

Design of a 35-ton overhead crane control circuit for Lam Thao Suppe Phosphate and Chemicals Joint Stock Company

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Abstract: This topic focuses on designing electronic circuits for the control system of a 35-ton overhead crane at Suppe Phosphate and Chemicals Lam Thao Joint Stock Company. The project aims to meet practical requirements for precision and operational performance of the crane in a modern industrial environment. By combining theoretical research with experimental implementation, the topic has developed an advanced control system that meets high safety and productivity standards. The project results are significant in enhancing the company's operational efficiency and contributing to the development of automation technology in the heavy industry sector.

Keywords: overhead crane control, electronic circuit, industrial automation