

## DAFTAR PUSTAKA

- Adebajo, M.O., Howe, R.F. and Long, M.A., 2000. Methylation of *benzene* with methanol over zeolite catalysts in a low pressure flow reactor. *Catalysis Today*, 63(2–4),pp.471–478.
- Aries, R. S. and Newton, R. D., 1955, “*Chemical Engineering Cost Estimation*”, pp. 1-16; 52; 77-78; 97-119; 163-164; 177; 185-197; 203-209, McGraw-Hill Book Company, Inc., New York.
- Ashraf, M.T., Chebbi, R. dan Darwish, N.A., 2013. Process of p - *Xylene* Production by Highly Selective Methylation of *Toluene*. *Industrial and Engineering Chemistry Research*, 52, pp.13730–13737.
- Awadallah-F, A. dan Al-Muhtaseb, S., 2013, Carbon dioxide sequestration and methane removal from exhaust gases using resorcinol–formaldehyde activated carbon xerogel. *Adsorption*, 19(5), pp.967-977.
- Badan Pusat Statistik Kota Bontang. 2019. Statistik Daerah Kota Bontang 2019.
- Badak LNG. Majalah SINERGY Edisi 43. 2019. Gas Bumi untuk Negeri: Potensi LNG di Indonesia
- Brown, G. G., Katz, D., Foust, A.S., dan Schneidewind, R., 1950. Unit Operations. John Wiley and Sons, Tokyo.
- Brownell, L.E. dan Young, E.H., 1959, “Process Equipment Design”, John Wiley and Sons, Inc., New York.
- Consoli, D. and Lee, S., 2013. Natural Gas to BTX.
- Coulson, J. M., dan Richardson, J.F., 2005, “Chemical Engineering Design”, vol 6, 4th ed., Elsevier Butterworth-Heinemann, Oxford, pp. 208, 477.
- Crowl, Daniel A., and Joseph F. Louvar. 1990. *Chemical process safety: fundamentals with applications*. Englewood Cliffs, N.J.: Prentice Hall.
- Global Investment & Business Center, 2015. Indonesia Oil and Gas Industry Handbook. 1st ed. Washington DC: International Business Publications, USA.
- Grand View Research, 2016. *Paraxylene* market expected to grow at CAGR of 7.0% from 2015 to 2022.

- Grande, C., Lopes, F., Ribeiro, A., Loureiro, J. dan Rodrigues, A., 2008, Adsorption of Off-Gases from Steam Methane Reforming ( $H_2$ ,  $CO_2$ ,  $CH_4$ ,  $CO$  and  $N_2$ ) on Activated Carbon. *Separation Science and Technology*, 43(6), pp.1338-1364.
- ICIS, 2007. Dimethyl Terephthalate (DMT) Uses and Market Data. [online] Available at: <https://www.icis.com/resources/dimethyl-terephthalate-dmt-uses-and-market-data/> [Accessed 22 May 2023].
- Kementerian Perindustrian, 2014. Profil Industri Petrokimia Hulu.
- Kern, D., 1965, *Process Heat Transfer*. McGraw Hill
- Walas, S. (1990). *Chemical Process Equipment : Selection and Design*. Butterworth-Heinemann.
- Kucera, J., 2010, "Reverse Osmosis, Industrial Application and Processes", Scrivener Publishing, USA, p.171.
- Kuppusami, S. and Oskouei, R.H., 2015. Parylene Coatings in Medical Devices and Implants: A Review. *Universal Journal of Biomedical Engineering*, 3(2), pp.9–14.
- Perry, R.H., Green, D.W., 2008, "Perry's Chemical Engineers' Handbook", 8<sup>th</sup> ed., McGraw-Hill Companies, Inc., New York.
- Peters, M. S. and Timmerhaus, K. D., 1991, "*Plant Design and Economics for Chemical Engineers*", 4th ed., pp. 150-209; 618-686; 708-713, McGraw-Hill Book Company, Inc., New York.
- Powell, S.T., 1954, "Water Conditioning for Industry", 1 ed., Mc Graw-Hill, Inc., Tokyo.
- Rase, H., 1957, *Piping design for process plants*, Malabar, FL: Kreiger.
- Richardson, J., Harker, J. dan Backhurst, J., 1999, *Coulson and Richardson's chemical engineering*.
- Smith, J., Van Ness, H., Abbott, M. and Swihart, M., 2001, *Introduction to chemical engineering thermodynamics*.
- Sotelo, J.L., Uguina, M.A., Valverde, J.L. and Serrano, D.P., 1993. Kinetics of *toluene* alkylation with methanol over Mg-modified ZSM-5. *Industrial and Engineering Chemistry Research*, 32, pp.2548–2554.
- Tchobanoglous, G., Burton, F.L., Stensel, H.D., 2003, "Wastewater Engineering Treatment and Reuse", 4th ed., McGraw Hill, People's Republic of China, p. 324

- Treybal, R.E., 1981, "Mass Transfer Operations", 3<sup>rd</sup> ed., McGraw-Hill Int'l, Editions, Singapore.
- Turton, R., Bailie, R.C., Whiting, W.B., Shaeiwitz, J.A., and Bhattacharyya, D., 2013, "Analysis, Synthesis, and Design of Chemical Processes", 4th ed, Pearson Education International: Upper Saddle River, NJ, USA.
- Ulrich, G.D., Vasudevan, P.T., 1984, "Chemical Engineering Process Design and Economics: A Practical Guide", Durham, N.H, Process Pub.
- Vatavuk, William M., 2002, Updating the CE Plant Cost Index, [www.che.com](http://www.che.com), New York.
- Wang, K.L., Chen, J.P., Hung, Y.T., Shammass, N.K., 2011, "Membrane and Desalination Technologies", Vol. 13, Humana Press, London", p.448.
- Yaws, C., 1999, Yaws' handbook of thermodynamic and physical properties of chemical compounds. Norwich, NY: Knovel.
- <http://alibaba.com> diakses pada 12 Mei 2018
- <http://bi.go.id/> diakses pada 14 Mei 2018
- <http://bmkg.go.id> diakses pada 26 Maret 2018
- <http://chemengonline.com/> diakses pada 12 Mei 2018
- <http://cita.or.id/> diakses pada 14 Mei 2018
- <http://industryintel.com/topic/paraxylene> diakses pada 14 Mei 2018
- <http://lenntech.com> diakses pada 26 Maret 2018
- <http://matche.com/equipcost/> diakses pada tanggal 12 Mei 2018
- <http://mhhe.com/engcs/chemical/peters/data/ce.html> diakses pada tanggal 12 Mei 2018
- <http://pajak.go.id/> diakses pada 14 Mei 2018
- <http://ppid.bontangkota.go.id/> diakses pada 13 Mei 2018