

Vesuvius Skawina

CLIENT

Vesuvius is an international company providing products and solutions for the steel and foundry industries.

The branch in Skawina specializes in the production of refractory materials for the construction of all kinds of furnaces, where high temperature resistance is required.

TASK

Migration of the control system from the S5 controller to S7 along with the migration of the visualization system using a 19" HMI panel. The main task was to prepare, on the basis of the program from the S5 controller, a control system for each of the seven Laeis' hydraulic presses for chamotte products, and then commissioning them together with assistance during production. On the basis of the old visualization system, a completely new visualization was created, working on a 19" touch-screen HMI panel.

ACCOMPLISHED WORKS:

- preparation of electrical documentation,
- supervision over conducted electrical works,
- replacement of the S5 controller for the S7 controller,
- commissioning the control system,
- replacement the visualization,
- replacement of positioning encoders.

TECHNICAL SPECIFICATION:

- Siemens Simatic S7-315-2DP controller,
- Siemens Simatic HMI TP1900 Comfort,
- Profibus network,
- Ethernet network.

