

Research on AHU control and monitoring system for SANWA factory

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Abstract: This topic focuses on analyzing current issues related to the air handling unit (AHU) system at the SANWA factory, aiming to identify the necessity of improving the management system to enhance operational efficiency and reduce energy costs. The main objective is to develop an integrated solution for automatic control and centralized monitoring of the AHU. The research methodology is based on synthesizing knowledge from existing literature combined with practical surveys at the factory. The expected result is that the system implementation will improve the quality of the working environment, enhance energy efficiency, and provide a technical foundation for future projects.

Keywords: AHU system, SANWA factory, Energy management, Automatic control, Centralized monitoring