

Innovative solutions

Polysius knowhow at the heart of plants in Hungary, USA, Mexico and Bolivia...

Kiln line modernisation at Duna Drava Cement

Beremend/Hungary

Duna Drava Cement contracted Polysius to modernise kiln line 2 of the Beremend plant in Southern Hungary. The purpose of the modernisation project is to increase the output from 1,500 to 3,450 tonnes of clinker per day and to permit the use of secondary fuels.

Polysius will implement the following measures: construction of a 4-stage DOPOL® pre-heater with PREPOL®-MSC calciner, modernisation of the rotary kiln with a new drive unit, inlet and outlet seals and kiln hood and the installation of a new POLYTRACK® clinker cooler. Furthermore, new dedusting systems will be installed for the kiln, raw mill and cooler dedusting system, and the kiln will be equipped with a bypass system. Polysius will also be responsible for the entire civil construction work, the assembly and the commissioning. The modernised plant is scheduled to start production in spring 2009.



Large photo POLYCOM® rolls waiting for final assembly.

Fig. 1 Duna Drava Cement plant in Hungary before modernisation.

Fig. 2 Packed cement bags at Aguascalientes in Mexico.

Fig. 3 New cement production line in Argentina.

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Raw material and cement grinding plants for Drake Cement

Drake, Arizona/USA

Drake Cement in Drake, Arizona/USA commissioned Polysius to supply a new raw material grinding plant and a new cement grinding plant. For both systems, Drake Cement selected POLYCOM® high-pressure grinding rolls equipped with the new static-dynamic SEPOL® HR separator.

The raw grinding plant, a finish grinding plant consisting of POLYCOM® and SEPOL® HR separator, will have a raw meal output of 141 tph.

For the cement grinding in a combi-grinding system Polysius is supplying the following main components: a POLYCOM® high-pressure grinding roll, a SEPOL® HR separator and a cement cooler. The system has a rated cement output of 92 tph.

New turnkey petcoke grinding plant

Aguascalientes/Mexico

To enable the two cement production lines at Cementos y Concretos Nacionales S.A. de C.V. in Aguascalientes to use petcoke as fuel from the

end of 2008, Polysius is to construct a petcoke grinding plant on a turnkey basis. The grinding plant will be equipped with a roller mill and will have a rated petcoke throughput of 27 tph.

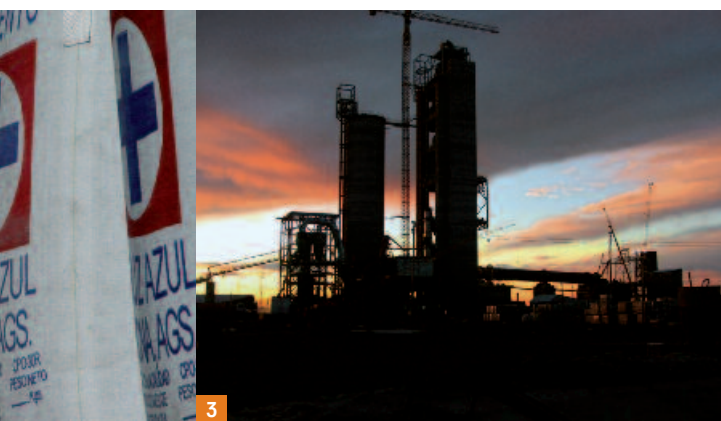
1,600 tpd cement production line for Bolivia

Cochabamba/Bolivia

The first order that Polysius received from COBOCE – Cooperativa Boliviana de Cemento – at the end of 2006 concerned a new cement grinding plant for their Irpa Irpa factory.

Now the Bolivian company has decided to build a new 1,600 tpd cement production line. This is to include a roller mill for a raw meal output of 145 tph, a tangential blending silo for raw meal, the kiln plant, consisting of a 5-stage DOPOL® '90 with PREPOL® system, rotary kiln, POLYTRACK® clinker cooler and a 45,000 t clinker silo.

The new plant, equipped with a POLCID® NT master process control system and a POLAB® AOT laboratory automation system, is scheduled to commence operations at the beginning of 2009.



Polysius news

Polysius is now also present in Peru! On 13th. Sept. 2007 the new Polysius Service Center was opened in the harbour town of Matarani/Region Arequipa.

Polysius del Peru S.A. is thus the latest in our chain of contact partners for customers in the cement and minerals industries.

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