

Securing the future

In Russia and India there is currently an enormous demand for cement. To help overcome this challenge, Polysius is present in these countries with subsidiary companies and modern technology.

3,500 tpd clinker production line for Russia

Iskitim, Siberia / Russia

Iskitimcement has decided to build a new clinker production line in partnership with Polysius. Rated for a clinker output of 3,500 tpd and consisting of state-of-the-art components, the plant will meet the strictest environmental requirements.

It will consist of a 5-stage DOPOL® '90 preheater with PREPOL® CC-MSC calciner, a POLRO® rotary kiln and a POLYTRACK® clinker cooler.

The Iskitim plant will also be equipped with a 900 tph impact crusher and the automation systems POLAB® and POLCID® for quality monitoring and control duties in the entire plant.



Large photo All a question of perspective: DOPOL® preheater of the 10,000 tpd cement plant of Yamama Saudi Cement...

Fig. 1 ... as well as rotary kiln and DOPOL® of the 10,000 tpd plant from a familiar angle.

Figs. 2/3 7,500 tpd cement production line in Turkey immediately before the production startup.

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with Polysius

2,500 tpd cement production line for India

Tandur / India

Visaka Cement Industry Ltd. contracted Polysius again for the construction of their second cement production line at the Tandur plant in the Indian state of Andhra Pradesh.

The following main components are to be installed: a 245 tph raw grinding plant equipped with a roller mill, a multiflow silo for 12,500 m³ of raw meal, a 5-stage DOPOL® '90 preheater with PREPOL®-AS calciner, a rotary kiln, a REPOL® clinker cooler, a 25,000 t clinker store, a cement grinding plant for 150 tph of OPC consisting of a two-compartment mill with SEPOL® separator and a 30 tph coal grinding plant equipped with an air-swept mill.

Polysius roller mills for the Indian cement industry

New Delhi / India

Jaypee Cement, a member company of Jaiprakash Associates Ltd., awarded Polysius an order to supply a raw material and coal grinding plant

for their Satna plant in Madhya Pradesh, a state in central India.

The raw material grinding plant will be equipped with a 330 tph roller mill. For the coal grinding a 38 tph roller mill will be used.

1,600 tpd cement production line for India

Patratu / India

Burnpur Cement Ltd. selected Polysius as their partner for the construction of a new cement production line at their Patratu plant in the Indian state of Jharkhand.

The following main components are to be installed: a 140 tph raw grinding plant equipped with DOUBLE ROTATOR® and SEPOL® separator, a tangential silo for 6,000 t of raw meal, a 6-stage DOPOL® '90 preheater with PREPOL®-AS calciner, a rotary kiln, a REPOL® clinker cooler, and a 16 tph coal grinding plant equipped with an air-swept mill and SEPOL® separator.

The new plant will be put into service in the second half of 2009.



Polysius news

During the 50th IEEE-IAS/PCA conference from 18th to 22nd May in Miami, Florida / USA Polysius has stands No. 414 / 416 and is exhibiting a POLAB® APM, the smallest laboratory automation system in the world, as well as the POLCID® NT master process control system.

You will be able to see modules of the Polysius factory automation system in action. Visit us – we are looking forward to seeing you!

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