DAFTAR PUSTAKA

Abu-warda, N., López, A. J., Pedraza, F., & Utrilla, M. V. (2020). Fireside corrosion on T24 steel pipes and HVOF NiCr coatings exposed to different salt mixtures. *Corrosion Science*, *173*(May), 1–10. https://doi.org/10.1016/j.corsci.2020.108747

Abu-warda, N., Tomás, L. M., López, A. J., & Utrilla, M. V. (2021). High temperature corrosion behavior of Ni and Co base HVOF coatings exposed to NaCl-KCl salt mixture. *Surface and Coatings Technology*, *418*(February), 1–10. https://doi.org/10.1016/j.surfcoat.2021.127277

Agbor, E., Zhang, X., & Kumar, A. (2014). A review of biomass co-firing in North America. *Renewable and Sustainable Energy Reviews*, *40*, 930–943. https://doi.org/10.1016/j.rser.2014.07.195

Antunes, R. A., & de Oliveira, M. C. L. (2013). Corrosion in biomass combustion: A materials selection analysis and its interaction with corrosion mechanisms and mitigation strategies. *Corrosion Science*, *76*, 6–26. https://doi.org/10.1016/j.corsci.2013.07.013

Arinaldo, D., & Adiatama, J. C. (2019). Dinamika Batu Bara Indonesia: Menuju Transisi Energi yang Adil. *Institute for Essential Services Reform (IESR)*, 1–12. http://iesr.or.id/wp-content/uploads/2019/04/SPM-bahasa-lowres.pdf

ASTM. (2012). Standard guide for laboratory immersion corrosion testing of metals. *ASTM International*, *G31-12a*(October 2012), 1–10. https://doi.org/10.1520/G0031-12A.

ASTM G1. (1999). Synthesis of L [U 14C] α,β diaminopropionic acid. *ASTM Standard*, *11*(3), 265–266.

Bai, M., Reddy, L., & Hussain, T. (2018). Experimental and thermodynamic investigations on the chlorine-induced corrosion of HVOF thermal sprayed NiAl coatings and 304 stainless steels at 700 °C. *Corrosion Science*, *135*(February), 147–157. https://doi.org/10.1016/j.corsci.2018.02.047

Bajt Leban, M., Vončina, M., Kosec, T., Tisu, R., Barborič, M., & Medved, J. (2023). Comparison of Cycling High Temperature Corrosion at 650°C in the Presence of NaCl of Various Austenitic Stainless Steels. *High Temperature Corrosion of Materials*, *99*(1–2), 63–77. https://doi.org/10.1007/s11085-022-10138-y

Bhadeshia, H., Honeycombe, R., Bhadeshia, H., & Honeycombe, R. (2017). Chapter 12 – Stainless Steel. In *Steels: Microstructure and Properties* (4th ed.). Elsevier Ltd. https://doi.org/10.1016/B978-0-08-100270-4.00012-3

Blomberg, T. (2020). Role of potassium hydroxide in fouling and fire side corrosion processes in biomass - fired boilers. *Materials, Applied*, *35*(November), 108.

Brossard, J. M., Diop, I., Chaucherie, X., Nicol, F., Rapin, C., & Vilasi, M. (2011). Superheater fireside corrosion mechanisms in MSWI plants: Lab-scale study and on-site results. *Materials and Corrosion*, *62*(6), 543–548. https://doi.org/10.1002/maco.201005849

Cao, W., Martí-Rosselló, T., Li, J., & Lue, L. (2019). Prediction of potassium compounds released from biomass during combustion. *Applied Energy*, *250*(May), 1696–1705. https://doi.org/10.1016/j.apenergy.2019.05.106

Chen, G., Wenga, T., Ma, W., & Lin, F. (2019). Theoretical and experimental study of gas-phase corrosion attack of Fe under simulated municipal solid waste combustion: Influence of KCl, SO2, HCl, and H2O vapour. *Applied Energy*, *247*(February), 630–642. https://doi.org/10.1016/j.apenergy.2019.04.061

Dedov, A., Klevtsov, I., Lausmaa, T., & Bojarinova, T. (2020). High temperature corrosion and remaining lifetime assessment of ferritic steel 13CrMo4-4 tubes in a convective superheater of a CFB oil shale boiler. *Corrosion Science*, *164*(November), 1–12. https://doi.org/10.1016/j.corsci.2019.108311

Del Zotto, L., Tallini, A., Di Simone, G., Molinari, G., & Cedola, L. (2015). Energy enhancement of Solid Recovered Fuel within systems of conventional thermal power generation. *Energy Procedia*, *81*, 319–338. https://doi.org/10.1016/j.egypro.2015.12.102

Dianda, P., Mahidin, M., & Munawar, E. (2018). Production and characterization refuse derived fuel (RDF) from high organic and moisture contents of municipal solid waste (MSW). *IOP Conference Series: Materials Science and Engineering*, *334*(January), 1–8. https://doi.org/10.1088/1757-899X/334/1/012035

Fontana, M., & Greene, N. (1987). *Mars Fontana-Corrosion Engineering(www.iranidata.com).pdf*. McGraw-Hill Book Company; 3rd edition (November 1, 1985).

Gil, M. V., & Rubiera, F. (2018). Coal and biomass cofiring. In *New Trends in Coal Conversion: Combustion, Gasification, Emissions, and Coking*. Elsevier. https://doi.org/10.1016/B978-0-08-102201-6.00005-4

Grabke, H. J., & Meadowcroft, D. B. (1995). European federation of corrosion publications a working party report on guidelines for methods of testing and research in high temperature corrosion. In *European Federation of Corrosion* (Issue 14).

Han, J., Yu, D., Wu, J., Yu, X., Liu, F., Wang, J., & Xu, M. (2019). Fine Ash Formation and Slagging Deposition during Combustion of Silicon-Rich Biomasses and Their Blends with a Low-Rank Coal. *Energy and Fuels*, *33*(7), 5875–5882. https://doi.org/10.1021/acs.energyfuels.8b04193

Hariana, Karuana, F., Prabowo, Hilmawan, E., Darmawan, A., & Aziz, M. (2022). Effects of Different Coals for Co-Combustion with Palm Oil Waste on Slagging and Fouling Aspects. *Combustion Science and Technology*, *194*(December), 1–23. https://doi.org/10.1080/00102202.2022.2152684

Hariana, Prabowo, Hilmawan, E., Milky Kuswa, F., Darmawan, A., & Aziz, M. (2022). A comprehensive evaluation of cofiring biomass with coal and slagging-fouling tendency in pulverized coal-fired boilers. *Ain Shams*

Engineering Journal, *14*(7), 1–10. https://doi.org/10.1016/j.asej.2022.102001

Hariana, Prismantoko, A., Prabowo, Hilmawan, E., Darmawan, A., & Aziz, M. (2023). Effectiveness of different additives on slagging and fouling tendencies of blended coal. *Journal of the Energy Institute*, *107*(January), 1–14. https://doi.org/10.1016/j.joei.2023.101192

Hariana, Putra, H. P., Prabowo, Hilmawan, E., Darmawan, A., Mochida, K., & Aziz, M. (2023). Theoretical and experimental investigation of ash-related problems during coal co-firing with different types of biomass in a pulverized coal-fired boiler. *Energy*, *269*(January), 1–16. https://doi.org/10.1016/j.energy.2023.126784

Karampinis, E., Grammelis, P., Agraniotis, M., Violidakis, I., & Kakaras, E. (2014). Co-firing of biomass with coal in thermal power plants: Technology schemes, impacts, and future perspectives. *Wiley Interdisciplinary Reviews: Energy and Environment*, *3*(4), 384–399. https://doi.org/10.1002/wene.100

Karlsson, S., Pettersson, J., Johansson, L. G., & Svensson, J. E. (2012). Alkali induced high temperature corrosion of stainless steel: The influence of NaCl, KCl and CaCl 2. *Oxidation of Metals*, *78*(1–2), 83–102. https://doi.org/10.1007/s11085-012-9293-7

Karlsson, Sofia, Åmand, L. E., & Liske, J. (2015). Reducing high-temperature corrosion on high-alloyed stainless steel superheaters by co-combustion of municipal sewage sludge in a fluidised bed boiler. *Fuel*, *139*, 482–493. https://doi.org/10.1016/j.fuel.2014.09.007

Karlsson, Sofia, Jonsson, T., Hall, J., Svensson, J. E., & Liske, J. (2014). Mitigation of fireside corrosion of stainless steel in power plants: A laboratory study of the influences of SO2 and KCl on initial stages of corrosion. *Energy and Fuels*, *28*(5), 3102–3109. https://doi.org/10.1021/ef402127h

Karuana, F., Prismantoko, A., Suhendra, N., Darmawan, A., Hariana, H., Darmadi, D. B., & Akhsin Muflikhun, M. (2023). Investigation of austenitic stainless steel corrosion resistance against ash deposits from co-combustion coal and biomass waste. *Engineering Failure Analysis*, *150*. https://doi.org/10.1016/j.engfailanal.2023.107368

Kassman, H., Bäfver, L., & Åmand, L. E. (2010). The importance of SO2 and SO3 for sulphation of gaseous KCl - An experimental investigation in a biomass fired CFB boiler. *Combustion and Flame*, *157*(9), 1649–1657. https://doi.org/10.1016/j.combustflame.2010.05.012

Khatak, H. S., & Raj, B. (2002). Corrosion of Austenitic Stainless Steels. In *Corrosion of Austenitic Stainless Steels*. Woodhead Publishing Limited. https://doi.org/10.1533/9780857094018

Kleinhans, U., Wieland, C., Frandsen, F. J., & Spliethoff, H. (2018a). Ash formation and deposition in coal and biomass fired combustion systems: Progress and challenges in the field of ash particle sticking and rebound behavior. *Progress in Energy and Combustion Science*, *68*, 65–168. https://doi.org/10.1016/j.pecs.2018.02.001

Kleinhans, U., Wieland, C., Frandsen, F. J., & Spliethoff, H. (2018b). Ash formation and deposition in coal and biomass fired combustion systems: Progress and challenges in the field of ash particle sticking and rebound behavior. *Progress in Energy and Combustion Science*, *68*, 65–168. https://doi.org/10.1016/j.pecs.2018.02.001

Lachman, J., Baláš, M., Lisý, M., Lisá, H., Milčák, P., & Elbl, P. (2021). An overview of slagging and fouling indicators and their applicability to biomass fuels. *Fuel Processing Technology*, *217*, 106804. https://doi.org/10.1016/J.FUPROC.2021.106804

Lai, Z., Ma, X., Tang, Y., Li, M., & Ni, J. (2014). Deposit analysis of water-wall tubes in a municipal solid waste grate incinerator. *Applied Thermal Engineering*, *66*(1–2), 415–422. https://doi.org/10.1016/j.applthermaleng.2014.01.052

Lariot-Sánchez, C., Rivas-Gutierrez, A., Rodríguez-Machín, L., Rubio-González, A., & Iturria-Quintero, P. J. (2022). Impact of Alkalis and Chlorides from Sugarcane Agriculture Residues on High Temperature Corrosion: A Review. *Oxidation of Metals*, *97*(5–6), 451–475. https://doi.org/10.1007/s11085-022-10102-w

Li, J., Zhu, M., Zhang, Z., Zhang, K., Shen, G., & Zhang, D. (2016). Characterisation of ash deposits on a probe at different temperatures during combustion of a Zhundong lignite in a drop tube furnace. *Fuel Processing Technology*, *144*, 155–163. https://doi.org/10.1016/j.fuproc.2015.12.024

Li, J., Zhu, M., Zhang, Z., Zhang, K., Shen, G., & Zhang, D. (2017a). Effect of coal blending and ashing temperature on ash sintering and fusion characteristics during combustion of Zhundong lignite. *Fuel*, *195*, 131–142. https://doi.org/10.1016/j.fuel.2017.01.064

Li, J., Zhu, M., Zhang, Z., Zhang, K., Shen, G., & Zhang, D. (2017b). Stratification and Chemistry Evolution of Ash Deposits during Combustion of Zhundong Lignite in a Drop Tube Furnace. *Energy Procedia*, *105*, 4216–4221. https://doi.org/10.1016/j.egypro.2017.03.904

Li, K., & Zeng, Y. (2022). Corrosion of heat exchanger materials in co-combustion thermal power plants. *Renewable and Sustainable Energy Reviews*, *161*(October 2021), 112328. https://doi.org/10.1016/j.rser.2022.112328

Li, X., Gong, X., Zhang, C., Liu, T., Wang, W., & Zhang, Y. (2020). Occurrence characteristics of ash-forming elements in sea rice waste and their effects on particulate matter emission during combustion. *Fuel*, *273*(December 2019), 117769. https://doi.org/10.1016/j.fuel.2020.117769

Liang, Z., Yu, M., & Zhao, Q. (2019). Investigation of fireside corrosion of austenitic heat-resistant steel 10Cr18Ni9Cu3NbN in ultra-supercritical power plants. *Engineering Failure Analysis*, *100*(October 2017), 180–191. https://doi.org/10.1016/j.engfailanal.2019.02.048

Lindberg, D., Niemi, J., Engblom, M., Yrjas, P., Laurén, T., & Hupa, M. (2016). Effect of temperature gradient on composition and morphology of synthetic chlorine-containing biomass boiler deposits. *Fuel Processing Technology*, *141*, 285–298. https://doi.org/10.1016/j.fuproc.2015.10.011

Liu, B., He, Q., Jiang, Z., Xu, R., & Hu, B. (2013). Relationship between coal ash composition and ash fusion temperatures. *Fuel*, *105*, 293–300. https://doi.org/10.1016/j.fuel.2012.06.046

Liu, S., Liu, Z., Wang, Y., & Tang, J. (2014). A comparative study on the high temperature corrosion of TP347H stainless steel, C22 alloy and laser-cladding C22 coating in molten chloride salts. *Corrosion Science*, *83*, 396–408. https://doi.org/10.1016/j.corsci.2014.03.012

Liu, T., Hower, J. C., & Huang, C. H. (2023). Recovery of Rare Earth Elements from Coal Fly Ash with Betainium Bis(trifluoromethylsulfonyl)imide: Different Ash Types and Broad Elemental Survey. *Minerals*, *13*(7), 1–16. https://doi.org/10.3390/min13070952

Liu, Z., Li, J., Zhu, M., Wang, Q., Lu, X., Zhang, Y., Zhang, Z., & Zhang, D. (2019). Morphological and Mineralogical Characterization of Ash Deposits during Circulating Fluidized Bed Combustion of Zhundong Lignite. *Energy and Fuels*, *33*(3), 2122–2132. https://doi.org/10.1021/acs.energyfuels.8b04512

Lu, G., Zhang, K., & Cheng, F. (2018). The fusion characteristics of ashes from anthracite and biomass blends. *Journal of the Energy Institute*, *91*(5), 797–804. https://doi.org/10.1016/j.joei.2017.05.001

Luan, C., You, C., & Zhang, D. (2014). An experimental investigation into the characteristics and deposition mechanism of high-viscosity coal ash. *Fuel*, *119*, 14–20. https://doi.org/10.1016/j.fuel.2013.11.031

Ma, H. T., Zhou, C. H., & Wang, L. (2009). High temperature corrosion of pure Fe, Cr and Fe-Cr binary alloys in O2 containing trace KCl vapour at 750 °C. *Corrosion Science*, *51*(8), 1861–1867.

https://doi.org/10.1016/j.corsci.2009.05.014

Ma, W., & Rotter, S. (2018). Overview on the chlorine origin of MSW and Cl-originated corrosion during MSW & RDF combustion process. *IEEE Xplore*, *2nd Intern*(May), 4255–4258.

Ma, W., Wenga, T., Zhang, N., Chen, G., Yan, B., Zhou, Z., & Wu, X. (2017). Full-scale experimental investigation of deposition and corrosion of pre-protector and 3rd superheater in a waste incineration plant. *Scientific Reports*, *7*(1), 1–11. https://doi.org/10.1038/s41598-017-17438-3

Macdonald, D. D., & Engelhardt, G. R. (2010). Predictive modeling of corrosion. *Shreir's Corrosion*, *2*, 1630–1679. https://doi.org/10.1016/B978-044452787-5.00086-X

Maj, I., Kalisz, S., Wejkowski, R., Pronobis, M., & Gołombek, K. (2022). High-temperature corrosion in a multifuel circulating fluidized bed (CFB) boiler co-firing refuse derived fuel (RDF) and hard coal. *Fuel*, *324*(February), 1–11. https://doi.org/10.1016/j.fuel.2022.124749

Meißner, T. M., Grégoire, B., Montero, X., Miller, E., Maier, J., & Galetz, M. C. (2020). Long-Term Corrosion Behavior of Cr Diffusion Coatings on Ferritic-Martensitic Superheater Tube Material X20CrMoV12-1 under Conditions Mimicking Biomass (Co-)firing. *Energy and Fuels*, *34*(9), 10989–11002. https://doi.org/10.1021/acs.energyfuels.0c01474

Míguez, J. L. et al. (2021). Review of the use of additives to mitigate operational problems associated with the combustion of biomass with high content in ash-forming species. *Renewable and Sustainable Energy Reviews*.

Míguez, J. L., Porteiro, J., Behrendt, F., Blanco, D., Patiño, D., & Dieguez-Alonso, A. (2021). Review of the use of additives to mitigate operational problems associated with the combustion of biomass with high content in ash-forming species. *Renewable and Sustainable Energy Reviews*, *141*(March 2020), 1–38. https://doi.org/10.1016/j.rser.2020.110502

Mlonka-Mędrala, A., Magdziarz, A., Gajek, M., Nowińska, K., & Nowak, W. (2020). Alkali metals association in biomass and their impact on ash melting behaviour. *Fuel*, *261*(October 2019), 1–17. https://doi.org/10.1016/j.fuel.2019.116421

NACE Standard. (2000). Standard test method: Laboratory corrosion testing of metals. *NACE Standard*, *1*(21200), 1–10.

Natesan, K., & Park, J. H. (2007). Fireside and steamside corrosion of alloys for USC plants. *International Journal of Hydrogen Energy*, *32*(16), 3689–3697. https://doi.org/10.1016/j.ijhydene.2006.08.038

Nielsen, H. P., Frandsen, F. J., Dam-Johansen, K., & Baxter, L. L. (2000). Implications of chlorine-associated corrosion on the operation of biomass-fired boilers. *Progress in Energy and Combustion Science*, *26*(3), 283–298. https://doi.org/10.1016/S0360-1285(00)00003-4

Niemi, J., Engblom, M., Laurén, T., Yrjas, P., Lehmusto, J., Hupa, M., & Lindberg, D. (2021). Superheater deposits and corrosion in temperature gradient – Laboratory studies into effects of flue gas composition, initial deposit structure, and exposure time. *Energy*, *228*(February), 1–14. https://doi.org/10.1016/j.energy.2021.120494

Niemi, J., Lindberg, D., Engblom, M., & Hupa, M. (2017). Simultaneous melt and vapor induced ash deposit aging mechanisms – Mathematical model and experimental observations. *Chemical Engineering Science*, *173*, 196–207. https://doi.org/10.1016/j.ces.2017.07.041

Niu, Y., Tan, H., & Hui, S. (2016). Ash-related issues during biomass combustion: Alkali-induced slagging, silicate melt-induced slagging (ash fusion), agglomeration, corrosion, ash utilization, and related countermeasures. *Progress in Energy and Combustion Science*, *52*, 1–61. https://doi.org/10.1016/j.pecs.2015.09.003

Persson, K., Broström, M., Carlsson, J., Nordin, A., & Backman, R. (2007). High temperature corrosion in a 65 MW waste to energy plant. *Fuel Processing Technology*, *88*(11–12), 1178–1182. https://doi.org/10.1016/j.fuproc.2007.06.031

Pettersson, J., Svensson, J. E., & Johansson, L. G. (2008). Alkali induced corrosion of 304-type austenitic stainless steel at 600°C; comparison between KCl, K2CO3 and K 2so4. *Materials Science Forum*, *595-598 PA*, 367–375. https://doi.org/10.4028/www.scientific.net/msf.595-598.367

Plaut, R. L., Herrera, C., Escriba, D. M., Rios, P. R., & Padilha, A. F. (2007). A Short review on wrought austenitic stainless steels at high temperatures: Processing, microstructure, properties and performance. *Materials Research*, *10*(4), 453–460. https://doi.org/10.1590/S1516-14392007000400021

Priyanto, D. E., Matsunaga, Y., Ueno, S., Kasai, H., Tanoue, T., Mae, K., & Fukushima, H. (2017). Co-firing high ratio of woody biomass with coal in a 150-MW class pulverized coal boiler: Properties of the initial deposits and their effect on tube corrosion. *Fuel*, *208*, 714–721. https://doi.org/10.1016/j.fuel.2017.07.053

Raask, E. (1985). *Mineral impurities in coal combustion: behavior, problems, and remedial measures*. Hemisphere Publishing Corporation,Washington, DC.

Reddy, L., Sattari, M., Davis, C. J., Shipway, P. H., Halvarsson, M., & Hussain, T. (2019). Influence of KCl and HCl on a laser clad FeCrAl alloy: In-Situ SEM and controlled environment High temperature corrosion. *Corrosion Science*, *158*(July), 108076. https://doi.org/10.1016/j.corsci.2019.07.003

Rehfeldt, M., Worrell, E., Eichhammer, W., & Fleiter, T. (2020). A review of the emission reduction potential of fuel switch towards biomass and electricity in European basic materials industry until 2030. *Renewable and Sustainable Energy Reviews*, *120*(March 2019), 1–16. https://doi.org/10.1016/j.rser.2019.109672

Richard, E. N., Hilonga, A., Machunda, R. L., & Njau, K. N. (2019). A review on strategies to optimize metabolic stages of anaerobic digestion of municipal solid wastes towards enhanced resources recovery. *Sustainable Environment Research*, *1*(1), 1–13. https://doi.org/10.1186/s42834-019-0037-0

Sadeghi, E., Markocsan, N., & Joshi, S. (2019). Advances in Corrosion-Resistant Thermal Spray Coatings for Renewable Energy Power Plants. Part I: Effect of Composition and Microstructure. In *Journal of Thermal Spray Technology* (Vol. 28, Issue 8). Springer US. https://doi.org/10.1007/s11666-019-00938-1

Shi, W. J., Kong, L. X., Bai, J., Xu, J., Li, W. C., Bai, Z. Q., & Li, W. (2018). Effect of CaO/Fe2O3 on fusion behaviors of coal ash at high temperatures. *Fuel Processing Technology*, *181*(July), 18–24. https://doi.org/10.1016/j.fuproc.2018.09.007

Stephan, A., Wolf, C., Fendt, S., & Spliethoff, H. (2017). Online corrosion measurements in small- and mid-scale during pulverised biomass/coal co-combustion. *Energy Procedia*, *120*, 309–316. https://doi.org/10.1016/j.egypro.2017.07.224

Su, I., Su, I., Diez, M. A., Rubiera, F., & Nacional, I. (2019). New Trends in Coal Conversion. In *New Trends in Coal Conversion*. Woodhead Publishing Limited. https://doi.org/10.1016/c2016-0-04039-1

Sui, J., Xu, X., Zhang, B., Huang, C., & Lv, J. (2013). A Mathematical Model of Biomass Briquette Fuel Combustion. *Energy and Power Engineering*, *05*(04), 1–5. https://doi.org/10.4236/epe.2013.54b001

Sun, H., & Liu, J. (2022). Hot corrosion of Fe and Ni-based alloys in Wase-to-energy environment at 850 °C. *Engineering Failure Analysis*, *133*(December 2021), 1–10. https://doi.org/10.1016/j.engfailanal.2021.105964

Sun, Q., Fang, T., Chen, J., & Da, C. (2021). Characteristics of chlorine releasing from coal-fired power plant. *Atmosphere*, *12*(October), 1–10. https://doi.org/10.3390/atmos12121550

Szydełko, A., Ferens, W., & Rybak, W. (2020). The effect of mineral additives on the process of chlorine bonding during combustion and co-combustion of Solid Recovered Fuels. *Waste Management*, *102*, 624–634. https://doi.org/10.1016/j.wasman.2019.10.032

Szydełko, A., Ferens, W., & Rybak, W. (2022). Effects of calcium, sodium and potassium on ash fusion temperatures of solid recovered fuels (SRF). *Waste Management*, *150*(June), 161–173. https://doi.org/10.1016/j.wasman.2022.06.032

Vainio, E., Kinnunen, H., Laurén, T., Brink, A., Yrjas, P., DeMartini, N., & Hupa, M. (2016). Low-temperature corrosion in co-combustion of biomass and solid recovered fuels. *Fuel*, *184*, 957–965. https://doi.org/10.1016/j.fuel.2016.03.096

Varol, M., Symonds, R., Anthony, E. J., Lu, D., Jia, L., & Tan, Y. (2018). Emissions from co-firing lignite and biomass in an oxy-fired CFBC. *Fuel Processing Technology*, *173*(January), 126–133. https://doi.org/10.1016/j.fuproc.2018.01.002

Vassilev, S. V., Baxter, D., & Vassileva, C. G. (2013a). An overview of the behaviour of biomass during combustion: Part I. Phase-mineral transformations of organic and inorganic matter. *Fuel*, *112*(May), 391–449. https://doi.org/10.1016/j.fuel.2013.05.043

Vassilev, S. V., Baxter, D., & Vassileva, C. G. (2013b). An overview of the behaviour of biomass during combustion: Part I. Phase-mineral transformations of organic and inorganic matter. *Fuel*, *112*(May), 391–449. https://doi.org/10.1016/j.fuel.2013.05.043

Vassilev, S. V., Vassileva, C. G., & Vassilev, V. S. (2015). Advantages and disadvantages of composition and properties of biomass in comparison with coal: An overview. *Fuel*, *158*(May), 330–350. https://doi.org/10.1016/j.fuel.2015.05.050

Vejahati, F., Xu, Z., & Gupta, R. (2010). Trace elements in coal: Associations with coal and minerals and their behavior during coal utilization - A review. *Fuel*, *89*(4), 904–911. https://doi.org/10.1016/j.fuel.2009.06.013

Verbinnen, B., De Greef, J., & Van Caneghem, J. (2018). Theory and practice of corrosion related to ashes and deposits in a WtE boiler. *Waste Management*, *73*, 307–312. https://doi.org/10.1016/j.wasman.2017.11.031

Viklund, P., Hjörnhede, A., Henderson, P., Stålenheim, A., & Pettersson, R. (2013). Corrosion of superheater materials in a waste-to-energy plant. *Fuel Processing Technology*, *105*, 106–112. https://doi.org/10.1016/j.fuproc.2011.06.017

Viswanathan, R., & Bakker, W. (2001). Materials for ultrasupercritical coal power plants - boiler materials: Part 1. *Journal of Materials Engineering and Performance*, *10*(1), 81–95. https://doi.org/10.1361/105994901770345394

Wang, C., Sun, R., Zhao, L., Wang, C., Hu, G., Zhao, N., & Che, D. (2020). Experimental study on fouling and slagging behaviors during oxy-fuel combustion of high-sodium coal using a high-temperature drop-tube furnace. *International Journal of Greenhouse Gas Control*, *97*(March), 1–16. https://doi.org/10.1016/j.ijggc.2020.103054

Wang, G., Silva, R. B., Azevedo, J. L. T., Martins-Dias, S., & Costa, M. (2014). Evaluation of the combustion behaviour and ash characteristics of biomass waste derived fuels, pine and coal in a drop tube furnace. *Fuel*, *117*(PART A), 809–824. https://doi.org/10.1016/j.fuel.2013.09.080

Wang, Y., Jin, J., Liu, D., Yang, H., & Li, S. (2018). Understanding Ash Deposition for the Combustion of Zhundong Coal: Focusing on Different Additives Effects. *Energy and Fuels*, *32*(6), 7103–7111. https://doi.org/10.1021/acs.energyfuels.8b00384

Wei, B., Wu, W., Liu, K., Wang, J., Chen, L., Ma, J., Wang, F., Li, X., Yang, W., & Tan, H. (2022). Investigation of Slagging Characteristics on Middle and low temperature heat transfers by Burning High Sodium and Iron coal. *Combustion Science and Technology*, *194*(9), 1768–1787.

https://doi.org/10.1080/00102202.2020.1830768

Xu, Y., Yang, K., Zhou, J., & Zhao, G. (2020). Coal-biomass co-firing power generation technology: Current status, challenges and policy implications. *Sustainability (Switzerland)*, *12*(9), 1–18. https://doi.org/10.3390/su12093692

Yan, T., Bai, J., Kong, L., Bai, Z., Li, W., & Xu, J. (2017). Effect of SiO2/Al2O3on fusion behavior of coal ash at high temperature. *Fuel*, *193*, 275–283. https://doi.org/10.1016/j.fuel.2016.12.073

Yanik, J., Duman, G., Karlström, O., & Brink, A. (2018). NO and SO2 emissions from combustion of raw and torrefied biomasses and their blends with lignite. *Journal of Environmental Management*, *227*(August), 155–161. https://doi.org/10.1016/j.jenvman.2018.08.068

Yin, Y., Faulkner, R., & Starr, F. (2014). Austenitic steels and alloys for power plants. In *Structural Alloys for Power Plants: Operational Challenges and High-Temperature Materials*. https://doi.org/10.1533/9780857097552.2.105

Zevenhoven, M., Yrjas, P., Skrifvars, B. J., & Hupa, M. (2012). Characterization of ash-forming matter in various solid fuels by selective leaching and its implications for fluidized-bed combustion. *Energy and Fuels*, *26*(10), 6366–6386. https://doi.org/10.1021/ef300621j

Zhang, J., Rahman, Z. ur, Wang, X., Wang, Z., Li, P., Wang, Y., Bate, D., Zhao, K., & Tan, H. (2020). Hot corrosion behaviors of TP347H and HR3C stainless steel with KCl deposit in oxy-biomass combustion. *Journal of Environmental Management*, *263*(March), 1–11. https://doi.org/10.1016/j.jenvman.2020.110411

Zhang, S., Lin, X., Chen, Z., Li, X., Jiang, X., & Yan, J. (2018). Influence on gaseous pollutants emissions and fly ash characteristics from co-combustion of municipal solid waste and coal by a drop tube furnace. *Waste Management*, *81*, 33–40. https://doi.org/10.1016/j.wasman.2018.09.048

Zhao, J., Li, B., Wei, X., Zhang, Y., & Li, T. (2020). Slagging characteristics caused by alkali and alkaline earth metals during municipal solid waste and sewage sludge co-incineration. *Energy*, *202*(May), 1–8. https://doi.org/10.1016/j.energy.2020.117773