

Automation of the beer bottle capping control process

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Abstract: This topic focuses on automating the beer bottle capping process to enhance efficiency and product quality. The reason for choosing this topic is the increasing demand for technological improvements in the food processing industry. The objective of the research is to develop an automated system capable of precisely controlling the capping process, ensuring tightness and food safety hygiene. The research method combines theory and experimentation to build and test the system. The expected result is to provide an effective solution for beer manufacturers, while expanding understanding of automation in the food processing industry.

Keywords: Automation, bottle capping process, beer, quality control, automatic system