



DAFTAR PUSTAKA

- Ahmaruzzaman, M. (2010). A review on the utilization of fly ash. *Progress in Energy and Combustion Science*, 36(3), 327–363.
<https://doi.org/10.1016/j.pecs.2009.11.003>
- Analisis Dampak Lingkungan Hidup (ANDAL) Kegiatan Terpadu Proyek Pengembangan Tangguh LNG SKK migas
- Arch Chemical, Inc. 1999. *Safety And Handling of Hydrazine Solution*. Washington DC.
- Aries, R. S., and Newton, R. D., 1955, *Chemical Engineering Cost Estimation*, McGraw-Hill, New York.
- Baba, A., Gurdal, G., Zhai, M., Totolo, O., Modisi, M. P., Finkelman, R. B., ...
Finkelman, R. B. (2006). Heavy metal and arsenic distributions in soils surrounding Palapye, Botswana: An evaluation of environmental impact of coal mining and combustion in a sub-arid region Nitrogen in Chinese coals Study on the distribution of PAHs in fly ash from coal and r, 25, 53–54.
- Badger, W.L., and Banchero, J.T., 1957, *“Introduction to Chemical Engineering”*, New York: McGraw-Hill Book Company.
- Bird, R.B., Stewart, W.E., and Lightfoot, E.N., 2002, *“Transport Phenomena”*, John Wiley and Sons, New York
- 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., 1959, *“Process Equipment design”*, John Wiley & Sons Inc., New York.
- Bukhari, S. S., Behin, J., Kazemian, H., & Rohani, S. (2014). A comparative study using direct hydrothermal and indirect fusion methods to produce zeolites from coal fly ash utilizing single-mode microwave energy. *Journal of Materials Science*, 49(24), 8261–8271.
<https://doi.org/10.1007/s10853-014-8535-2>



- Chareonpanich, M., & Namto, T. (2005). 05/00084 Synthesis of ZSM-5 zeolite from lignite fly ash and rice husk ash. *Fuel and Energy Abstracts*, 46(1), 13.
[https://doi.org/10.1016/S0140-6701\(05\)80085-2](https://doi.org/10.1016/S0140-6701(05)80085-2)
- Coulson, J.M., and Richardson J.F., 2005, “*Chemical Engineering*”, Vol.6. 4th ed., Pergmon Press, Oxford.
- Crowl, D.A, Louvar, J.F. 2002. *Chemical Process Safety*. Prentice Hall. New Jersey.
- European Comission. 2006. “Emission from Storage”. Best Available Techniques Document.
- Feng, W., Wan, Z., Daniels, J., Li, Z., Xiao, G., Yu, J., ... Kevin, G. (2018). Synthesis of high quality zeolites from coal fl y ash: Mobility of hazardous elements and environmental applications. *Journal of Cleaner Production*, 202, 390–400.
<https://doi.org/10.1016/j.jclepro.2018.08.140>
- Geankoplis, C. J. 1993, “*Transport Processes and Unit Operation*”, ed. 3, USA : Pretice-Hall, Inc
- Holman, J.P., 1988, “*Heat Transfer*”, ed. 7, New York : McGraw-Hill Book Company.
- Ivan Gan, A., & Sutikno, H. (2015). Optimasi Penggunaan Fly Ash dan Bottom Ash PLTU Suralaya dalam Pembuatan Paving Block Mutu Tinggi, 8–15.
- Jha, B., & Singh, D. N. (2012). ChemInform Abstract: A Review on Synthesis, Characterization and Industrial Applications of Flyash Zeolites. *ChemInform*, 43(25), no-no. <https://doi.org/10.1002/chin.201225227>
- Kern, D.Q., 1983, “*Process Heat Transfer*”, Mc.Graw – Hill International Editions, Singapore.
- Mainganye, D., Ojumu, T. V., & Petrik, L. (2013). Synthesis of zeolites Na-P1 from South African coal fly ash: Effect of impeller design and agitation. *Materials*
- McCabe, W., Smith, J.C., and Harriot, P., 1993, “*Unit Operation of Chemical*



- Engineering*”, McGraw Hill Book, Co., United States of America.
- Metcalf and Eddy, 1991, “*Encyclopedia of Chemical Technology*”, Vol.11, p.231-250, New York, John Willey & Sons. Inc
- Occupational Safety and Health Act. 2000. *Process Safety Management*. U.S. Department of Labor.
- Ojha, K., Pradhan, N. C., & Samanta, A. N. (2004). Zeolite from fly ash : synthesis and characterization, 27(6), 555–564
- 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, R.H. dan Green, D.W., 1987, “*Perry’s Chemical Engineer’s Handbook*”, 6th ed., Mc Graw Hill Book Co., Singapore.
- 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.
- Rase, H.F., 1977, “*Cemical Reactor Design for Process Plants*”, Wiley Interscience, Canada
- Sinnott, R. K., 1983, “*Coulson & Richardson’s Chemical Engineering Series : Chemical Engineering Design*”, Chemical Engineering vol. 6 4th ed., Elsevier Butterworth-Heinemann, Oxford
- Towler, Gavin, and Ray Sinnott. 2008. “*Chemical Engineering Design : Principles, Practice and Economics of Plant and Process Design*”, USA : Butterworth-Heinemann.
- Treybal, R.E., 1975, “*Mass Transfer Operation*”, 3rd ed., pp. 189-210; 252-261, McGraw-Hill Book Company, Singapore.
- Ulrich, G.G., 1984, “*A Guide to Chemical Engineering Process Design and Economics*“, John Willey and Sons, New York.



Valeev, D. (2018). Kinetics of Iron Extraction from Coal Fly Ash by, (July).

<https://doi.org/10.3390/met8070533>

Walas, S.M., Couper, J.R., Penney, W.R., Fair, J.R., 2012, “*Chemical Process Equipment Selection and Design*”, ed. 3, USA : Butterworth

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.

Zhang, W. (2015). International Journal of Coal Preparation and Utilization A Review of the Occurrence and Promising Recovery Methods of Rare Earth Elements from Coal and Coal By- Products, (October).

<https://doi.org/10.1080/19392699.2015.1033097>

<http://matche.com>, diakses pada tanggal 1 Desember 2020.

<http://www.mhhe.com>, diakses pada tanggal 1 Desember 2020.

<http://www.bi.go.id>, diakses pada tanggal 1 Desember 2020.