

OUTLINE OF MANDERSTAM'S RECENT EXPERIENCE OF PROJECTS IN CEMENT INDUSTRIES

Reference List

Within the Manderstam Group and its associates process technology has been designed and supplied to the following companies in developing markets and introducing new technology:-

PROJECTS IN CEMENT AND RELATED INDUSTRIES

1999-2004-MUGHER CEMENT FACTORY, ETHIOPIA

Pre-feasibility study and feasibility study into the 750,000 tonnes per annum expansion at Mughher Cement Factory near Addis Ababa with an option of a greenfield site alternative at Dire Dawa in northern Ethiopia. The study included the full geological survey of the limestone, gypsum, pumice and clay sites including complete borehole and laboratory analysis followed by reserve estimation and quarry design. MIGL undertook the conceptual design of the process requirements leading to the preparation of tender documents for international equipment supply and construction.

1998 EAST AFRICA

Market study, assessment of reserves and technical improvements for the cement industries.

1997 POLAND

A study of the cement packing and associated departments of newly privatised cement company. Implementation of improvements to bulk cement, loose bag and palletised product loading and warehousing and distribution.

Client: Cementownia Chelm S.A.

1997 ROMANIA

Initial study to examine the potential for the acquisition of and/or investment in, the ROMCIM cement group.

1997 ZAMBIA, TANZANIA

Feasibility study of new capacity required to meet Zambia's future growth in cement demand. Assistance in producing a related business plan. Study of Mbeya cement demand. Assistance in producing a related business plan. Study of Mbeya cement works Tanzania to determine the viability of acquisition.

1996 BARBADOS/TRINIDAD

Evaluation of potential for re-activation of the 300K tpa clinker manufacturing operations of Barbados Arawak Cement Company.

Client: Commonwealth Development Corporation (CDC)

1996 SAUDI ARABIA

A study on behalf of the Saudi Arabian Cement Industry to verify quantities and determine potential for, export of Saudi surplus clinker and cement on the international market up to and beyond the year 2000.

1995 HONG KONG/TAIWAN/CHINA

Due diligence exercise to determine potential for undertaking turnkey contract with Chinese partner for a US\$300 million, 1.5M tpa cement plant in Jiangsu Province, China.

1995 INDIA

Evaluation of the viability of a US\$200 million green-field site development for a 2.6M tpa cement works in the Kutchch district of Gujarat for potential investment.

1996 SYRIA

Detailed study of the cement, ready mix and pre-cast concrete products industries for an international client interested in the potential of entering the market in Syria.

1995 SAUDI ARABIA

Study of Market and Technology for a white cement plant

1995 ABU DHABI

Study of Market and Technology for asbestos cement plant.