

Building a control and monitoring system for the raw material feeding system of a cement kiln.

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Abstract: This topic focuses on researching and implementing an automatic control and intelligent monitoring system for the raw material feeding process in cement kilns. In the context of modernizing cement production processes to enhance productivity efficiency and reduce operational costs, the topic identifies the goal of designing a comprehensive solution, from analyzing technological requirements to practical testing. Through this, the system is expected to deliver results such as enhanced monitoring, optimized feeding processes, and improved cement product quality, while contributing to sustainable development in the construction industry.

Keywords: Control system, Cement kiln, Automatic feeding, Intelligent monitoring, Process optimization