

DAFTAR PUSTAKA

- Aries, R. S. dan Newton, R. D., 1955, "Chemical Engineering Cost Estimation", McGraw-Hill, New York.
- Bank Indonesia, 2022, [https://www.bi.go.id/id/publikasi/ruang-media/news-release/Pages/sp_2413622.aspx#:~:text=Rapat%20Dewan%20Gubernur%20\(RDG\)%20Bank,Facility%20sebesar%204%2C25%25.](https://www.bi.go.id/id/publikasi/ruang-media/news-release/Pages/sp_2413622.aspx#:~:text=Rapat%20Dewan%20Gubernur%20(RDG)%20Bank,Facility%20sebesar%204%2C25%25.), diakses pada 7 Juni 2022.
- Bird, R.B., Stewart, W.E., Lightfoot, E.N. (2002). *Transport Phenomena 2nd Edition*. John Willey & Sons, Inc., New York.
- Brown, G. G., Katz, D., Foust, A. S., dan Schneidewind, C. (1950). *Unit Operation*, John Wiley and Sons, Inc., New York.
- Brownell, L.E and Young, E.H. (1959). *Equipment Design*, John Willey & Sons, Inc., New York.
- Choi, M. and Yoon, B. (2013) 'Study for production of zirconium sponge by separated-reduction process', 8th Pacific Rim International Congress on Advanced Materials and Processing 2013, PRICM 8, 3, pp. 2313–2316. doi: 10.1002/9781118792148.ch287.
- Concoa Precision Gas Controls. [online]. Available at: <<https://concoa.com/>> [Accessed 5 January 2022].
- Coulson, J. M. and Richardson, J. F. (1983). *Chemical Engineering*. Pergamon Press, Oxford.
- Couper, J.R., Penney, W.R., Fair, J.R., 2012, "Chemical Process Equipment: Selection and Design", 3 ed., Butterworth-Heinemann, Massachusetts
- Crowl, D. A. and Louvar, J. F. (2011). *Chemical Process Safety Fundamentals with Applications Third Edition*. Pearson Education, Inc. Boston.
- David R. Lide, ed. (2005). *CRC Handbook of Chemistry and Physics, Internet Version 2005*, <<http://www.hbcnetbase.com>>, CRC Press, Boca Raton, FL.
- Department of Physics University of Illinois at Urbana-Champaign. [online]. Available at: <<https://van.physics.illinois.edu/>> [Accessed 1 January 2022].

- Geankoplis, C. (1993). *Transport Processes and Unit Operations*. Engelwood Cliffs, N.J.: PTR Prentice Hall.
- Hartoyo dan Kurniawan, W. (2019). Prarancangan Pabrik Zirkonium dari Pasir Zirkon Kalimantan Tengah dengan Kapasitas 1500 Ton/Tahun. Universitas Gadjah Mada.
- Herman, A. dan Jeffress, C. (2000) *Process Safety Management (PSM)*. Washington, D.C.: OSHA.
- Jazini, M. H., Ghoreishi, S. M. and Dadkhah, A. A. (2010) ‘Modeling of carbochlorination of zircon in fluidized bed reactor’, *Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science*, 41(1), pp. 248–254. doi: 10.1007/s11663-009-9322-3.
- Ken Whitelaw. 1997. “ISO 14001 *Environmental System Handbooks*”. Jordan Hillm, Oxford.
- Keputusan Gubernur Kalimantan Tengah Nomor 188.44/445/2021 mengenai Upah Minimum Kabupaten/Kota di Provinsi Kalimantan Tengah Tahun 2022, diakses pada 15 Juni 2022.
- Kern, D.Q. (1950). *Process Heat Transfer : International Student Edition*. Mc.Graw Hill Co .
- Lenntech, 2016, www.lenntech.com, diakses pada 27 Maret 2021.
- Manieh, A.A. dan Spink, D.R. (1973). *Chlorination of Zircon Sand*. Canadian Metallurgical Quarterly, 12(3), 331-340.
- Material Safety Data Sheet*.
- McCabe, W.L, Smith, J.C., Harriott, P. (1993). *Unit Operations of Chemical Engineering 5th Edition*, McGeaw-Hill, Inc., New York.
- McGraw-Hill Higher Ed, 2002, <http://www.mhhe.com/engcs/chemical/peters/data/ce.html>, diakses pada 14 Juni 2022.
- Milligan D. dan Miligan J, Matches, 2014, <http://www.matche.com/equipcost/EquipmentIndex.html>, diakses pada 11 Juni 2022.
- Peraturan Kementrian Lingkungan Hidup Republik Indonesia Nomor 5 Tahun 2014 tentang Baku Mutu Air Limbah Industri Petrokimia

- Peraturan Pemerintah Republik Indonesia No. 41 Tahun 1999 tentang Pengendalian Pencemaran Udara, diakses 31 Maret 2021.
- Perry, R.H. (1997). *Perry's Chemical Engineers' Handbook*, 7th ed. United States of America. Mc.Graw Hill Co
- Peters, M. S. dan Timmerhaus, K. D., 1991, "Plant Design and Economics for Chemical Engineers", 4th ed, McGraw-Hill, Singapura.
- Perry, R.H. (1997). *Perry's Chemical Engineers' Handbook*, 7th ed. United States of America. Mc.Graw Hill Co
- Plant Cost Index, 2022, <https://www.chemengonline.com/site/plant-cost-index/>.
- Powell, S.T., 1954, "Water Conditioning for Industry", 1st ed., Mc Graw Hill Book Co., Tokyo.
- Pubchem.ncbi.nlm.nih.gov. n.d. *Pubchem*. [online] Available at: <https://pubchem.ncbi.nlm.nih.gov/> [Accessed 31 December 2021]
- Rase, H. F., dan Barrow, M. H. (1977). *Chemical Reactor Design for Process Plant*, 1st ed., Mc Graw Hill Book Company, Inc., New York.
- Schweitzer, P.A. (1979). *Handbook of Separation Techniques for Chemical Engineers*. McGraw Hill Co.
- Shin, J.H dan Park, J.H. (2015). *Diffusion Coefficient of Gaseous Zirconium Tetrachloride* (ZrCl₄). *Fluid Phase Equilibria*, Volume 389, 2015, Pages 4-8, ISSN 0378-3812, <https://doi.org/10.1016/j.fluid.2015.01.006>.
- Smith, J.M., Van Ness, H.C., Abbott, M.M. (2004). *Introduction to Chemical Engineering Thermodynamics*. Mc.Graw Hill Co.
- Sulistyo. (2005). Pembuatan Zirkon Tetraklorida dari Pasir Zirkon dengan Proses Kering Secara Langsung. *Ganendra* (8),1, pp. 15-22
- Sunardjo, dkk. 2007. Klorinasi Pasir Zirkon dalam Bentuk Briket. P3TM Batan. Badan Tenaga Nuklir Nasional
- Suseno, T. et al. (2013) 'Kajian prospek pengembangan usaha peningkatan nilai tambah zirkon', Pusat Penelitian Dan Pengembangan Teknologi Mineral Dan Batubara Badan Penelitian Dan Pengembangan Teknologi Mineral Dan Batubara Kementerian Energi Dan Sumber Daya Mineral.
- The Engineering Toolbox. [online]. Available at: <https://www.engineeringtoolbox.com/> [Accessed 2 January 2022].

- Treybal, R.E. 1968. *Mass Transfer Operations. 2nd Edition*. New York, McGraw Hill.
- Trivonov, K.I., Larionov, A.S., Krotov, V.E., Nikiforov, A.F. (2021). *Viscosities of the $KAlCl_4$ - $ZrCl_4$ - $HfCl_4$ Salt Melts*. Russ Metall, 954-956 (2021).
<https://doi.org/10.1134/S0036029521080188>
- Tsirel'nikov, V.I., Komissarova, L.N., Spitsyn, V.I. (1961). *Thermal Conductivity and Viscosity of Zirconium Tetrachloride and Hafnium Tetrachloride Vapors in The Temperature Range of 300 to 700 C*. Doklady Akad. Nauk S.S.S.R. Vol. 139
- Ulrich G.D., 1984, "A Guide to Chemical Engineering Process Design and Economics", John Wiley & Sons, Inc., New York.
- Walas, S.M. (1990). *Chemical Process Equipment : Selection and Design*. Washington D.C.
- Xu, L., Xiao, Y., Sandwijk, A., Xu, Q., Yang, Y. (2015). *Production of Nuclear Grade Zirconium : A Review*. Journal of Nuclear Materials ,466, pp.21-28
- Yaws, C. L. (1999). *Chemical Properties Handbook : Physical, Thermodynamic, Environmental, Transport, Safety, and Health Related Properties for Organic and Inorganic Chemicals*. New York, McGraw-Hill.