

Building a control and monitoring program for the cement grinding and packing workshop using PLC S7-300.

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Abstract: The research aims to address challenges in production management at the cement grinding workshop by building an automatic monitoring and control system. The topic combines PLC programming techniques and information technology to develop a program based on S7-300 hardware, with the goal of optimizing the production process and improving work efficiency. Through experimentation, the research hopes to provide a practical solution for the cement industry and contribute to the development of automation technology in this field.

Keywords: PLC S7-300, production monitoring, industrial automation, process management, control system