

ELCOM d.o.o. is specialized in Totally Integrated Automation (TIA), containing electrical engineering and software development for the automation of production processes and machines, production of MCC and control cabinets as well as onsite installation, commissioning and acceptance testing (FAT, SAT, SIT)



Slag and Ash Removal Facility

Customer: JP Elektroprivreda BIH



Certificates

We have proven our competence as Siemens Solution Partner Automation in the following areas:

- Automation System SIMATIC
- Human Machine Interface SIMATIC HMI
- Process Control System PCS7

Process description

Offered solution needs to provide control of the pneumatic and hidraulic transport system of the electrofilters ash, transport system of slag and boiler ash, transport system of with overflow water from the slager, system of ash storage from internal and external transport of the Unit 6 and control over the pumps of raw water of the Unit 6.

Challenge

System of Automation and Control is combined from next components:

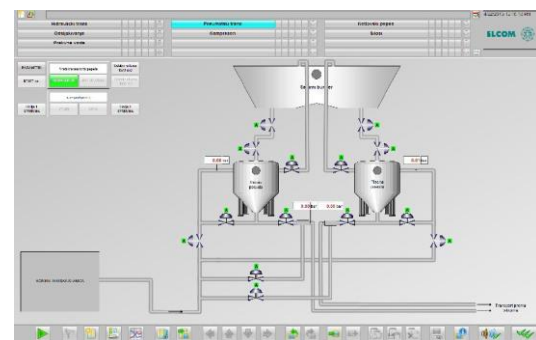
Central Units PLC

Solution

Distributed stations ET200M with signal modules (analog, digital I/O) located in facilities trough which are all connected over PROFIBUS network on the central units equipped whit the communications modules for connection with the DCS system of the Unit 6.

Two redudant operators stations for visualisation and controlling of internal transport system of slag and boiler ash also for electrofilters ash with system for visualisation.

One station is with web-server which is licensed for 10 users ,where any of these users can over the LAN connection, connect anywhere from the Power Plant Tuzla and have a possibility to monitor the process (without



Information about the Siemens Solution Partner Program

Under the Siemens Solution Partner Automation and Power Distribution Program, we join forces with our Solution Partner. By merging our product and systems expertise with the application and industry knowledge of our partners, we have created a common basis for the fast, smooth and highly efficient implementation of your requirement –customized solutions for your competitive advantage.

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