

Control of the weighing belt system for a cement plant

Tran Van Long

Abstract: In the context of cement production increasingly demanding high efficiency and precision, this topic focuses on researching and implementing a control system for weighing belt feeders. The project's objective is to improve accuracy in the raw material distribution process, ensuring stable cement product quality. The approach combines digital theory and experimentation to optimize system performance. The expected outcome is an automatic control system that enhances productivity and minimizes errors, making a significant contribution to technological development in the cement manufacturing industry.

Keywords: Belt scale control, cement plant, accuracy, automation, performance