

DAFTAR PUSTAKA

- Aditya, I. A., Haryadi, F. N., & Haryani, I. (2025). *Analisis Pengujian Co-Firing Biomassa Cangkang Kelapa Sawit Pada PLTU Circulating Fluidized Bed (CFB) Sebagai Upaya Bauran Energi Terbarukan*. 24(2), 61–66.
- Assureira, M. (2025). *Optimization of sugarcane straw as a solid biofuel for thermochemical processes by water leaching pretreatment*. 14(6), 1201–1212.
- ASTM 3174-02. (2012). Standard Test Method for Ash in the Analysis Sample of Coal and Coke from Coal. *ASTM International, D3174-11*(Reapproved 2018), 1–6. <https://doi.org/10.1520/D3174-12R18E01.2>
- ASTM D4326. (2011). Standard test method for major and minor elements in coal and coke ash by X-Ray. *ASTM International*, i, 1–4. <https://doi.org/10.1520/D4326-21.2>
- ASTM International D3177-02. (2012). Standard Test Methods for Total Sulfur in the Analysis Sample of Coal and Coke 1. *Annual Book of ASTM Standards, 02*(Reapproved 2007), 2–5.
- Badriyah, L., & Restuaji, I. (2020). Adsorpsi Salinitas Sumber Air Madura dengan Zeolit Alam Klinoptilolit Teraktivasi Basa Adsorption Salinity of Water Sources in Madura by using Natural Zeolite Clinoptilolite Activated Base. *J. Sintesis Submitted: 29 Agustus, 1(2)*, 47–51. <https://jurnal.iik.ac.id/index.php/jurnalsintesis/article/view/9>
- Cai, S., Xu, S., Zhang, D., Liang, Y., & Zhu, H. (2025). Vegetation-Driven Changes in Soil Salinity Ions and Microbial Communities Across Tidal Flat Reclamation. *Microorganisms*, 13(6), 1–15. <https://doi.org/10.3390/microorganisms13061184>
- Conshohocken, W. (2002). Standard Test Methods for Proximate Analysis of the Analysis Sample of Coal and. *Methods, 05*(Reapproved), 1–8.
- Contreras, M. L., Benito, M., & Bahillo, A. (2023). Prediction of biomass corrosiveness over different coatings in fluidized bed combustion. *International Journal of Energy and Environmental Engineering*, 14(4), 699–718. <https://doi.org/10.1007/s40095-022-00544-y>
- Ebert, B. A. R., & Kirkelund, G. M. (2022). Effects of Chlorides and Sulphates on Heavy Metal Leaching from Mortar with Raw and Electrodialytically Treated MSWI Fly Ash. *Waste and Biomass Valorization*, 13(5), 2673–2688. <https://doi.org/10.1007/s12649-022-01686-0>
- Enestam, S., Bankiewicz, D., Tuiremo, J., Mäkelä, K., & Hupa, M. (2013). Are NaCl and KCl equally corrosive on superheater materials of steam boilers? *Fuel*, 104, 294–306. <https://doi.org/10.1016/J.FUEL.2012.07.020>
- Fang, P., Tang, Z. J., Chen, X. B., Huang, J. H., Tang, Z. X., & Cen, C. P. (2018). Chloride Ion Removal from the Wet Flue Gas Desulfurization and Denitrification Wastewater Using Friedel’s Salt Precipitation Method. *Journal*

of Chemistry, 2018. <https://doi.org/10.1155/2018/5461060>

- Gultom, E., Angga, D., Muzhoffar, F., & Ari, E. (2024). *Pengaruh Cofiring Menggunakan Variasi Biomassa untuk Menjaga Feedstock Biomassa di Pembangkit Listrik Tenaga Uap Batubara*. 9(2).
- Hansen, L. J., Fendt, S., & Spliethoff, H. (2022). Impact of hydrothermal carbonization on combustion properties of residual biomass. *Biomass Conversion and Biorefinery*, 12(7), 2541–2552. <https://doi.org/10.1007/s13399-020-00777-z>
- Hariana, Putra, H. P., & Kuswa, F. M. (2020). *Balai Teknologi Bahan Bakar dan Rekayasa Desain , Badan Pengkajian dan Penerapan Teknologi sehingga untuk menopang pertumbuhan tersebut diperlukan kecukupan energi listrik , sebagai*. December.
- Jafarihonar, F., Vainio, E., Hupa, L., & Hupa, M. (2025). Low-temperature corrosion in large-scale biomass boilers. *Npj Materials Degradation*, 9(1), 1–14. <https://doi.org/10.1038/s41529-025-00640-4>
- Method, S. T. (n.d.). *ASTM D3175-20 Metode Uji Standar untuk Bahan Mudah Menguap dalam Sampel Analisis Batubara dan Kokas 1*. 3–5. <https://doi.org/10.1520/D3175-20.2>
- Nasir, Subriyer. (2022). *Teori dan Teknologi Pemanfaatan Batubara Edisi Kedua*. UPT. Penerbit dan Percetakan Universitas Sriwijaya.
- Nasution, R. K. (2024). Literature Review on Co-Firing of Sub Bituminous Coal and Biomass for Greenhouse Gas Emission Mitigation. *Kurvatek*, 9(2), 207–212. <https://doi.org/10.33579/krvtk.v9i2.5429>
- Practice, S. (2013). Standard Practice for Proximate Analysis of Coal and Coke 1. *Annual Book of ASTM Standards*, 13(Reapproved), 3174–3175. <https://doi.org/10.1520/D3172-13R21E01.2>
- Qian, X., Xue, J., Yang, Y., & Lee, S. W. (2021). *Thermal Properties and Combustion-Related Problems Prediction of Agricultural Crop Residues*.
- Rahmad, B. (2018). *Gambut, Batubara, dan Batuan Sedimen Organik*.
- Retschitzegger, S., Gruber, T., Brunner, T., & Obernberger, I. (2015). Short term online corrosion measurements in biomass fired boilers. Part 1: Application of a newly developed mass loss probe. *Fuel Processing Technology*, 137(2015), 148–156. <https://doi.org/10.1016/j.fuproc.2015.03.026>
- Sari, R. L., & Haeruddin, H. (2024). Studi Pendahuluan Potensi Carbon Capture Storage (CCS) Melalui Identifikasi Sumber Emisi CO₂ beserta tinjauan geologi di Daerah Probolinggo, Jember, dan Bondowoso, Jawa Timur. *Jurnal Teknologi Lingkungan Lahan Basah*, 12(1), 137. <https://doi.org/10.26418/jtlb.v12i1.71804>
- Suganal, S., & Hudaya, G. K. (2019). Bahan bakar co-firing dari batubara dan biomassa tertorefaksi dalam bentuk briket (Skala laboratorium). *Jurnal Teknologi Mineral Dan Batubara*, 15(1), 31–48.

<https://doi.org/10.30556/jtmb.vol15.no1.2019.971>

Syed, A. U., Simms, N. J., & Oakey, J. E. (2012). Fireside corrosion of superheaters: Effects of air and oxy-firing of coal and biomass. *Fuel*, 101, 62–73. <https://doi.org/10.1016/J.FUEL.2011.03.010>

Wang, Y., Sun, Y., Yue, M., Li, Y., & Gao, N. (2020). Reaction Kinetics of Chlorine Corrosion to Heating Surfaces during Coal and Biomass Cofiring. *Journal of Chemistry*, 2020. <https://doi.org/10.1155/2020/2175795>