

Hyderabad / India. Vasavadatta Cement Prop. Kesoram Industries Ltd. has contracted Polysius to supply a new raw material grinding plant and a new cement grinding plant. For both systems, Vasavadatta Cement has selected POLY-

## India: New raw material and cement grinding plants for Vasavadatta Cement

COM® high-pressure grinding rolls equipped with a new material separating process.

The raw grinding plant is to consist of a POLYCOM® high-pressure grinding roll with 2.1 m diameter rolls, two separators and two recirculating bucket elevators for a rated throughput of 275 tph of raw meal.

The cement grinding plant, a combi-grinding system, will consist of the following main components: POLYCOM®, high-pressure grinding roll, separating system and a 4.6 m x 14 m single-compartment mill with a 4000 kW COMBIFLEX® drive and SEPOL® high-efficiency separator with four collection cyclones.

The grinding plant will have a rated cement output of 210 tph at a fineness of 3.000 Blaine.



## C ombi grinding system in successful operation at Yamama Saudi Cement

Riyadh / Saudi Arabia. The largest Polysius combi grinding system for cement grinding has been put into operation at Yamama Saudi Cement Company. This grinding plant is the first of three large combi grinding systems delivered for the new 10,000 tpd cement production line.

The main components, such as POLYCOM® high-pressure grinding roll, static separator, 5.4 m x 12 m single-compartment air separator mill with 5,600 kW COMBIFLEX® drive, SEPOL® high-efficiency separator and two cement coolers were designed for a cement output of 210 tph at a fineness of 3,500 Blaine.



## Fujairah Cement expands cement grinding capacity

### United Arab Emirates

**Dibba / United Arab Emirates.** Having raised the output of their kiln plant to 5,000 tonnes per day, Fujairah Cement Industries is now increasing the cement grinding capacity.

## Cement grinding plant for South Africa

**Simuma / South Africa.** Natal Portland Cement Company (Pty) Ltd, Kwa Zulu Natal (a member of the Cimpor Group), awarded Bateman, a South African engineering company, the turnkey contract for a new cement grinding and packing plant

## Polysius grinding plants worldwide

Polysius is supplying a new cement grinding plant, consisting of a two-compartment mill with 3,500 kW COMBIFLEX® drive and SEPOL® high-efficiency separator. The cement grinding plant, which has a rated throughput of 110 tph of OPC cement, will be controlled by a POLCID® NT master control system.

at the Simuma works near Port Shepstone. Polysius South Africa was appointed by Bateman to design, supply and supervise the erection of the new cement grinding system, which will have an output of 77 t/h at a fineness of 4,500 Blaine. An already existent tube mill is to be retrofitted with all internal equipment and auxiliary units, such as a SEPOL® high-efficiency separator. The cement grinding plant is due to commence operations at the end of 2006.

## Granulated blast furnace slag grinding plant for Germany

## Cement grinding plant for Australia

**Berrima / Australia.** In order to increase the cement grinding capacity at the Berrima cement factory of Blue Circle Southern Cement Ltd., Polysius is supplying a new cement grinding plant via United KG Pty. Ltd. The main components of the scope of supply are a two-compartment separator mill with 3,900 kW COMBIFLEX® drive and a cement cooler. An already existent separator will be integrated into the grinding system. The new plant will have a warranted output of 92 tonnes of cement per hour with a fineness of 3,400 Blaine.

**Sehnde-Höver / Germany.** Holcim (Germany) has decided to construct a new granulated blast furnace slag grinding plant at their Höver cement factory in Sehnde-Höver. Polysius is to supply a flash dryer and a SEPOL® high-efficiency separator, which are to be installed upstream of an existing tube mill. The grinding plant, which will have a capacity of 22 t/h of ground blast furnace slag at a fineness of 4,200 cm<sup>2</sup>/g, is scheduled to commence operations in late autumn 2006.

### Polysius AG

Graf-Galen-Straße 17, D-59269 Beckum / Germany  
Tel.: +49 - (0)25 25 - 99-0, Fax: +49 - (0)25 25 - 99-2100  
e-mail: polysius@thyssenkrupp.com  
www.polysius.com

## Polysius

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