



DAFTAR PUSTAKA

- (NPC). (2007). GAS TO LIQUIDS (GTL). Working Document of the NPC Global Oil & Gas Study.
- Aboosadi, A., dkk. 2011. "Optimization of tri-reformer reactor to produce synthesis gas for methanol production using differential evolution (DE) method". *Applied Energy* 88 (2011) 2691–2701.
- Adi, A. C., Lasnawatin, F., Indarwati, F., Indarwati, F., Anutomo, I. G., Thaib, Z., Yuanningrat, H. (2018). Handbook of Energy & Economic Statistics of Indonesia. Ministry of Energy and Mineral Resources, Republic of Indonesia.
- Antos, G. J., & Aitani, A. M. (2004). Antos Aitani Catalytic Naphtha Reforming.
- Aries, R. S., and Newton, R. D., 1955, Chemical Engineering Cost Estimation, McGraw-Hill, New York.
- Asia, S. E., Pta, A., Asia, O. X., Ethylene, O., Tight, N. A., Pe, P. A., & Meg, A. (2018). Asia petrochemical outlook, (January), 1–17.
- Babaqi, B. S., Takriff, M. S., Tantiyani, N., Ali, B., & Ba-abbad, M. M. (2016). Comparison of Catalytic Reforming Processes for Process Integration Opportunities : Brief Review Comparison of Catalytic Reforming Processes for Process Integration Opportunities : Brief Review, (January).
- Badan Pusat Statistik. (2018). Kota Bontang Dalam Angka 2018, 476.
- Brown, G. G., Katz, D., Foust, A. S., and Schneidewind, C., 1950, "Unit Operation", John Wiley and Sons, Inc., New York
- Commission, C. E., Air, C., & Board, R. (2015). California Energy Commission California Air Resources Board, (December)
- Couper, J. R., Penney, W. R., Fair, J. R., & Walas, S. M. (2012). "Chemical Process Equipment Selection and Design Third Edition". Oxford: Elsevier Inc.
- Crowl, D.A, Louvar, J.F. 2002. Chemical Process Safety. Prentice Hall. New Jersey.
- Gaile, A. A., Erzhenkov, A. S., Semenov, L. V, Varshavskii, O. M., Zalishchevskii, G. D., Somov, V. E., & Marusina, N. B. (2001). Extraction of Aromatic Hydrocarbons with Triethylene Glycol ! Sulfolane Mixed Extractant o a,



74(10), 1668–1671.

Global. (2018). S & P GLOBAL PLATTS PETROCHEMICAL INDEX (PGPI)
- MARCH 2018, (March), 2018.

Gyngazova, M. S., Kravtsov, A. V., Ivanchina, E. D., Korolenko, M. V., &
Chekantsev, N. V. (2011). Reactor modeling and simulation of moving
bed catalytic reforming process. *Chemical Engineering Journal*, 176 –
177(January), 134–143. <https://doi.org/10.1016/j.cej.2011.09.128>

Heyer, E. (2012). Interview with Laura Fortunato, Winner of the 2011 Gabriel W.
Lasker Prize. *Human Biology*, 84(3), 227–234.
<https://doi.org/10.3378/027.084.0301>

Hu, D. X. (2013). Industrial Feedstock Chemicals.
<http://matche.com>, diakses pada tanggal 24 Mei 2019.

<http://www.mhhe.com>, diakses pada tanggal 24 Mei 2019.

<http://www.bi.go.id>, diakses pada tanggal 24 Mei 2019.

Indonesian, I. C. I., Indonesian, I. C. I., Indonesian, I. C. I., Indonesian, I. C. I., &
Indonesian, I. C. I. (2018). Argus / Coalindo Indonesian Coal Index Report,
(18).

International Organization for Standardization (ISO). 2010. ISO 14001
Environmental Management Systems. Switzerland. ISO/ITC

Iranshahi, D., Karimi, M., Amiri, S., Jafari, M., Rafiei, R., & Rahimpour, M. R.
(2014). Modeling of naphtha reforming unit applying detailed description
of kinetic in continuous catalytic regeneration process. *Chemical
Engineering Research and Design*, 92(9), 1704–1727.
<https://doi.org/10.1016/j.cherd.2013.12.012>

Jiang, Hongbo, Xiuhui Wang, Xiangen Shan, Kejian Li, Xuwen Zhang, and
Xueping Cao. 2015. “Isothermal Stage Kinetics of Direct Coal Liquefaction
for Shenhua Shendong Bituminous Coal.”
<https://doi.org/10.1021/acs.energyfuels.5b01484>.

J. M. Coulson and J. F. Richardson. (2001). *Coulson & Richardson's CHEMICAL
ENGINEERING* (Vol. 1).

Kern, D.Q., 1965, “Process Heat Transfer”, Int.ed., p. 102-160, New York,
McGraw-Hill Book Company.



- Kolmetz, K., Gentry, J. C., & Gray, J. N. (2007). Guidelines For BTX Distillation Revamps Guidelines For BTX Distillation Revamps.
- Kolmetz, K., Gray, J., & Chua, M. (2002). BTX Extractive Distillation Capacity Increased by Enhanced Packing Distributors BTX Extractive Distillation Capacity Increased by Enhanced Packing Distributors, (March).
- Makridis, Sofoklis S. 2016. "Hydrogen Storage and Compression," no. June.
- Marshall, G., & Llc, G. A. M. E. (2015). Catalytic Reforming for Aromatics Production, 1–19.
- Material Safety Data Sheet.
- Nasution, A. S., Sidjabat, O., & Haris, A. (2014). PROSES REFORMASI KATALITIK. *Pusat Penelitian Dan Pengembangan Teknologi Minyak Dan Gas Bumi*, 1(2).
- Occupational Safety and Health Act. 2000. Process Safety Management. U.S. Department of Labor.
- Panahi, Pn., N., dkk. 2012. "Simulation of methanol synthesis from synthesis gas in fixed bed catalytic reactor using mathematical modeling and neural networks". *International Journal of Scientific & Engineering Research* Volume 3.
- Peraturan Pemerintah Republik Indonesia No. 41 Tahun 1999 tentang Pengendalian Pencemaran Udara
- Peraturan Menteri Negara Lingkungan Hidup No. 03 Tahun 2010 tentang Baku Mutu Air Limbah bagi Kawasan Industri
- Perry's Chemical Engineers' Handbook, 8th Edition.pdf. (n.d.).
- Peters, M. S., and Timmerhaus, K. D., 1991, *Plant Design and Economics for Chemical Engineers*, 4th ed., McGraw-Hill, Singapore.
- Powell, S.T., 1954, "Water Conditioning for Industry", 1st ed., Mc Graw Hill Book Co., Tokyo.
- PT. Kaltim Prima Coal. (2017). Laporan Keberlanjutan 2017 Sustainability Report.
- Qader, S A. 2000. "CATALYTIC HYDROPYROLYSIS OF COAL TO DISTILLATE OILS."
- Rakes, J., Editor, P., Calton, J., & Editor, P. (2015). SPECIAL REPORT : PETROCHEMICALS US benzene : The search for a new normal.



- Rase, H. F., and Barrow, M. H., 1977, "Chemical Reactor Design for Process Plant", 1st ed., Mc Graw Hill Book Company, Inc., New York.
- R. E. Treybal, Mass Transfer Operations, 3d ed. (New York: McGraw-Hill, 1958).
- Rostami, R.B., Ghavipour, M., Behbahani, R.M., Aghajafari, A., 2015. "Kinetic modelling of methanol conversion to lightolefins process over silicoaluminophosphate(SAPO-34) catalyst". J. Nat.Gas Sci. Eng. 20, 312-318.
- Seddon, D., & Eliza, M. (2012). Naphtha From Coal a Potential New Feedstock Condensate and Naphtha Forum March 2012, 4793(March).
- Shan, Xiangen, Kejian Li, Xuwen Zhang, Hongbo Jiang, and Huixin Weng. 2015. "Reaction Kinetics Study on the Heating Stage of the Shenhua Direct Coal Liquefaction Process," 2244–49. <https://doi.org/10.1021/ef502874p>.
- Sinnott, R. K., 1983, "Coulson & Richardson's Chemical Engineering Series : Chemical Engineering Design", Chemical Engineering vol. 6 4th ed., Elsevier Butterworth-Heinemann, Oxford.
- Sinnott, R.K., 2005, "Chemical Engineering Design", 4 ed., p. 587-609, Oxford, Elsevier.
- Smith, J.M., Ness, H.C.V., Abbott, M.M., 2001, "Chemical Engineering Thermodynamics", Volume 6, p.635-636, New York, Mc Graw Hill.
- Thysssen Krupp. (2014). World Market Leader in Aromatics Extraction.
- Topliv, T. (1996). M. D. Millionshchikov Grozny Petroleum Institute. Translated from, 32(1), 20–21.
- Treybal, R.E., 1981, "Mass-Transfer Operations", Int.ed., p. 139-210, Singapore, McGraw-Hill Book Company.
- "Unit Operations Of Chemical Engineering, 5th Ed, McCabe And Smith.Pdf." n.d.
- Wahabi, S., 2003., "Conversion of Methanol to Light Olefins on SAPO-34 Kinetic Modeling and Reactor Design". Graduate Studies of Texas A&M University.
- Welty, J.R., Wicks, C.E., Wilson, R.E., Rorrer, G., 2005, "Fundamentals of Momentum, Heat and Mass Transfer", 4 ed., p. 421.451, John Willey & Sons, Inc., New York.
- Wiley, J., Hepburn, K., & Murphy, K. (n.d.). *Chemical Reaction Engineering*.



- Winslow, John, and Ed Schmetz. 2009. "Direct Coal Liquefaction Overview Presented to NETL."
- Yaws et ai., Physical and Thermodynamic Properties, McGraw-Hill, New York, 1976
- Young, E.H., and Brownell, L. E., 1979, Process Equipment Design, John Wiley and Sons, Inc., New York. Evans, F. L., 1980, "Equipment Design Handbook", Gulf Publising Company, Tokyo.
- Zaiz, T. (2014). Aspen Hysys Simulation and Comparison Between Organic Aspen Hysys Simulation and Comparison Between Organic Solvents (Sulfolane And DmsO) Used for Benzene Extraction, (May).