

## A pumping system for sulfuric acid



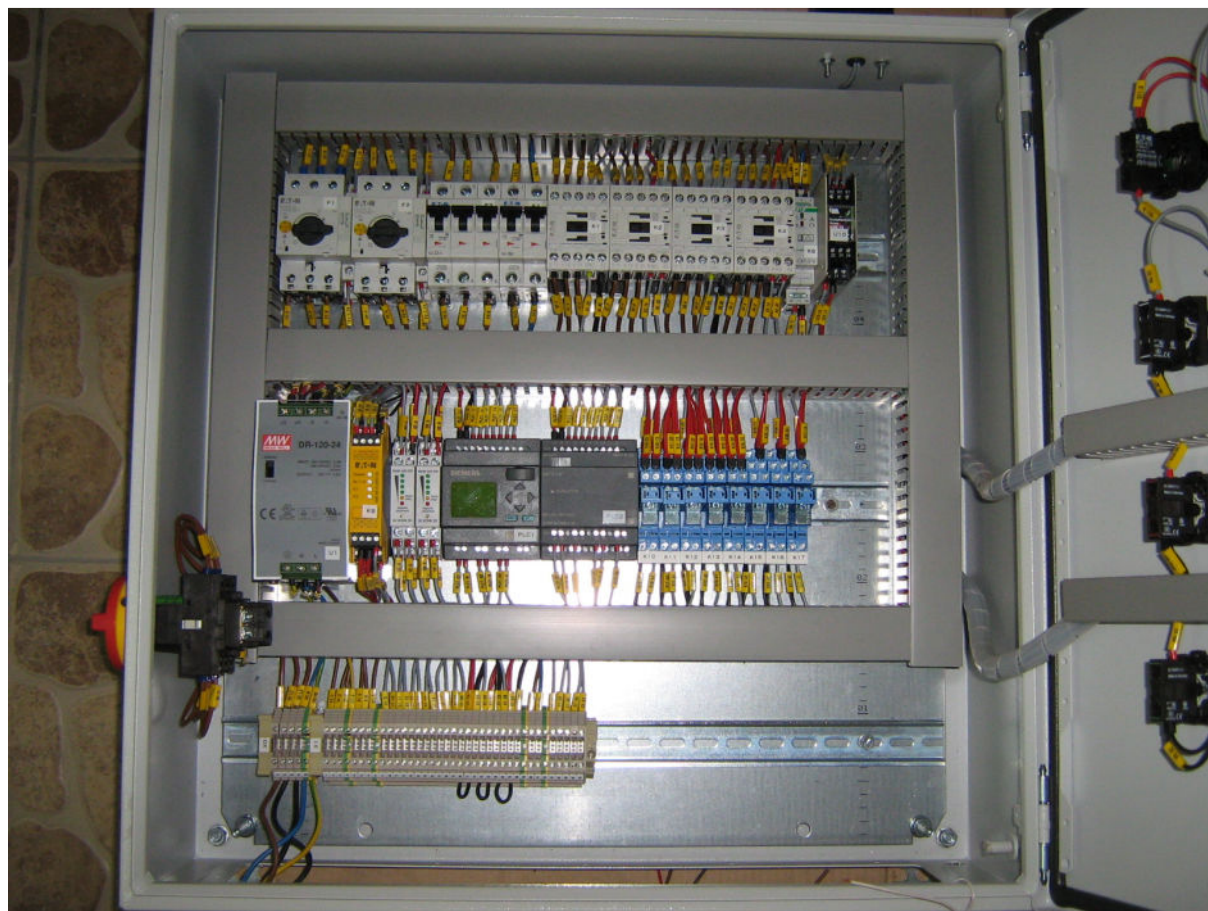
Picture 1. External view

The system is dedicated to supply a car battery production line in sulfuric acid. The medium is stored in the storage tank. The level of acid in the tank is monitored by an ultrasonic sensor. In addition the tank is secured by overflow and leakage sensors. The installation is equipped with protection against dry running of pumps.

There is a Siemens Logo! PLC installed in the system.

Key features:

- ✓ Control of two pumps.
- ✓ Control of suction device.
- ✓ Monitoring the level of the acid in the storage tank.
- ✓ Supervision of the leak and overflow sensors.
- ✓ Alarms display and indicators.



Picture 2. Internal view



Zdjęcie 3. Installation location