



## REFERENCE LIST IN THE FIELD OF AUTOMATION

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### CEMENT INDUSTRY

#### "CEMENT FACTORY HOLCIM - HRVATSKA" KOROMACNO, Croatia

- 1997.-2003. Engineering, nostrification of foreign supplier's documentation, project, management, automation, erection, commissioning.
- low voltage cable distribution,
  - new raw mill,
  - alternative energy supply:
    - old tiers burning plant (S7-300 + PC),
    - waste oil-burning plant (S7-300 + PC).
  - flying ashes plant,
  - REA plaster cast plant.
  - new VSD for the cement mill in factory "Umag"- design, delivery
2002. Fly ash plant  
Automation system, based on S7-300 and OP270  
Cable and installation materials supply. Electrical installation.
2003. As a subcontractor of "Djuro Djakovic"  
- Tender and main project for the reconstruction of the cement grinding plant
2003. Rea gypsum plant  
Reconstruction of existing automation system.
2004. Filter dust plant  
Automation system, based on S7-300 and OP270  
Cable and installation materials supply. Electrical installation.
- 2004/5. As a consortium partner of "KHD"  
design, equipment delivery, erection, automation and commissioning of the cement grinding plant (transformers 3x2000kVA, Mvplant reconstruction; LV plant 400V, LV distribution 690V; AC drives total power 3150kW, PLC S/7416-3 with 1500 signals, SCADA iFix, x2)

- 2005. New "roto" pack machine  
Cable and installation materials supply. Electrical installation.
- 2005. Power station 110/6kV  
0.4kV distribution. Cable and installation materials supply. Electrical installation.
- 2005. Main control systems integration. Interface to TIS, level II software.

## "CEMENT FACTORY DALMACIJA CEMENT"

SPLIT, Croatia

- 1999.-2000. As a subcontractor of ABB
  - Engineering, electrical panels supply and start up of ABB frequency inverters,
  - power range: 37 kW to 75 kW; 7 PCs.
- 2002/2003. As a subcontractor of "Claudius-Peters"
  - Erection engineering, electrical panels supply, erection organization and start up of the new coal mill, transport and storage
- 2003. As a subcontractor of "FLS-airtech"
  - Design, engineering, electrical panels supply, erection organization and start up (in 2004.) of the new bag filter in factory "10 kolovoz".
- 2005. As a subcontractor of "ABB"
  - Design, engineering, electrical panels supply, erection organization and start up of the new Kiln motor and AC drive in factory "Sv. Kajo" and "Sv. Jure".

