

DAFTAR PUSTAKA

- Abbas, S. Z., Dupont, V. and Mahmud, T. (2017) 'Kinetics study and modelling of steam methane reforming process over a NiO/Al₂O₃ catalyst in an adiabatic packed bed
- Arch Chemical, Inc. 1999. *Safety And Handling of Hydrazine Solution*. Washington DC.
- U.S. Environmental Protection Agency. 1999. *Nitrogen Oxides (NO_x), Why and How They Are Controlled*. EPA 456/99/006R. Office of Qir Quality Planning and Standard. Research Triangle Park, NC.
- 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.
- BP Statistical Review of World Energy, 2015, Centre for Energy Economics Research and Policy, Heriot-Watt University
- Brown, G.G., Katz, D., Foust, A.S., dan Schneidewind, C., 1978, "Unit Operation", John Wiley and Sons, Inc., New York.
- Brownell, L.E. and Young, E.H., 1991, *Process Equipment Design*, Wiley Eastern India Limited.
- Celik, F. E., Lawrence, H., & Bell, A. T. (2008). *Journal of Molecular Catalysis A : Chemical Synthesis of precursors to ethylene glycol from formaldehyde and methyl formate catalyzed by heteropoly acids*, 288, 87–96.
- Chen, Chao and Edward S. Rubin, 2009, *CO₂ Control Technology effects on IGCC Plant Performance and Cost*, Elsevier, Pittsburgh.
- D. Q. Kern, 1950, *Process Heat Transfer*, McGraw-Hill.
- European Comission. 2006. "Emission from Storage". Best Available Techniques Document. *Guidance Storage and Handling of Chlorinated Solvent*. 2011. 4th Edition European Chlorinated Solvent Association . Belgium.
- Evans, F.L.Jr., 1974. *Equipment Design Handbook for Refineries and Chemical Plants*, 2nd Ed. Houston. Gulf Publishing Company.
- Gangadharan, Preeti., Kanchi, K.C., Lou, H.H. 2012. Evaluation of the Economic and Environmental Impact of Combining Dry Reforming with Steam Reforming of Syngas Production.
- Global Asset Protection Services LLC (2001) 'Oil and Chemical Plant Layout and Spacing', GAPS Guidelines, GAP.2.5.2, pp. 1–13.



- Glycol, E., & Glycol, E. (1995). A Paper On Manufacturing Of Ethylene Glycol.
http://www.alibaba.com/product-detail/Fly-Ash-Price_60240759065.html, diakses pada tanggal 28 Mei 2016 pukul 18.00 WIB.
- <http://matche.com/equipcost/Default.html>, diakses pada tanggal 26 Mei 2016 pukul 14.00 WIB.
- <http://www.mhhe.com/engcs/chemical/peters/data/ce.html>, diakses pada tanggal 26 Mei 2016 pukul 14.00 WIB.
- <http://rmrc.wisc.edu/ug-mat-coal-bottom-ashboiler-slag/>, diakses pada tanggal 29 Mei 2016 pukul 15.00 WIB.
- Industry Fact and Figures, 2016, Kementria Perindustria, Republik Indonesia.
- Kajian Substitusi Gas dengan Energi Lain Pada Sektor Industri, 2016, Pusat Data dan Teknologi Informasi Energi dan Sumber Daya Mineral, Kementrian ESDM, Indonesia
- Keputusan Gubernur Kalimantan Selatan Nomor 561/K.776/2014 tentang Penetapan Upan Minimum Kabupaten Kutai Selatan Tahun 2016.
- Levenspiel O., 1979, Chemical reaction engineering. New. York: John Wiley and Sons
- Ludwig, E.E. 1999. Applied Process Design for Chemical and Petrochemical Plants, 3rd Ed Vol. 2. Housto. Butterworth-Heinemann.
- Luo, N., Ji, Y., Mao, Y., & Zhang, B. (2012). Syn-gas-based mono ethylene glycol synthesis in Pujing Chemical. Applied Petrochemical Research, 2(1–2), 23–26.
- Metcalf dan Eddy, 2003, “Wastewater Engineering Treatment and Reuse”, 4th ed.,Mc Graw Hill Companies, Inc., Hongkong
- Methane. Chemical Engineering Research and Design. Elsevier. Green, D.W., and Perry, R.H. 2008. Perry’s Chemical Engineering Handbook, 8th Ed. New York. McGraw-Hill Book Company.
- MLA. Perry's Chemical Engineers' Handbook. New York :McGraw-Hill, 1984. Print. APA.
- Occupational Safety and Health Act. 2000. *Process Safety Management*. U.S.
- Oliveira, E. L. G., Grande, C. A. and Rodrigues, A. E. (2009) ‘Steam methane reforming in a Ni/Al₂O₃ Catalyst: Kinetics and diffusional limitations in extrudates’, Canadian Journal of Chemical Engineering, 87(6), pp. 945–956. doi: 10.1002/cjce.20223.
- Olsbye, U., Wurzel, T. and Mleczko, L. (1997) ‘Kinetic and Reaction Engineering Studies of Dry Reforming of Methane over a Ni/La/Al₂O₃ Catalyst’, Industrial & Engineering Chemistry Research, 36(12), pp. 5180–5188. doi: 10.1021/ie970246l.



- Pei, Peng, Scott F. Korom, Kegang Ling, and Junior Nasah, 2013, *Cost Comparison of Syngas Production from Natural Gas Conversion and Underground Coal Gasification*, Springer, New York.
- Perry, R.H. dan Green, D.W., 1987, "Perry's Chemical Engineer's Handbook", 6th ed., Mc Graw Hill Book Co., Singapore.
- Powell, S.T., 1954, "Water Conditioning for Industry", 1st ed., Mc Graw Hill Book Co., Tokyo. reactor', *International Journal of Hydrogen Energy*, 42(5), pp. 2889–2903. doi:10.1016/j.ijhydene.2016.11.093.
- Science Lab Catalogue. Material Safety Data Shee (MSDS) Full Catalogue <https://www.sciencelab.com/page/S/CTGY/10403>, accessed on May 9th 2018.
- ScienceLab, 2017, 1,2-ethanediol Material and Safety Data Sheet, <http://www.sciencelab.com/msds.php?msdsId=9927167> (diakses 5 November 2017)
- Treybal, R.E., 1975, "Mass Transfer Operation", 3rd ed., pp. 189-210; 252-261, McGraw-Hill Book Company, Singapore.
- Ullman's Encyclopedia of Industrial Chemistry 6th ed. Vol 1 p. V8 81*. Federal Republic of Germany: Wiley-VCH Verlag GmbH & Co.
- Van Der Vaart, D. R., et al. 1995. *Thermal and Catalytic Incinerators*. U.S. Environmental Protection Agency. Research Triangle Park NC 27711.
- Washington State Department of Health. 2010. "How to Handle Chlorine Gas Safely". DOH 331-364.
- Yaws, C.L., 1999, *Chemical Properties Handbook Physical, Thermodynamic, Enviromental, Transport, Safety, and Health Related Properties For Organic and Inorganic Chemicals*, Mc Graw Hill Book Companies, Inc., New York.
- Yu, B. Y., & Chien, I. L. (2017). Design and optimization of dimethyl oxalate (DMO) hydrogenation process to produce ethylene glycol (EG). *Chemical Engineering Research and Design*, 121, 173–190.
- Yue, H., Zhao, Y., Ma, X., and Gong, J., 2012, Ethylene glycol: properties, synthesis, and applications, *Chem.Soc. Rev.*, Vol. 41, 4218-4244