

## DAFTAR PUSTAKA

- Amaliyah, N, dan Fachry, M., 2011, “Analisis Komposisi Batubara Mutu Rendah Terhadap Pembentukan Slagging dan Fouling pada Boiler”, Volume 5, Prosiding Hasil Penelitian Fakultas Teknik, Universitas Hasanuddin.
- Amaliyah, Novriany dan Muhammad Fachry, 2011, *Analisis Komposisi Batu Bara Mutu Rendah terhadap Pembentukan Slagging dan Fouling pada Boiler*, Jurusan Mesin Fakultas Teknik Universitas Hasanuddin, Makassar.
- Anonim, 2011, <http://www.enggcyclopedia.com/2011/12/gasification-process-types/>.
- Anonim, 2012, <http://www.eia.gov/totalenergy/data/annual/showtext.cfm?t=ptb0709>.
- Anonim, 2013, <http://www.bppt.go.id/index.php/teknologi-informasi-energi-dan-material>, Batubara Sumber Energi Indonesia Masa Depan.
- Anonim, 2014, <http://maps.google.com/>
- Anonim, 2014, <http://www.netl.doe.gov/research/coal/energy-systems/gasification>, Gasification Plant Databases.
- 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.
- Brown, G.G., 1978, “*Unit Operations*”, Mc. Graw Hill Book Co, New York.
- Brownell, L.E. and E.H. Young, 1959, “*Process Equipment Design Handbook*”, Jogn Wiley and Sons, Inc., New York.
- Bucklin, R.W., and Schendel, R.L., 1984, “Comparison of Flour Solvent and Selexol Processes”, Vol 4, No 3, Energy Process.
- Chen, Chao and Edward S. Rubin, 2009, *CO<sub>2</sub> Control Technology effects on IGCC Plant Performance and Cost*, Elsevier, Pittsburgh.
- Clark, Bruce J. and Marc J. Rogoff, 2010, *Economic Feasibility of a Plasma Arc Gasification Plant*, City of Marion, Iowa, USA.
- Coulson, J.M., and J.F. Richardson, 1983, “*Chemical Engineering Design*”, 3ed., Butterworth Heinemann, London.
- Evans, F. L., 1979, *Equipment design handbook for refineries and chemical plants*, Book Division Gulf Pub.

- Foust, A.S., 1980, "*Principles of Unit Operation*", 2<sup>nd</sup> ed., John Willey and Sons Inc., New York.
- Grabner, Martin, 2014, *Industrial Coal Gasification Technologies Covering Baseline and High-Ash Coal*, Wiley-VCH Verlag GmbH & Co. KGaA, Weinheim.
- <http://matche.com/equipcost/Default.html>, diakses pada tanggal 6 Juni 2015 pukul 14.00 WIB.
- <http://rmrc.wisc.edu/ug-mat-coal-bottom-ashboiler-slag/>, diakses pada tanggal 9 Juni 2015 pukul 15.00 WIB.
- [http://www.alibaba.com/product-detail/Fly-Ash-Price\\_60240759065.html](http://www.alibaba.com/product-detail/Fly-Ash-Price_60240759065.html), diakses pada tanggal 8 Juni 2015 pukul 18.00 WIB.
- <http://www.mhhe.com/engcs/chemical/peters/data/ce.html>, diakses pada tanggal 6 Juni 2015 pukul 14.00 WIB.
- Keputusan Gubernur Kalimantan Timur Nomor 561/K.776/2014 tentang Penetapan Upan Minimum Kabupaten Kutai Timur Tahun 2015.
- Kern, D.Q., 1965, "Process Heat Transfer", International Student edition, Mc. Graw Hill International Book Co., Tokyo.
- Koesnandar, R.T., dan Hardwinarto, R., 2007, "Kajian Degradasi Lahan dan Air di Daerah Aliran Sungai (DAS) Sengatta, Kalimantan Timur", Volume 12, RIMBA Kalimantan Fakultas Kehutanan, Universitas Mulawarman.
- Liu, Ke, Chunshan Song, and Velu Subramani, 2010, *Hydrogen and Syngas Production and Purification Technologies*, John Wiley & Sons, Inc., New Jersey.
- 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., and Green D. W., 1997, "*Chemical Engineer's Hand Book*", 7<sup>th</sup> ed, Mc Graw-Hill Book, 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.
- Puigjaner, Luis, 2011, *Syngas from Waste Emerging Technologies*, Springer, London.
-

- Rase, H.F. dan Barrow, M.H., 1957, "*Project Engineering for Process Plant* ", John Wiley and Sons, Inc., New York.
- Sihite, Thamrin, 2012, *Low Rank Coal Utilization in Indonesia*, Clean Coal Day in Japan 2012 International Symposium, Tokyo.
- Smith, J.M., and H.C. Van Ness, 1996, "*Introduction to Chemical Engineering Thermodynamics*", 5<sup>th</sup> ed., Mc. Graw Hill Book Co., New York.
- Treyball, R.E., 1980, "*Mass Tranfer Operation*", Mc. Graw Hill Book Co., New York.
- Ulrich, G. D., 1984, *A Guide to Chemical Engineering Process Design and Economics*, pp. 324-329, John Wiley and Sons, Inc., New York.
- Vatavuk, William M., 2002, *Updating the CE Plant Cost Index*, www.che.com, New York.
- Walas, S.M., 1959, "*Reaction Kinetics for Chemical Engineers*", International Student edition, Mc. Graw Hill Book Co., Kogakusha Ltd., Tokyo.
- www.bmkg.go.id
- 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.