



Pra Rancangan Pabrik

“Pabrik *Anhydrous Insoluble Calcium Sulfate* dari *Phosphogypsum* dengan Proses Kalsinasi”

DAFTAR PUSTAKA

- Badan Pusat Statistik, 2025, “Impor Komoditi Kalsium Sulfat Anhidrat Sektor Industri”, (<https://www.bps.go.id>), Diakses pada tanggal 21 Agustus 2025
- Brownell, L. E., and Young, E. H., 1959, *Process Equipment Design*, John Wiley & Sons, Inc., New York.
- Kern, D.Q. 1983. *Process Heat Transfer*. McGraw-Hill Book Company, New York.
- Kirk, R.E. & Othmer, D.F. 1962. *Encyclopedia of Chemical Technology: Calcium Sulfate*. John Wiley and Sons, New York.
- Kusnarjo, 2010. “Desain Pabrik Kimia”, Institut Teknologi Sepuluh November, Surabaya.
- Ludwig, E.E. 1991. *Applied Process Design For Chemical And Petrochemical Plants, Volume I, 2nd Edition*, Gulf Publishing Company Book Division, Houston.
- McCabe, W.L., Smith, J.C., & Harriott, P. 2005. *Unit Operations of Chemical Engineering, 7th ed.*, McGraw-Hill, Singapore.
- Othmer, Kirk. *Encyclopedia of Chemical Processing and Design*, Vol. 14, Marcel Dekker Inc., New York.
- Perry, R.H. & Green, D.W. 2008. “*Perry’s Chemical Engineer’s Handbook*”, 8th ed., McGraw-Hill Book Company Inc., New York.
- Peters, M. S & Timmerhaus, K. D. 2003. “*Plant Design and Economics For Chemical Engineers 5ed*”, New York : McGraw-Hill.
- Petrokimia Gresik, 2025. *Laporan Data Komposisi Phosphogypsum Tahun 2025*. PT Petrokimia Gresik, Gresik.
- PT Smelting, 2025. *Laporan Produksi dan By-Product Tahun 2025*. PT Smelting, Gresik.
- Rahman, M., Abdullah, H., & Setiawan, D. 2020. *Energy Optimization in Industrial Gypsum Calcination Processes*. *Journal of Process Engineering*.



Pra Rancangan Pabrik

“Pabrik *Anhydrous Insoluble Calcium Sulfate* dari *Phosphogypsum* dengan Proses Kalsinasi”

- Smith, J. M., Van Ness, H. C., & Abbott, M. M. 2001, “Introduction to Chemical Engineering Thermodynamics”, 6th ed, New York : McGraw-Hill Book Company Inc.
- Sutanto, A., Prasetya, R., & Widodo, S. 2021. Pemanfaatan Limbah Gypsum Industri sebagai Bahan Baku Material Bangunan. Jurnal Teknologi Material Indonesia.
- Ulrich, G.D. 1984. A Guide to Chemical Engineering Process Design and Economics. John Wiley and Sons, Inc., New York.
- UN Comtrade, 2025, ”Indonesia Calcium Sulfate Anhydrite Trade Data”, (<https://comtradeplus.un.org>), Diakses pada tanggal 21 Agustus 2025
- XIMI Material Co., 2025. Product Specification Sheet: Insoluble Anhydrite II (CaSO₄). XIMI Industrial Materials.
- Yaws, Carl L. 1999, “Chemical Properties Handbook : Physical, Thermodynamic, Environmental, Transport, Safety, and Health Related Properties for Organic and Inorganic Chemicals”, New York : McGraw-Hill
- Zhang, L., Wei, X., & Cao, J. 2019. Effect of Calcination Temperature on Anhydrite II Purity from Phosphogypsum. Chemical Engineering Research Bulletin.