

## DAFTAR PUSTAKA

- Aries, R.S. and Newton, R.D. (1954). *“Chemical Engineering Cost Estimation”*. Mc.Graw Hill Book Company Inc., New York.
- Badan Pusat Statistik Indonesia. (2018). *“Statistik Kelapa Sawit Indonesia”*. 2017.
- Brandenburg, Clayton. (2018). *“Economic Analysis of Reactive Distillation in the Production of tert-Amyl Methyl Ether (TAME)”*. Senior Theses. 234.
- Brown, G.G. (1950). *“Unit Operations”*, John Wiley and Sons, Inc., New York.
- Brownell, L.E. and Young, E.H. (1979). *“Process Equipment Design”*, John Wiley and Sons, Inc., New York.
- Budiman, A., Kusumaningtyas, R. D., Pradana, Y. S., & Lestari. (2014). *“BIODIESEL Bahan Baku, Proses, dan Teknologi (pertama)”*. Gadjah Mada University Press.
- Coker, A. K., & Ludwig, E. E. (2007). *“Ludwig's applied process design for chemical and petrochemical plants”*.
- Coulson, J.M. and Richardson, J.F. (1989). *“Chemical Engineering”*. vol 6. Pergamon Press: Oxford.
- Couper, J.R., Penney, W.R., Fair, J.R., and Wales, S.M. (2005). *“Chemical Process Equipment”*. Elsevier: Oxford.
- Crowl, Daniel A. dan Louvar, Joseph F. (2002). *“Chemical Process Safety”*. Upper Saddle River : Prentice Hall Inc.
- Fitri, Husnil., Suprayogi, Imam., Asmura, Jecky. (2018). *“Analisa Kualitas Sungai Siak Bagian Hulu”*. Jom FTEKNIK vol. 5 ed.1. Riau.
- Freedman, B., Pryde, E. H., & Mounts, T. L. (1984). *“Variable Affecting the Yield of Fatty Esters from Transesterification Vegetables Oils”*. *J. Am. Oil. Chem. Soc.*, 61, 1638–1643.
- Global Asset Protection Services LLC. (2015). *“GAPS Guidelines: Oil and Chemical Plant Layout and Spacing”*, 1–13.
- Holman, J. P., & White, P. R. S., (1992). *“Heat transfer”*, McGraw-Hill., London.
- <http://balittri.litbang.pertanian.go.id/index.php/berita/berita-lain/1117-sukses-mandatori-b30-kemenko-perekonomian-menyelenggarakan-rapat-implementasi-program-b40-dan-b50>  
diakses pada 10 November 2020.

<http://ebtke.esdm.go.id/post/2019/12/18/2433/pahami.istilah.b20.b30.b100.bbn.dalam.bioenergi> diakses pada 10 November 2020.

<http://ebtke.esdm.go.id/post/2019/12/19/2434/faq.program.mandatori.biodiesel.30.b30> diakses pada 10 November 2020.

<http://ebtke.esdm.go.id/post/2020/03/09/2502/fakta.menarik.sawit.sumber.bbn.utama.andalan.indonesia?lang=en> diakses pada 9 November 2020.

<http://www.alibaba.com> diakses pada tanggal 10 Desember 2021

<http://www.matche.com> diakses pada tanggal 10 Desember 2021

<http://www.mhhe.com> diakses pada tanggal 10 Desember 2021

<http://www.ojk.go.id/id/kanal/perbankan/Pages/Suku-Bunga-Dasar.aspx> diakses pada tanggal 10 Desember 2021

<http://www.pusatdata.kontan.co.id> diakses pada tanggal 10 Desember 2021

<https://gapki.id/news/3024/perkembangan-mandatori-biodiesel-dan-prospek-indonesia-dalam-pasar-biodiesel-dunia> diakses pada 9 November 2020.

<https://gapki.id/news/3250/perkembangan-biodiesel-di-indonesia-dan-terbesar-di-asia> diakses pada 10 November 2020.

<https://gapki.id/news/4060/menjajaki-peluang-pasar-baru-ekspor-biodiesel> diakses pada 9 November 2020.

<https://maps.google.co.id> diakses pada tanggal 3 Januari 2022.

<https://thepalmscribe.id/id/produksi-biodiesel-indonesia-naik-24-menjadi-119-juta-kiloliter-tahun-2020-iki/> diakses pada 9 November 2020.

<https://www.dunia-energi.com/18-perusahaan-pasok-biodiesel-program-b30-ke-pertamina-wilmar-terbesar/> diakses pada 10 November 2020.

<https://www.medcom.id/ekonomi/mikro/ObzAwRZN-malaysia-investasi-lebih-dari-usd1-miliar-di-tanjung-buton> diakses pada 12 November 2020.

<https://www.statista.com/statistics/1055635/indonesia-biodiesel-consumption/> diakses pada 10 November 2020.

- International Organization for Standardization (ISO). (2010). "ISO 14001 Environmental Management Systems". Switzerland. ISO/ITC*
- Iyung, P. (2007). "Panduan Lengkap Kelapa Sawit: Manajemen Agribisnis dari Hulu hingga Hilir".
- Kern, D. Q. (1965). "*Process Heat Transfer*". McGraw-Hill Book Company. Japan
- Kim, H., Kang, B., Kim, M., Moo, Y., Kim, D., Lee, J., & Lee, K. (2004). "*Transesterification of vegetable oil to biodiesel using heterogeneous base catalyst*". 95, 315–320. <https://doi.org/10.1016/j.cattod.2004.06.007>
- Kirk, R. E., Othmer, D. F., Grayson, M., & Eckroth, D. (1985). "*Kirk-Othmer Concise encyclopedia of chemical technology*". New York: Wiley.
- Material Safety Data Sheet*
- Nelson, Wilbur. R., (1936). "*Chemical Engineering Series: Petroleum Engineering Refinery* 4<sup>th</sup> ed". New York: McGraw-Hill Book Company.
- Nurhayati, Muhdarina, & Utami, W. (2013). "Mollusk Shell Waste of Anadara Granosa as a Heterogeneous Catalyst for The Production of Biodiesel". *Universitas Gadjah Mada, Yogyakarta*.
- Occupational Safety and Health Act. (2000). "Process Safety Management". U.S. Department of Labor.*
- Peraturan Menteri Negara Lingkungan Hidup No. 03 Tahun 2010 tentang Baku Mutu Air Limbah bagi Kawasan Industri
- Peraturan Pemerintah Nomor 101 tahun 2014 tentang Pengolahan Limbah Bahan Berbahaya dan Beracun
- Peraturan Pemerintah Republik Indonesia No. 41 Tahun 1999 tentang Pengendalian Pencemaran Udara
- Perry, R. H., & Green, D. W. (2008). "*Perry's chemical engineers' handbook*". New York: McGraw-Hill Book Company.
- Powell, S.T. (1954). "*Water Conditioning for Industry*". 1<sup>st</sup> ed. Mc Graw Hill Book Co. Tokyo.
- Rase, H.F. (1977). "*Chemical Reaktor Design for Process Plant*", 1st ed., McGraw-Hill Book Company, Inc., New York.
- Riegel, E.R. and Albert, K.J. (2003). "*Riegel's Handbook of Industrial Chemistry*". *Springer Science & Business Media. Doi: 10.10007/978-1-4614-4259-2\_26*.

- Sharma, Y. C., Singh, B., & Upadhyay, S. N. (2008). “*Advancement in Development and Characterization of Biodiesel*”. *Fuel*, 87, 2355–2373.
- Sinnott, R. K., (1983). “*Coulson & Richardson’s Chemical Engineering Series : Chemical Engineering Design*, Chemical Engineering vol. 6 4th ed.”. Elsevier Butterworth-Heinemann, Oxford.
- Timmerhaus, K.D., Max S. Peters, and Ronald E. West. (1990). “*Plant Design and Economics for Chemical Engineers*”, Mc.Graw Hill Book Company Inc., New York
- Ulrich, Gael D. (1984). “*A Guide to Chemical Engineering Process Design and Economics*”. John Wiley & Sons, Inc., New York.
- Wallas, S.M. (1990). *Chemical Process Equipment*, Butterworth-Heinemann Washington.
- 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,