

Design of control and monitoring system for soft drink bottle production line.

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Abstract: This topic focuses on the design and implementation of an automatic control and quality monitoring system for a soft drink bottling production line. The practical context shows that improving production efficiency and ensuring the accuracy of the bottling process is extremely important to meet increasingly strict quality standards. The research method combines automatic control theory with experiments on an actual production line. It is expected that the system will significantly improve productivity and product quality, contributing to the development of beverage processing technology.

Keywords: automatic control system, quality monitoring, soft drink bottle production line, production efficiency, quality standards