

Building a monitoring system for trolleys at Phu Loc brick factory.

Nguyen Tien Luc

Abstract: In the context of traditional brick production demanding increasing efficiency and automation, this project aims to build a monitoring system for kiln cars at the Phú Lộc brick factory. The topic selection is based on the practical need to optimize the operation of kiln cars, enhance productivity, and minimize errors in production. The research methodology includes analyzing existing processes, designing and implementing an automatic monitoring system by combining control programming theory with experiments at the factory. The significance of the project lies in its ability to improve technological efficiency and product quality, while contributing to technical development in the construction brick industry.

Keywords: Monitoring system, Trolley, Brick factory, Automation, Process control