Engineering Thermodynamics.* 7th edn. New York: McGraw-Hill.



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Sulphuric Acid on the Web (2025) Acid Plant Database. Available at:
<https://www.sulphuric-acid.com> (Accessed: 18 February 2026).

The Essential Chemical Industry (2016) Sulfuric acid. Tersedia pada:
<https://www.essentialchemicalindustry.org/chemicals/sulfuric-acid.html>
(Diakses: 3 Maret 2026).

Tokopedia (n.d.) Harga Bahan Kimia Industri. Available at:
<https://www.tokopedia.com> (Accessed: 12 July 2026).

Towler, G. & Sinnott, R., 2013. Chemical Engineering Design. 2nd ed. Oxford: Elsevier.

Tri, B. R. (2016). Analisis Risiko Kesehatan Lingkungan Paparan Gas Hidrogen Sulfida (H₂S) pada pemulung Akibat Timbulan Sampah di TPA Jatibarang Kota. Kesehatan Masyarakat, 692-701.

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

UrbanIndo (n.d.) Harga Tanah Indonesia. Available at: <https://www.urbanindo.com>
(Accessed: 12 July 2026).

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