



**Cement factory "Novi Popovac" d.o.o. Popovac
Holcim Group Company**

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August 13, 2003

To: "Garadagh cement plant" - Baku
Plant Manager

From: Phil Gager
Plant Manager

"Novi Popovac" - Popovac

Dear Sirs,

We are glad to support and recommend Company SAT Ltd. (Systems Automation Technologies) - Sofia, Bulgaria for the works they have done in the past for our Holcim plants in Serbia and Montenegro (Cement factory "Novi Popovac") and Bulgaria (Holcim Bulgaria). The Company SAT has shown that Holcim standards are properly applied and even under tight time schedules and further pressure the quality of the works are very good. The selected electrical equipment was according to European standards and Holcim's requirements. The company has shown high competence in the process automation systems for cement industry. SAT Ltd. makes design, programming, production, installation and commissioning of the entire electrical systems ("turn key" based project).

The following Projects have been provided with success from SAT for Holcim plants:

- Complete automation dosing systems for raw mill and cement mills (SAT's production).
- Weigh belt feeders (SAT's production).
- Weigh bridges for trucks and wagons (SAT's production).
- Design of plant automation system based on Siemens components (Siemens S7 and WinCC).
- Development of a standard software according Holcim specification for Siemens system.

- Design of DMC concept and LV distribution system.
- Cabling, installation and commissioning.
- Integration of electrical equipment supplied by mechanical equipment supplier into overall concept.
- Interfaces with frequency variable speed drives by Profibus-DP.
- Automation of a coal grinding plant including rehabilitation of an existing coal stacker/reclaimer.
- Automation of kiln feed system.
- Automation of clinker cooler dedusting system.
- Automation of cement dispatch system.
- Automation of cement grinding system.
- Automation of clinker transport.
- Automation of EMR equipment.
- Automation of water injection system for the conditioning tower.

With the variety of experience from the raw materials handling up to the cement dispatch facilities we can therefore further recommend your company for other electrical projects as a "turn key" partner.

Phil Gager

