

Economical Cem

...ensured by new clinker production lines with modern equipment from Polysius.

7,500 tpd clinker production line for Fujairah Cement Industries

Dibba / UAE

The United Arab Emirates continue to be the focal point of the economic upswing in the Gulf region. In the last two years the rate of development increased still further with about 50% of the gigantic investments going into construction projects.

Participating in this expansion trend, Fujairah Cement Industries have decided to construct a new 7,500 tpd clinker production line consisting of the most up-to-date Polysius equipment, including: ● a 580 tph QUADROPOL® for grinding raw material ● a 6-stage DOPOL® '90 preheater with PREPOL®-AS calciner ● a POLRO®-rotary kiln ● a POLYTRACK® clinker cooler and ● a POLCID® NT process control system.

The plant is to be constructed parallel to the existing cement production line, which is equipped with one of our first POLYTRACK® coolers.



Above and Fig. 1 The new 3,000 tpd cement clinker production line of CYCNA de Oriente, S.A. de C.V. has commenced operations in Mexico.

Fig. 2 All the new plants include our POLYTRACK® clinker cooler.

Fig. 3 The smallest laboratory automation system in the world – POLAB® APM.

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Cement grinding plant for Cimenterie Nationale

Beirut / Lebanon

The Lebanese firm Cimenterie Nationale S.A.L., Beirut, has contracted Polysius to construct a new cement grinding plant at the Chekka cement works. The rising demand for cement prompted Cimenterie Nationale to increase their cement grinding capacity at the harbour town of Chekka, which is located about 80 kilometres north of the Lebanese capital of Beirut.

The new plant is to consist of a 5.4 m x 14.0 m two-compartment mill with a 6,800 kW COMBIFLEX® drive and a SEPOL® high-efficiency separator. The tube mill itself will be equipped with a DIAPOL® intermediate diaphragm and a DIAPOL® end discharge diaphragm. The rated capacity of the new grinding plant is 170 tph of cement.

4,500 tpd cement clinker production line for Jaypee Cement

New Delhi / India

Jaypee Cement, a member company of Jaiprakash Associates Ltd., is to construct a new 4,500 tpd production line at the Dalla plant in North India in partnership with Polysius.

The sub-order for the raw grinding plant, covering a 330 tph roller mill and a 35 tph roller mill for coal grinding had already been awarded to Polysius in advance.

The order for the kiln line includes a 12,000 t tangential blending silo for raw meal, a 6-stage and 2-string DOPOL® '90 preheater with PREPOL®-AS calciner, a rotary kiln and a POLYTRACK® clinker cooler.

3,300 tpd kiln line for Urmia Cement Company

Teheran / Iran

The Urmia Cement Company selected Polysius as its partner for the construction of a new 3,300 tpd kiln line to be built near Urmia, a town located by Lake Urmia in the north-west of Iran. The scope of supply for this kiln line includes modern components, such as a five-stage DOPOL® '90 preheater with PREPOL®-AS calciner, a POLRO® rotary kiln and a POLYTRACK® clinker cooler.

Polysius is also to install two 120 tph cement grinding plants consisting of two-compartment separator mills with 4,450 kW COMBIFLEX® drives and SEPOL® separators.



Polysius News

At the IEEE-IAS/PCA Conference from 29 April to 3 May in Charleston S.C./USA Polysius will be exhibiting POLAB® APM, the smallest laboratory automation system in the world. You can see this compact unit in operation, grinding sample material in accordance with pre-set procedures and producing pressed sample tablets in steel rings at the Polysius Stand No. 50. We look forward to seeing you there!

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