

DAFTAR PUSTAKA

- Aries, R. S., and Newton, R. D., 1955, Chemical Engineering Cost Estimation, McGraw-Hill, New York.
- Aryono, N.A. 2006. "Dampak Pembakaran Batubara Indonesia terkait Kandungan Produk Gas Buang." *Jurnal Energi dan Lingkungan vol.2 (1)*
- Badan Geologi. 2014. Neraca Sumber Daya Energi. *Pusat Sumber Daya Geologi*. Kementerian Energi dan Sumber Daya Mineral. Jakarta. 20 p.
- Blesl, Markus, and David Bruchof. 2010. "Syngas Production from Coal." *Energy Technology Network (May)*: 1–5.
- BPS Bontang. 2020. *Statistik Daerah Kota Bontang 2020*. Bontang: Badan Pusat Statistik Kota Bontang
- Brown, G. G., Katz, D., Foust, A. S., and Schneidewind, R., 1958, "Unit Operation", Modern Asia ed., pp. 27 – 34, John Wiley and Sons, New York.
- Brownell, L.E and Young, E.H., 1959., "Equipment Design", New York, John Willey & Sons, Inc.
- Coker, A. K., & Ludwig, E. E. (2007). *Ludwig's applied process design for chemical and petrochemical plants*.
- Crowl, D.A, Louvar, J.F. 2002. *Chemical Process Safety*. Prentice Hall. New Jersey.
- Dwimasputra, Andika, et al. "Desain Pabrik Pupuk Urea berbahan baku Batubara Kelas Rendah di Kabupaten Muara Enim Sumatera Selatan." *Jurnal Teknik ITS* 6.2 (2017): B261-B264.
- Gräbner, Martin. *Handbook of Fuels Fischer-Tropsch Re Fi Ning Chemical Looping Systems for Fossil Energy Conversions Gasi Fi Cation Processes – Modeling and Simulation Ef Fi Cient Carbon Capture for Coal Power Plants The Handbook of Clean Coal Utilization 2V Set Energy Fo.*

Harahap, M. E., & Tjahjono, E. W. (2016). *Kajian Teknologi Proses Pembuatan Gas Sintetik dari Batubara dan Prospek Pemanfaatan pada Industri Hilirnya*. *Majalah Ilmiah Pengkajian Industri*, 10(1), 61-70.

Haryanto dkk. 2018. "Neraca Gas Indonesia 2018-2027". Jakarta : Kementerian Energi & Sumber Daya Mineral

<http://matche.com>, diakses pada tanggal 6 Januari 2021

Inkwood Research. 2017. *Extensive Industrial Development Upswings The Global Syngas Market at 9.52% of CAGR during 2017-2026*.
<https://www.inkwoodresearch.com/global-syngas-market-during-2017-2026/> (17 Mei 2020)

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

Iswanto, Toto, et al. "Desain Pabrik Synthetic Gas (Syngas) dari Gasifikasi Batu Bara Kualitas Rendah sebagai Pasokan Gas PT Pupuk Sriwidjaja." *Jurnal Teknik ITS* 4.2 (2015): F145-F148.

Kamruzzaman, Md et al. 2015. "Coal Synthesis Gas : A Substitution of Natural Gas in Bangladesh." *Electrical Engineering: An International Journal (EEIJ)* 2(1): 1–14.

Kementerian ESDM. 2018. "Media Center - Arsip Berita - Cadangan Batubara Indonesia Sebesar 26 Miliar Ton."

Kementerian Lingkungan Hidup. 2009. "Emisi Gas Rumah Kaca Dan Pemanasan Global." *Jurnal Biocebelebes S*: hlm 10-19.

Kementerian PPN. 2016. "Laporan Akhir: Kajian Ketercapaian Target DMO Batubara Sebesar 60% Produksi Nasional Pada Tahun 2019." : 1–115.

Kern, D.Q., 1965, "Process Heat Transfer", Int.ed., New York, McGraw-Hill Book Company.

Kirk and Othmer, 1998, "Encyclopedia of Chemical Technology", 4thed, John Wiley & Sons, Inc., New York.

Levenspiel, Octave, 1999, "Chemical Reaction Engineering", 3rd ed., John Wiley & Sons, Inc., New York.

Ludwig, E.E., 1964, "Applied Process Design for Chemical and Petrochemical Plants", Vol.1, 3rd ed., Gulf Professional Publishing, London.

Material Safety Data Sheet.

Metcalf dan Eddy, 2003, "Wastewater Engineering Treatment and Reuse", 4th ed., Mc Graw Hill Companies, Inc., Hongkong

Molina, Alejandro, and Fanor Mondragón. 1998. "Reactivity of Coal Gasification with Steam and CO₂." *Fuel* 77(15): 1831–39.

Mordor Intelligence. 2019. *Syngas Market – Growth, Trends, and Forecast (2020-2025)*. <https://www.mordorintelligence.com/industry-reports/syngas-market> (7 Mei 2020).

Mulyati, Ade Heri. "EVALUASI KINERJA METHYL DIETHANOL AMINE (MDEA) DALAM PENYERAPAN KANDUNGAN H₂S PADA PROSES PENGOLAHAN GAS ALAM." *Ekologia: Jurnal Ilmiah Ilmu Dasar dan Lingkungan Hidup* 20.1 (2020): 45-51.

Naufal Hilmy, Alhady, and Mochammad Yoga Arifin. *Simulasi Dan Pemodelan Absorpsi CO₂ & H₂S Dalam Larutan MDEA Dengan Promotor Piperazine (PZ) Menggunakan Tray Column*. Diss. Institut Teknologi Sepuluh Nopember, 2017.

Occupational Safety and Health Act. 2000. *Process Safety Management*. U.S. Department of Labor.

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

Permana, Darsa. "Peluang dan tantangan peningkatan nilai tambah batubara." *Jurnal Teknologi Mineral dan Batubara* 7.1 (2011): 1-13.

- Perry, R.H., 1999, "Perry's Chemical Engineer's Handbook", 7 ed., New York, McGraw-Hill Book Company.
- Peters, M. S., Timmerhaus, K. D., 1991, "Plant Design and Economics for Chemical Engineers", McGraw Hill, New York.
- Powell, S.T., 1954, "Water Conditioning for Industry", 1st ed., Mc Graw Hill Book Co., Tokyo
- Rase, H. F., and Barrow, M. H., 1977, "Chemical Reactor Design for Process Plant", 1st ed., Mc Graw Hill Book Company, Inc., New York.
- 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., Oxford, Elsevier.
- Smith, J.M., Ness, H.C.V., Abbott, M.M., 2001, "Chemical Engineering Thermodynamics", Volume 6, New York, Mc Graw Hill.
- Sobah, Saripah, Hary Sulisty, and Siti Syamsiah. 2013. "Pengolahan Gas CO 2 Hasil Samping Industri Amoniak Melalui Gasifikasi Batubara Yang Telah Dipirolisis Dengan Menambahkan Ca (OH) 2." *Rekayasa Proses* 7(1): 26–30.
- Treybal, R.E., 1975, "Mass Transfer Operation", 3rd ed., pp. 189-210; 252-261, McGraw-Hill Book Company, Singapore.
- Treybal, R.E., 1981, "Mass-Transfer Operations", Int.ed., p. 139-210, Singapore, McGraw-Hill Book Company.
- Ullmann, F., Gerhartz, W., Yamamoto, Y. S., Campbell, F. T., Pfefferkorn, R., Rounsaville, J. F., & Ullmann, F. (1985). *Ullmann's encyclopedia of industrial chemistry*. Weinheim, Federal Republic of Germany: VCH

Ulrich, G. D., 1984, *A Guide to Chemical Engineering Process Design and Economics*, pp. 324-329, John Wiley and Sons, Inc., New York.

Umah, A. 2019. *Catat, Ini Deretan Pabrik Pupuk yang Terancam Setop Operasi!*

<https://www.cnbcindonesia.com/news/20191206192156-4-121107/catat-ini-deretan-pabrik-pupuk-yang-terancam-setop-operasi> (7 Mei 2020)

Vatavuk, William M., 2002, *Updating the CE Plant Cost Index*, www.che.com, New York

worldcoal.org. 2005. "SUMBER DAYA BATU BARA, Tinjauan Lengkap Mengenai Batubara." : 50.

https://www.worldcoal.org/file_validate.php?file=coal_resource_indonesian.pdf.

Yaws, C.L. 1998. "*Yaws' Handbook of Thermodynamic and Physical Properties of Chemical Compounds*". New York : John Wiley and Sons.

Yaws, Carl L. (1999). *Chemical properties handbook : physical, thermodynamic, environmental, transport, safety, and health related properties for organic and inorganic chemicals*. New York :McGraw-Hill.

Young, E.H., and Brownell, L. E., (1979). *Process Equipment Design*. John Wiley and Sons, Inc., New York.