



thyssenkrupp

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# Yamama Cement – Construction of new cement plant in Saudi Arabia almost complete

After four years, construction and commissioning of the new cement plant for Yamama Cement in the Saudi Arabian desert, 80 kilometers southeast of Riyadh, are now almost complete. Yamama Cement awarded the contracts to thyssenkrupp Industrial Solutions and thyssenkrupp Saudi Arabia Contracting. The dimensions alone of the new cement plant, which



comprises two complete production lines, are impressive: It has an annual production capacity of 6.6 million tons of clinker and 7 million tons of cement.

The required limestone is mined from a nearby quarry and reduced there by two mobile thyssenkrupp crushers. The new Yamama cement plant has its own power plant, a residential complex for permanent staff and a modern operating infrastructure. All operating situations are controlled via the polcid® process control system, while the automated polab® quality control system ensures optimum process and product control.

“We have a partnership with Yamama Cement going back almost sixty years. Both sides know that they can rely on each other, even in difficult situations.”

Jörg Ehrhardt, General Site Manager

### **Line 1 is already producing clinker and cement**

Together with the utilities, line 1 is running in Normal Operation Condition Period (NOCP) mode, meaning that the line is fully operational but thyssenkrupp still needs to conduct various performance tests. The next step is for the line to pass these Performance Guarantee Tests (PGT) and finally be granted the Provisional Taking-Over Certificate (PTO) by the customer.

### **Line 2 close to completion**

Line 2 is currently in the cold commissioning phase, with cement production already having started in December 2020. The thyssenkrupp commissioning team from Germany is currently preparing the kiln for the planned start of hot commissioning in mid-February. The NOCP, PGT and PTO will then also follow for line 2 during spring 2021.

Around 120 people from 16 countries are currently still working on site for thyssenkrupp Saudi Arabia Contracting to complete the remaining commissioning activities for the cement complex.



