DAFTAR PUSTAKA

Zhao, H., Li, W., Zhang, J., Ding, X., & Kang, Z. (2024). *Retrofit and application of pulverized coal burners with LNG and oxygen ignition in utility boiler under ultra-low load operation*. Heliyon, 10(8), e29154. https://doi.org/10.1016/j.heliyon.2024.e29154

Liu, Z. (2025). *Design and application of a PLC-based FSSS system for gas-fired boiler*. *International Core Journal of Engineering, 11*(7), 115–121. https://doi.org/10.6919/ICJE.202507_11(7).0017

Gabor, G., & Livint, G. (2022). *Implementation of a PID controller using Siemens PLC*. In 2022 International Conference and Exposition on Electrical and Power Engineering (EPE) (pp. 593–596). IEEE. https://doi.org/10.1109/EPE56121.2022.9959869

Fan, X., Zhang, Y., & Wang, C. (2025). *Design and implementation of a torque control system based on Siemens S7-200 SMART PLC and adaptive PID algorithm*. In 2025 2nd International Conference on Intelligent Computing and Robotics (ICICR) (pp. 160–164). IEEE. https://doi.org/10.1109/ICICR65456.2025.00035

Supriyanto, H., Rizal, M. N., & Wibowo, S. (2024). Implementation of Siemens S7-1200 *PID* control on Festo Labvolt 3531 plant level controller with Topkapi SCADA using Modbus communication protocol. Journal La Multiapp, 5(2), 131–144. https://doi.org/10.37899/journallamultiapp.v5i2.1356

Salkić, A., Muhović, H., & Jokić, D. (2022). Siemens S7-1200 *PLC* DC motor control capabilities. IFAC-PapersOnLine, 55(4), 103–108. https://doi.org/10.1016/j.ifacol.2022.06.017

Rizaldi, I. (2015). *Perancangan sistem kendali boiler menggunakan algoritma PID pada PLC (programmable logic controller) Omron* (Skripsi S1, Universitas Telkom).

Siemens AG. (2018). *SIMATIC S7-1200 system manual*. Siemens Industry.

Alfith. (2021). *Perancangan kontrol smart warehouse berbasis PLC Siemens S7-1200 dengan pantauan HMI*. *Jurnal Teknik Elektro ITP, 10*(1), 19–24.

Silawardono, A., et al. (2024). *Implementasi PID control pada PLC Siemens S7-1200 untuk pengendalian temperatur*. In Prosiding Seminar Nasional.

Muslimin, & Jabir, S. N. (2023). *Implementation of forward reverse control and monitoring on three phase motor with Siemens S7-1200 PLC based on LabView HMI and OPC*. *Journal of Electrical and Automation Technology (JEAT), 2*(1). https://doi.org/10.61844/jeat.v2i1.513

Ren, Y., et al. (2025). *Temperature control system based on PLC and PID algorithm*. In Atlantis Press proceedings.