

Building a chemical mixing tank control system using PLC - S7 - 300

Le Duc Anh

Abstract: This topic focuses on building and deploying an automatic control system for the chemical mixing process in the chemical industry, aiming to meet requirements for high precision and stable performance. Through theoretical research combined with experimentation on the PLC S7-300 system, the topic effectively addresses the automation problem of the chemical mixing process. The expected outcome of the project is to provide the chemical industry with an advanced technical solution that can be widely applied to improve product quality and reduce operational costs.

Keywords: Control system, PLC S7-300, Industrial automation, Chemical mixing process