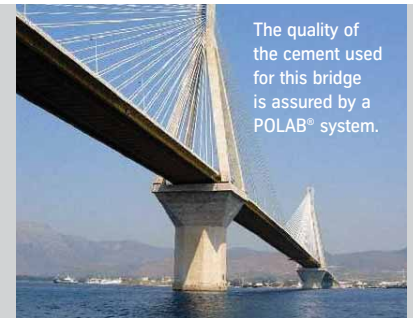


Smallest laboratory automation system in the world: POLAB® APM

The POLAB® laboratory automation system has led the field worldwide for almost 4 decades. With its innovative automation solutions and intelligent control concepts, it supports the cement industry in achieving best possible quality monitoring



in all manufacturing stages and in optimising the production process.

Reliable sample preparation, as ensured by the POLAB® APM, is indispensable in all applications requiring X-ray fluorescence and X-ray diffraction analyses for product quality

Input magazine with max. 20 samples enabling fully automatic input of series or process samples.

control purposes. The POLAB® APM is a compact unit in which sample material is ground according to specified procedures and then compressed into tablet form in a steel ring. The POLAB® APM is therefore an easy to operate automatic sample preparation module and simultaneously the smallest laboratory automation unit in the world.

If the plant's degree of automation has to be increased at some point in the future (sample throughput increase), the POLAB® APM can be linked in an application-dependent manner to other analysers or integrated into a larger POLAB® system with a higher capacity.

Meanwhile, POLAB® APM systems are in use all around the world whether in America, in Asia or in Europe – the reference list is long. Since it was introduced onto the market two years ago, more than 30 systems of different versions have been sold.



India:

Sankaridurg, India. In partnership with Polysius, India Cement Ltd. is constructing a new 1,200 tpd cement production line near Sankaridurg in the state of Tamil Nadu.

The plant consists of the following main components: a 90 tph raw grinding plant with DOUBLE ROTATOR® and

1,200 tpd cement production line

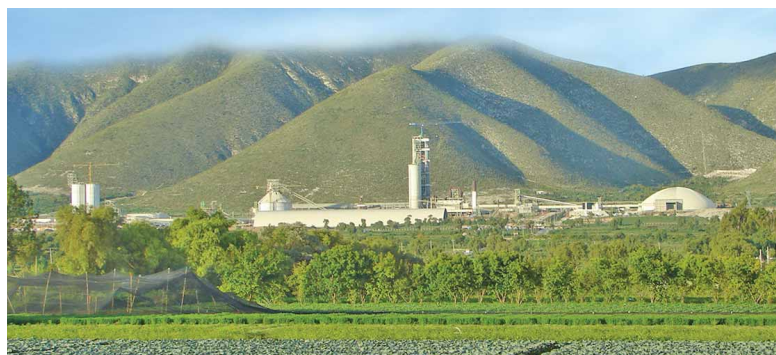
SEPOL® separator, a tangential blending silo with a capacity of 6000 t of raw meal and the kiln plant consisting of a 6-stage DOPOL® '90 with PRE-POL®-AS calciner, rotary kiln and a REPOL® reciprocating grate cooler. For coal grinding, two existing tube mills will be equipped with a SEPOL® separator and a new coal dosing system for 5.5 tph will be installed.

Production startup of the plant is due to take place as early as mid 2007.

Mexico: Commissioning of 3,000 tpd cement production line to start shortly

Palmaritos, Mexico. Assembly work at the turn-key 3,000 tpd cement clinker production line of CYCNA de Oriente S.A. de C.V. is progressing fast. Polysius is constructing the plant 70 km south-west of Puebla, capital city of the identically named state.

The plant, systematically designed for ecological and economical cement production, is equipped with modern Polysius systems in all its process sections from raw material preparation to the clinker and cement manufacturing.



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Argentina New petcoke grinding plant feeds all the kiln lines

Olavarría, Argentina. Loma Negra C.I.A.S.A. decided to convert a raw material grinding plant into a petcoke grinding plant at their Olavarría factory in partnership with Polysius.

Modernisation of an existing DOUBLE ROTATOR® and the addition of a new SEPOL® separator will result in a petcoke grinding plant for an output of 36 tph. This grinding plant will then supply fuel to all the kiln lines in the factory.