

Control system for the line of putty adhesives for Minova Ekochem Poland – Hall E

CLIENT

Minova is a global manufacturer and supplier of chemical and mechanical earth control products, adhesives and support equipment. With manufacturing plants on five continents and operations in more than 25 countries, Minova is an industry-leading provider of ground support solutions for the underground mining, construction, tunnelling and civil engineering industries. Minova is a member of the Orica Group.

TASK

Implementation of a control system for additional equipment for the line of putty adhesives for the Minova plant in Siemianowice Śląskie. The concept of the control consisted in the use of the Simatic S7-1500 controller with the KTP700 panel and distributed I / O modules connected by the Profinet network with the controller.

Elements of control systems:

- Central control cabinet equipped with Simatic S7 (CPU 1511-1PN) controller, I / O modul WAGO 750 series and an operator panel (KTP700 BASIC COLOR) for displaying and control.

ACCOMPLISHED WORKS:

- Eplan electrical design
- Delivery and connection of control cabinets
- Designing and commissioning of the control system and HMI system

TECHNICAL SPECIFICATION:

- Siemens Simatic S7-1511-1PN Controller
- ABB ACS355 Drives
- Siemens KTP700 BASIC HMI
- I/O WAGO 750 series
- Profinet Network

