



## DAFTAR PUSTAKA

- Agustina, T.E., Sulistyono, B., & Anugrah, R. (2016). *Pengolahan Palm Oil Mill Effluent (POME) Dengan Metode Fenton dan Kombinasi Adsorpsi Fenton*. Jurnal Teknik Kimia, 22(3), 1-8.
- Alibaba.com: Manufacturers, Suppliers, Exporters & Importers from the world's largest online B2B marketplace* (n.d.) Retrieved July 3rd, 2024, from <https://www.alibaba.com/>
- Aries, R. S., & Newton, R. D. (1955). *Chemical\_Engineering\_Cost\_Estimation\_Ari.pdf*. McGRAW HILL BOOK COMPANY.
- Aznury, M., Jakson, J., Hasan, A., & Putri Dila, I. (2018). *Production Biomethane from Palm Oil Mill Effluent (POME) with Truncated Pyramid Digester in Fed Batch System*. Journal of Physics L Conference Series, 1095 (1). Available at : <https://doi.org/10.1088/1742-6596/1095/1/012023>
- Badrur, Yeeri & Amin Ridhoni. (2013). *Model Sebaran Sedimen Suspensi Muara Sungai Siak Riau*. Fakultas MIPA dan Kesehatan, Universitas Muhammadiyah Riau
- Bauer, F., Hulteberg, C., Persson, T., Tamm, D. (2013). *Biogas Upgrading - Review of Commercial Technologies* (No. SGC 2013:270). Svenskt Gastekniskt Center.
- Boyce, Meherwan P. (2012). *Gas Turbine Engineering Handbook, Fourth Edition*. Elsevier Inc. UK.
- Brown, G.G. and Foust, A.S. (1950). *Unit Operations*. New York.
- Brownell, L.E.. and Young, E.H. (1959). *Process Equipment Design*. 2nd Ed.. John Willey and Sons. Inc.. New York.
- Chan, Y. J., Chong, M.F. (2019). *Palm Oil Mill Effluent (POME) Treatment-current technologies, biogas capture and challengesI*. In: Green Technologies for the Oil Palm Industry, pp. 72-73. Available at : [https://doi.org/10.1997/978-981-13-2236-5\\_4](https://doi.org/10.1997/978-981-13-2236-5_4)
- Calise, F., Cappiello, F. L., Cimmino, L., D'accadìa, M. D., & Vicedomini, M. (2021). A review of the state of the art of biomethane production: Recent advancements and integration of renewable energies. Energies, 14(16). <https://doi.org/10.3390/en14164895>
- Chou, H.H. and Huang, J.S. (2005). *Comparative granule Characteristics and Biokinetics of Sucrose-fed and Phenol-fed UASB Reactors*. Chemosphere. 59. 107-116.
- Coker, A.K. (1991). *Understanding the Basics of Packed-Column Design*. Chemical Engineering Progress, November 1991, 93-99.
- Coulson, J.M., and Richardson, J.F. (1983). *Chemical Engineering Design 6th Ed. Vol 6*. Pergamon Press, Oxford.



Couper, J.R., Penney, W.R., Fair, J.R., and Wallas, S.M. (2005). *Chemical Process Equipment: Section and Design.*

Donlon, B.A., Razo-Flores, E., Lettinga, G., and Field, J.A. (1996). *Continuous Detoxification, Transformation, and Degradation of Nitrophenols in Upflow Anaerobic Sludge Blanket (UASB) Reactors.* Biotechnol. Bioeng., 51, 439.

Espana-Gamboa, E., Mijangos-Corte J. O., Hernandez-zarate, G., Maldonado J. A. D., and Alzate-Gaviria, L. M. (2012). *Methane Production by Treating Vinasses from Hydrous Ethanol Using a Modified UASB Reactor.* Biotechnology for Biofuels. 5:82.

*Equipment Costs for Plant Design and Economics for Chemical Engineers- 5th Edition.*

(n.d.) Retrieved July 3rd, 2024, from

[https://highered.mheducation.com/sites/0072392665/student\\_view0/cost\\_estimator.html](https://highered.mheducation.com/sites/0072392665/student_view0/cost_estimator.html)

Gas, Pacific, Electric Company. (2018). *Cryogenic Separation Technical Analysis.* Available at : [hyyp://www.pge.com/pge\\_global/common/pdfs/for-our-business-partners/interconnection-renewables/interconnections-renewables/CryogenicSeparation\\_TechnicalAnalysis.pdf](https://www.pge.com/pge_global/common/pdfs/for-our-business-partners/interconnection-renewables/interconnections-renewables/CryogenicSeparation_TechnicalAnalysis.pdf)

Giampaolo, Anthony. (2006). *Gas Turbine Handbook: Principles and Practices 3rd Edition.* Lilburn: The Fairmont Press, inc.

Gomes, V.G., Yee, K.W.K., (2002). *Pressure swing adsorption for carbon dioxide sequestration from exhaust gasses.* Separ. Purif. Technol. 28 (2), 161-171. Available at : [https://doi.org/10.1016/S1383-5866\(02\)00064-3](https://doi.org/10.1016/S1383-5866(02)00064-3).

Hoyer, K., Hulteberg, C., Svensson, M., Jernberg, J., Norregard, O. (2016). *Biogas upgrading -technical review* (No. 2016:275). Energiforsk.

International Energy Agency. (2020). Outlook for biogas and biomethane. Prospects for organic growth. IEA Publications, 1–93. <https://www.iea.org/reports/outlook-for-biogas-and-biomethane-prospects-for-organic-growth>, License: CC BY 4.0

Lam, M.K., & Lee K.T. (2011). *Renewable and sustainable bioenergies production from palm oil mill effluent (POME) : Win-win strategies toward better environmental protection.* Journal Biotechnology Advances, 29, 124-141.

*Matches' engineering to chemical energy manufacturing metallurgical industries* (n.d.).

Retrieved July 3rd, 2024, from <https://www.matche.com/equipcost/Default.html>

Peters, M., & Timmerhaus, K. (1991). *Plant Design and Economics for Chemical Engineers.* In *Plant design and economics for Chemical Engineers* (4th ed.) McGRAW HILL INTERNATIONAL EDITIONS.



Sinnott, R. and Towler, G. (2019). *Chemical Engineering Design, Chemical Engineering Design: SI Edition*. doi: 10.106/B978-0-08-102599-4.09980-X.

Sridhar, M. K. C., Adeoluwa, O. O., Nigam, P.S., Pandey, A. (2009). *Palm Oil Industry Residue. Biotechnology for agro-industrial residues utilization* (p. 341-55). Germany: Springer Science.

Thakore, S.B., Bharat I Bhatt. (2007). *Introduction to Process Engineering and Design*. McGraw-Hill publishing Company Limited, New Delhi.

Ulrich, G. D. (1984). *A Guide To Chemical Engineering Process Design and Economics*. John Willey & Sons.

Vrbova, V., Ciahotny, K. (2017). *Upgrading biogas to biomethane using membrane separation*. Energy Fuels. Available at : <https://doi.org/10.1021/acs.energyfuels.7b00120>

Walker, G. (1982). *Industrial Heat Exchangers-A Basic Guide*. Hemisphere Publishing Corporation. doi: 10.1002/aic.690290228