

# SAUDI ARABIA

## Saudi Sugar Refinery



### In Brief

- 1993 Booker Tate awarded construction support agreements followed by ongoing manufacturing management
- 1994 United Sugar Company established
- 1995 Land clearance/construction started
- 1996 Commencement of plant commissioning
- 1996 First raw sugar landed (December)
- 1997 First white sugar produced (May)
- 1997 Project takeover certificate signed (July)
- 1997 Official opening ceremony (August)
- 1997 Target capacity reached (December)
- 2000 Booker Tate awarded Project Management contract
- 2003 Refinery expansion completed
- 2005 Packaging plant completed
- 2006 Phase 2 Expansion project in progress
- 2007 Phase 2 Expansion project completed

### Background

Savola (the leading Saudi food and agro-industrial company) and other local partners established the United Sugar Company (USC) in 1994. The company was set up to own and operate a new refinery to be built in the Jeddah Port area, with an initial capacity of 500,000 tonnes of white sugar per annum. After commissioning, the refinery was fully operational in May 1997 and reached design capacity in December of that year.

### Construction support

Booker Tate became involved in 1993 with a contract to provide construction support. This included technical assistance and design; assistance in manpower and organisational planning; recruitment support and training; setting up operational reporting systems; on-site presence during construction and commissioning. In the early stages, Booker Tate was heavily involved in discussions on process flow diagrams, process and instrumentation diagrams, site layout, plant layout, basic and detailed plant design, HAZOP studies, on-line computer control systems, detailed control strategies and graphic design of the computer interface.

### On-site presence

A small on-site presence was essential during construction and commissioning to assist in overseeing and monitoring the progress of the contract in all its aspects and to ensure that the sugar processing plant was installed correctly and to specification.



### On-going management

Two operational support agreements covered the management of the refinery technical operations for five years from start-up with an initial team of on-site personnel with support from Head Office that included technical monitoring and visits. The on-site team was reduced gradually for a follow-up contract of four years which was completed in 2005.

In 2000, Booker Tate was awarded a Project Management contract to expand production. This was successfully completed and, following additional smaller improvements, resulted in output being increased.

Further projects managed by Booker Tate include the construction of a sophisticated packaging facility capable of supplying the Saudi market and a Phase 2 Expansion project, taking production to even higher levels.



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