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- [1] L. Zhang, Z. Dong, 2018. *Analysis of Sootblowing Experiments and Research on Sootblowing Strategy for Coal Fired Utility Boiler*. IOP Conference Series: Earth Environmental Science 186 (2018) 012033.
- [2] H. Park, J. Lee, J. Lim, H. Cho, J. Kim, 2022. *Optimal Operating Strategy of Ash Deposit Removal System to Maximize Boiler Efficiency Using CFD and a Thermal Transfer Efficiency Model*. Journal of Industrial and Engineering Chemistry 110 (2022) 301-317.
- [3] S.V. Syrodov, G.V. Kuznetsov, N.Y. Gutareva, V.V. Salomotov, 2018. *The efficiency of heat transfer through the ash deposits on the heat exchange surfaces by burning coal and coal-water fuels*. Journal of the Energy Institute 91 (2018) 1091-1101.
- [4] K. Qiu, H. Zhang, H. Zhou, B. Zhou, L. Li, K. Cen, 2014. *Experimental investigation of ash deposits characteristics of co-combustion of coal and rice hull using a digital image technique*. Applied Thermal Engineering 70 (2014) 77-89.
- [5] C. Yongtie, Y. Wenming, Z. Zhimin, X. Mingchen, S.K. Boon, P. Subbaiah, 2017. *Modelling of ash deposition in biomass boilers: a review*. Energy Procedia 143 (2017) 623-628.
- [6] A. Pophali, B. Emami, M. Bussmann, H. Tran, 2013. *Studies on Sootblower Jet Dynamics and Ash Deposit Removal in Industrial Boilers*. Fuel Processing Technology 105 (2013) 69-76.
- [7] H. Bilirgen, 2014. *Slagging in PC boilers and developing mitigation strategies*. Fuel 114 (2014) 618-624.
- [8] X. Liu, M. Xu, H. Yao, D. Yu, X. Gao, Q. Cao, Y. Cai, 2006. *Effect of combustion parameters on the emission and chemical composition of particulate matter during coal combustion*. Energy & Fuel Vol.21.
- [9] B. Wei, H. Tan, Y. Wang, X. Wang, T. Yang, R. Ruan, 2017. *Investigation of characteristic and formation mechanism of deposits on different positions in full-scale boiler burning high alkali coal*. Applied Thermal Engineering 119 (2017) 449-458.
- [10] L. Xu, Y. Huang, J. Yue, L. Dong, L. Liu, J. Zha, M. Yu, B. Chen, Z. Zhu, H. Liu, 2021. *Improvement of slagging monitoring and soot-blowing of waterwall in 650MWe coal-fired utility boiler*. Journal of The Energy Institute 96 (2021) 106-120.

- [11] L. Pattanayak, S.P.K. Ayyagari, J.N. Sahu, 2015. *Optimization of sootblowing frequency to improve boiler performance and reduce combustion pollution. Clean Technologies and Environmental Policy* Vol.17: 1897-1906.
- [12] X. Yue, S. Liao, J. Xu, D. Ke, H. Wang, J. Yang, X. He, 2024. *Collaborative optimization of renewable energy power systems integrating electrolytic aluminum load regulation and thermal power deep peak shaving. Applied Energy* 373 (2024) 123869.
- [13] A. Haddad, O. Mohamed, M. Zahlan, J. Wang, 2021. *Parameter identification of highly promising cleaner coal power station. Journal of Cleaner Production* 326 (2021) 129323.
- [14] D. S. Bhiogade, 2023. *Ultra supercritical thermal power plant material advancements: A review. Journal of Alloys and Metallurgical Systems* 3 (2023) 100024.
- [15] Mitsubishi Heavy Industries, 2010. (OPM-04) *Operation manual for Fuel firing system. Power System Headquarters Boiler Engineering Department.*
- [16] Mitsubishi Heavy Industries, 2010. (OPM-03) *Operation manual for Air and Flue Gas system. Power System Headquarters Boiler Engineering Department.*
- [17] Mitsubishi Heavy Industries, 2010. (OPM-01) *Operation manual for Boiler Feed Water system. Power System Headquarters Boiler Engineering Department.*
- [18] Mitsubishi Heavy Industries, 2010. (OPM-09) *Operation manual for Turbine Extraction Steam and Heater Drain System. Power System Headquarters Boiler Engineering Department.*
- [19] H. Suhaily, M. Hairin, S. Arif, H. Moesafi, 2023. *Laporan Audit Energi PLTU Paiton Unit 3, 7&8. PT. Paiton Energy.*
- [20] Mitsubishi Heavy Industries, 2010. (OPM-02) *Operation manual for Steam Turbine and Turbine Bypass System. Power System Headquarters Boiler Engineering Department.*
- [21] Mitsubishi Heavy Industries, 2010. (OPM-07) *Operation manual for Boiler Pressure Parts, Main Steam and Reheat Steam System. Power System Headquarters Boiler Engineering Department.*
- [22] Mitsubishi Heavy Industries, 2010. (OPM-05) *Operation manual for Sootblowing System. Power System Headquarters Boiler Engineering Department.*
- [23] S. Singh, 2012. *Pre-determination of the fouling and cleanliness factor of the heat exchanger. International Journal of Engineering Research and Applications* Vol.2 (2012) 1177-1179.
- [24] GP Strategies Corporation, 2012. *EtaPRO Performance & condition monitoring ; Calculation Templates.*

- [25] Yousef Altork, 2025. Comparative analysis of machine learning models for wind speed forecasting : support vector machines, fine tree, and linier regressionn approaches. International Journal of Thermofluids 27 (2025) 101217.

