



Pra Rencana Pabrik

Pabrik Monobasik Kalium Fosfat dari Asam Fosfat dan Kalium Hidroksida dengan Proses Kristalisasi dengan Kapasitas 50.000 Ton / Tahun

DAFTAR PUSTAKA

- Artamevia, F. S., 2020, *Laporan Praktek Kerja Lapangan PT. Petrokimia Gresik Departemen Produksi III A*, Surabaya, Universitas Pembangunan Nasional Veteran Jawa Timur.
- Badan Pusat Statistik, 2020, 'Export dan Import', (<http://bps.go.id/exim>), Diakses : 01 Maret 2021.
- Badan Standarisasi Nasional, 2016, *Spesifikasi dan Kontruksi Alat Pembakar (Burner) Gas Tekanan Rendah*, SNI 15-4064-1996, Jakarta.
- Badger, W. L., Banchero, J. T., 1955, *Introduction to Chemical Engineering*, New York : McGraw Hill Company.
- Brown, G. G., 1978, *Unit Operations*, New York : John Wiley & Sons.
- Brownell, L.E., dan Young, E.H., 1959, *Process Equipment Design*, New York : Chloride (PAC), dan Tawas sebagai Koagulan untuk Air Jernih', *Jurnal Keteknikan Pertanian Tropis dan Biosistem*, 1(3):186-193.
- Coulson, J. M., Richardson, J. F., 1983, *Chemical Engineering*, New York : Elsevier.
- Durkin, P.R., 2009, 'Aqueous Chlorine Based Antimicrobial/Disinfectant Products : Final Report', Syracuse Environmental Research Associates. Inc. 'Monopotassium Phosphate as an in-Season Fertigation Option for Potato', *Journal of Plant Nutrition*, 33:1422-1434.
- Ettmayer, Lengauer. 2012. "Ullmann's Encyclopedia of Industrial Chemistry", *Ullmann's Encyclopedia of Industrial Chemistry*, Weinheim : Wiley.
- Erickson, W.R., Stain, D.B., & Wilson, J.D., 1988, 'Production of Monobasic Potassium Phosphate with Low Chloride Content from Potassium Chloride and Phosphoric Acid Produced from the Commercial Wet Process', US Patent No. 4,885,148.
- FAO, 2021, 'Potassium Dihydrogen Phosphate', (<http://www.fao.org>), Diakses : 04 Maret 2021.
- Geankoplis, C.J, 1993, *Transport Processes and Unit Operations Third Edition*, New Jersey : Prentice-Hall, Inc.



Pra Rencana Pabrik

Pabrik Monobasik Kalium Fosfat dari Asam Fosfat dan Kalium Hidroksida dengan Proses Kristalisasi dengan Kapasitas 50.000 Ton / Tahun

- Gibson, S., 'Improving Spray Drying Efficiency', (<http://process-heating.com/articles/85209/improving-spray-drying-efficiency>), Diakses : 04 Maret 2021.
- Hannifin, Parker. 2021, 'Comparison of Filter Press and VPL/DE Filters', (<http://www.twinfiler.com>), Diakses : 04 Maret 2021.
- Hesse, H. C., Rushton, J. H., 1945, *Process Equipment Design*, New Jersey : The D. Van Nostrand Company.
- Himmelblau, D. M., Riggs, J. B., 2012, *Basic Principles and Calculations in Chemical Engineering*, New Jersey : Prentice-Hall, Inc.
- Hopkins, B.G., Ellsworth, J.W., Shiffler, A.K., Cook, A.G., & Bowen, T.R., 2010,
- Hougen, O. A., Watson, K. M., 1947, *Chemical Process Principles*, New York :
- Iannicelli, J. dan Pechtlin, J., 2009, 'Process for the Manufacture of Monobasic
- Fletcher, Roger. 2013. "*Practical methods of optimization*". John Wiley & Sons.
- Joshi, M. V., 1976, *Process Equipment Design*, Delhi : The Macmillan Company of India Limited.
- Kern, D.Q., 1950, *Process Heat Transfer*, New York : McGraw Hill Company.
- Leitch, R.D, 1932, *Report of Investigations*, Illinois : United States Bureau of Mines.
- Lenntech, 2021, 'Dowex Marathon A', (<http://lenntech.com>). Diakses : 04 April 2021.
- Lenntech, 2021, 'Dowex Marathon C', (<http://lenntech.com>). Diakses : 04 April 2021.
- Ludwig, E., 1964, *Applied Process Design For Chemical And Petrochemical*, Texas : Gulf Publishing Company.
- McCabe, W. L., Smith, J. C., dan Harriott, P., *Unit Operations of Chemical Engineering 5th Edition*, New York : McGraw Hill Company.
- Monteagudo, S. I. M., Yan, B., dan Balasubramaniam, V. M., 2016, 'Engineering Process Characterization of High Pressure Homogenization from Laboratory to Industrial Scale', *Food Engineering Reviews*.
- Pengolahan Limbah Cair Industri Tahu', *Conference Proceeding on Waste Treatment Technology*, 183-188.
-



Pra Rencana Pabrik

Pabrik Monobasik Kalium Fosfat dari Asam Fosfat dan Kalium Hidroksida dengan Proses Kristalisasi dengan Kapasitas 50.000 Ton / Tahun

-
- Perry, R.H. dan Don, W., 1997, *Perry's Chemical Engineers's Handbook 7th Edition*, New York : McGraw Hill Company.
- Perry, R.H. dan Don, W., 2008, *Perry's Chemical Engineers's Handbook 8th Edition*, New York : McGraw Hill Company.
- Peters, M.X. dan Timmerhaus, K.D., 1991, *Plant Design and Economic for Chemical Engineers*, New York : McGraw Hill Company.
- Potash Corp, *Purified Phosphoric Acid*, Northbrook.
- Potassium Phosphate', US Patent No. 7,601,319.
- Ramadhani, S., Sutanhaji, A.T., & Widiatmono, B.R., 2013, 'Perbandingan Efektivitas Tepung Biji Kelor (*Moringa oleifera Lamk*), Poly Aluminium
- Ross, W.H., Mehring, A.L., & Merz, A.R., 1927, 'Manufacture of Monopotassium Phosphate', *Industrial and Engineering Chemistry*, 19:211.
- Sabilina, P.E., Setiawan, A., & Afiuddin, A.E., 'Studi Penggunaan Dosis Koagulan PAC (Poly Aluminium Chloride) Flokulan Polymer Anionic pada
- Schrodter, K., Bettermann, G., Staffel, T., Wahl, F., Klein, T., & Hofmann, T.,
- 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 Engineering Thermodynamics 7th Edition*, New York : McGraw Hill Company.
- Sugiharto, 1987, *Dasar-Dasar Pengelolaan Air Limbah*, Jakarta : UI Press.
- Ulrich, G.D., 1976, *A Guide to Chemical Engineering Process Design and Economics*, New York : John Wiley & Sons.
- Vaccari, D., 2009, 'Phosphorus : a Looming Crises', *Scientific American*, 54-59.
- Wallas, S. M., 1990, *Chemical Process Equipment : Selection and Design*, Boston : Butterworth-Heinemann.
- Wang, Y., Wang, W., Lu, M., & Wei, X., 2015, 'Preparation Method of Monopotassium Phosphate', CN104876202A.
- Worldbank, 2021, 'Phosphate of Potassium', (<http://wits.worldbank.org>), Diakses : 04 Maret 2021.