

Economical cement

...for the Middle East and West Africa.

5,300 tpd cement production line for Saudi Arabia

Jabal Farasan/Saudi Arabia

In Jabal Farasan, approx. 150 km northeast of Jeddah, the Al Safwa Cement Company (Orascom Construction Industries Cement Group and Saudi Khayyat Group) is constructing a 5,300 tpd cement production line, and they have chosen Polysius to be their partner.

The raw material preparation system includes a longitudinal additive stockpile, a raw material online analyser, a longitudinal blending bed (2 x 35,000 tonnes), a raw material grinding plant equipped with a ball mill and a SEPOL® separator (throughput: 410 tph), as well as a tangential blending silo with a storage capacity of 16,000 tonnes.

The clinker manufacturing system comprises a 5-stage DOPOL® '90 preheater with a PREPOL®-AS-CC calcining system, a rotary kiln and a POLYTRACK® clinker cooler.

For the cement production section, Polysius is to supply a clinker silo with a storage capacity



Large photo Detail of the DOPOL® '90 cyclone preheater.

Fig. 1 Group photo after the signing of the contract with Ciments du Sahel, Senegal.

Fig. 2 The new Polysius Service Center in Peru.

Fig. 3 A-C Equipment in the USA.

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production lines...

of 50,000 tonnes, two 150 tph cement grinding plants which consist of 2-compartment cement mills and SEPOL® separators, as well as three cement silos and two packing plants.

Production start-up of the plant is due to take place as early as summer 2009.

New cement production line for Ciments du Sahel, Senegal Kirène/Senegal

Due to the great demand for cement in Senegal and the neighbouring countries, Les Ciments du Sahel S.A. decided to expand the existing cement production section in the Kirène plant (approx. 80 km east of Dakar) by a second production line. Polysius has been awarded the order to supply the new cement production line.

The scope of supply of this plant, which is designed for a production capacity of 3,600 tpd clinker in accordance with very strict provisions on environmental protection and due to take up production as early as 2009, includes ● a raw grinding plant with a 300 tph roller mill ● a tangential blending silo with a storage capacity of 14,000 m³ ● a 5-stage DOPOL® '90 preheater

with a PREPOL®-AS calciner ● a POLRO® rotary kiln ● a POLYTRACK® clinker cooler, as well as ● two cement grinding plants, each of them equipped with a 2-compartment cement mill and a SEPOL® high-efficiency separator designed for a throughput of 120 tph.

3,500 tpd clinker production line for Sococim Industries, Senegal Rufisque/Senegal

In 2006, Polysius was awarded an order by Sococim Industries (a company of the Vicat group) to erect a new 120 tph cement grinding plant in Rufisque. Now we have received an order to construct a 3,500 tpd clinker production line for the largest cement plant in West Africa (approx. 40 km from Dakar). The plant is scheduled to start production in summer 2009.

The main components of the plant are a raw grinding plant with a 270 tph roller mill, a blending silo with a storage capacity of 11,000 tonnes, as well as a kiln plant, consisting of a 5-stage, 2-string DOPOL® '90 preheater with a PREPOL®-AS-CC calcining system, a rotary kiln and a POLYTRACK® clinker cooler.



Polysius news

The Polysius service business has been strengthened! The A-C Equipment Services Corp., with head office in Milwaukee (USA), has become the newest member of the Polysius group.

Their activities comprise manufacturing, spare parts business, services and engineering for rotary kilns and other large-scale equipment for the cement industry.

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