

# Al Nouran Sugar, Egypt, Steam Boiler

**99 MW**



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 **John  
Cockerill**

# Al Nouran Sugar Steam Boiler, Egypt | 99 MW

264,555lb/hr @ 652 psi | 842°F

## Project Description

Al Nouran Sugar is the sole vertically integrated sugar company in Egypt and one of the leading regional sugar manufacturers. Al Nouran Sugar is a greenfield project that will build Egypt's first state-of-the-art sugar production facility in the governorate of Sharkiya, located in Egypt's third most populous governorate, in the north of the country.

Its main activities will be the production of sugar from sugar beets and refining raw sugar into white sugar. Byproducts (molasses and fodder) will also be sold in international markets. Within this framework, John Cockerill Energy was granted the contract for the design and supply of two Denapak industrial boilers in April 2015.

## The contract

Both John Cockerill industrial steam boilers, type Denapak, have a capacity of each 264,555 lb per hour with a pressure of 652 psi and a steam temperature of 842°F.

Besides the design and supply of these two boilers, John Cockerill will also provide all of the auxiliary equipment, e.g. the burners, combustion air fans, deaerator, pumps, etc. for proper operation. John Cockerill will also oversee the assembly operations, installation and commissioning of the equipment.

## Fuels

- Natural gas
- Light fuel oil
- Operation of the boilers on both fuels in combination as well as separate fuel fed

## Boilers

- 2 water tube boilers of DENAPAK type
- Double pressure 652 psi / 58 psi

## Performances

STEAM	°F	Psig	lb/hr
HP	842	652	2 x 264,555
LP	293	58	66,139

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