

Sugar refinery for Tunisie Sucre



Structural work of the refinery building



Platform for vacuum pans

In BMA Information 48 / 2010, we already reported on the new sugar refinery under construction in the north of Tunisia, in the free-trade area of Bizerte harbour, which will be built in compliance with EU standards and process 1,600 t/d of raw sugar.

The progress on site, due to the proven collaboration of all parties involved, is clearly visible. The steel structures for the process building destined for the production of refined sugar and A, B, and C product have been nearly completed. Most of the main equipment items supplied by BMA AG and BMA MENA have been erected, among them:

- 7 vacuum pans (\varnothing 5.2 m x 7.0 m and \varnothing 4.4 m x 7.0 m)
- 7 strike receivers with different dimensions (up to 4.0 m x 10.0 m)
- 5 distribution mixers (up to \varnothing 1.0 m x 7.3 m)

The preparations such as for the foundations for the three falling-film evaporators (800 m² and 1,800 m²) and the steel structures for the centrifugal station with modern B1750 batch centrifugals for refined sugar and continuous K2300 centrifugals for low-raw product have already been completed.

In parallel, installation of diverse process equipment also started; this included pumps, heat exchangers, and machinery for conveying, screening, weighing and packing. Experienced BMA chief erectors have been supervising, coordinating and managing the assembly work.

The new sugar refinery will have its own dock, where raw sugar deliveries will arrive and, following processing in the refinery, sugar product will be transported to its destination by sea.

Thanks to the commitment of all participants, the progress in project implementation is ensured, allowing fully functional equipment to be available in 2011. BMA will continue to actively support the customer in this project.

Carsten Klemp