

Progress in the project for Nile Sugar, Egypt



On the basis of the basic and detailed engineering for the construction of the new sugar production factory for Nile Sugar, BMA supplied – as already reported in BMA Information 2009 – the core components and technical documentation for procurement and local manufacture of equipment for the following stations:

- Extraction
- Juice purification
- Condensate system
- Thick-juice filtering
- Sugar house
- Condensation
- Sugar drying
- Bagging
- Process control system and measuring & instrumentation equipment
- Raw sugar melting

The assembly work performed by the customer, which had started in October 2008, was completed at the beginning of 2010. At the end of 2009, the first stations were subjected to water testing. The assembly of the pipework, which was started in May 2009, and the subsequent installation of the electrical and instrumentation

equipment could also be finished in spring 2010.

Afterwards the necessary acceptance testing including test runs was performed by BMA specialists and personnel from various subcontractors. In preparation for commissioning in 2010, three groups of the customer's engineers were trained in Germany for several weeks. The engineers, who will be responsible for the DCS system and for instrumentation, have been trained in special classes at Siemens training centres.

The process engineers, who will be responsible for the process flow in the new sugar factory, visited miscellaneous German sugar factories during the running campaign (Schladen, Klein Wanzleben and Jülich). The participants, some of them with several years of experience in sugar production, were able to get an idea of the process flows of the individual stations in these factories. Resulting questions were answered in detail by the accompanying technical experts of the sugar factories.

In addition to this hands-on training, the participants received theoretical instruction during lectures with subsequent discussions hosted by BMA and its subcontractors. A tour through the production facilities completed the training sessions.

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Status of assembly

in January 2010

