



Tugas Akhir Pra Rancangan Pabrik

Pra Rancangan Pabrik Dipotassium Phosphate dari Phosphoric Acid dan Potassium Hydroxide dengan Proses Kristalisasi

DAFTAR PUSTAKA

- AWWA. (1999). Water Treatment Plant Design, 5ed. Mc Graw-Hill, New York
- Badan Pusat Statistik (2025), Available at : <https://www.bps.go.id/id/exim> (Accessed: 20 Januari 2025).
- Badger, W.L., and Banchero, J.T., 1955, Introduction to Chemical Engineering, In ted, McGraw-Hill Book Company Inc, N.Y.
- Brownell, L.E. Young. 1959. Process Equipment Design. John Wiley & Sons Inc., N.Y.
- Coulson JM, Richardson JF, Sinnott RK. *Coulson & Richardson's Chemical Engineering. Volume 6: Chemical Engineering Design*. 4th ed. Oxford: Elsevier Butterworth-Heinemann; 2005.
- Gauvreau P. *Catalyst compositions and methods of use*. International Patent Application WO 2021/203123 A1. Geneva: World Intellectual Property Organization; 2021 Oct 7. Filed under PCT/US2021/070323. Priority date: 2020 Mar 31 (US 62/994,626)
- Geankoplis, C.J. (1983). Transport Processes and Unit Operations 2ed. Allyn and Bacon Inc. Boston
- Hesse, H.C., 1962, Proses Equipment Design, 8th print, Van Nostrand Reinhold Company Inc., New Jersey.
- Himmelblau, D. M., 1989, Basic Principles and Calculation in Chemical Engineering, 5ed, Prentice-Hall International, Singapore.
- Hoyt, H.M. (2022) The Impact of Heat Process and Dipotassium Phosphate on Chemical, Physical, and Sensory Properties of Milk Protein Beverages. A thesis submitted to the Graduate Faculty of North Carolina State University in partial fulfillment of the requirements for the degree of Master of Science.
- Huang, Y. et al. (2011), 'preparation Method Of High-Purity Dipotassium Phosphate Crude Drug', China Patent CN 102167298 A
- Joshi, M. V., 1976, Process Equipment Design, Delhi : The Macmillan Company of India Limited.
-



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-
- Kern, D.Q., 1950, Process Heat Transfer, New York : McGraw Hill Company.
- Lampila, L.E. (2013) ‘Applications and functions of food-grade phosphates,’ Annals of the New York Academy of Sciences, 1301(1), pp. 37–44. Available at: <https://doi.org/10.1111/nyas.12230>.
- Ludwig, E. E., dan Coker, A. Kayode 2007. Ludwig's Applied Process Design for Chemical and Petrochemical Plants 1, Elsevier Inc
- Pemerintah Indonesia, 2023, Undang-Undang Republik Indonesia Nomor 2 Tahun 2023 Tentang Kesehatan Air Untuk Keperluan Higiene Sanitasi, Lembaran RI Tahun 2023, Lembar 33
- McCabe, W L (1993), Unit Operation of Chemical Engineering , 5th ed . Int. ed , McGraw-Hill Inc. , New York.
- Novikov AA, Yongxu L, Tiflova LA, Kurdakova SV, Kovalenko NA, Uspenskaya IA. Thermodynamic properties of $\text{NaH}_2\text{PO}_4 \cdot 2\text{H}_2\text{O}$ and $\text{K}_2\text{HPO}_4 \cdot 3\text{H}_2\text{O}$ crystal hydrates. *Russ J Phys Chem A*. 2024;98(9):1933–1940. <https://doi.org/10.1134/S0036024424701048>
- Othmer, D. F., Kirk, R. E., 2001. “*Encyclopedia of Chemical Technology*”, Vol 22. 5th Edition”, John Wiley and Sons Inc, New York.
- Patel, Himanshu. 2023. “*Handbook For Chemical Process Industries*”, Pacific School of Engineering, Gujarat, India
- Perry, Robert H. dan Dow W. Green. 1997. *Perry's Chemical Engineer's Handbook 7th ed.* New York: McGraw-Hill Book Company Inc.
- Perry, Robert H. dan Dow W. Green. 2008. *Perry's Chemical Engineer's Handbook 8th ed.* New York: McGraw-Hill Book Company Inc.
- Perry, Robert H. dan Dow W. Green. 2018. *Perry's Chemical Engineer's Handbook 9th ed.* New York: McGraw-Hill Book Company Inc.
- Peters, Max S., Timmerhaus, Klaus D., dan West Ronald E. “*Plant Design And Economics for Chemical Engineers Fifth Edition*” New York: McGraw-Hill Book Company Inc.
- Severn, W.H, Degler, H.E., Miles, J.C., 1959, Steam, Air, and Gas Power, New York : John Wiley & Sons, Inc.
- Smith, J.M., Van Ness, H.C., & Abbot, M.M., 2005, Introduction to Chemical



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Engineering Thermodynamics 7th Edition, New York : McGraw Hill Company.

Sugiharto, 2008. “*Dasar-Dasar Pengolahan Air Limbah*”, Universitas Indonesia Press, Jakarta

Ulrich, G.D. 1984. “Guide To Chemical Engineering Process Design And Economics, New York: Wiley.

United Nations Comtrade (2025), Available at :
<https://comtradeplus.un.org/TradeFlow> (Accessed: 20 Januari 2025)

United States Pharmacopeial Convention. Dibasic Potassium Phosphate. In: United States Pharmacopeia 35 – National Formulary 30 (USP 35–NF 30). Rockville, MD: United States Pharmacopeial Convention; 2012. p. 4377–4379.

Yaws, Carl L., 1999, Chemical Properties Handbook, Mc Graw Hill Book Co, Inc, United States of America