

Brecon Vibrationstechnik GmbH, 50933 Cologne, Germany

## Excellent German-Italian cooperation for Arabtec Precast in Saudi Arabia

In October 2013 the specialists of the vibration technology manufacturer Brecon and the formwork manufacturer tecnocom teamed up in cooperation for the installation of battery moulds at Arabtec Precast L.L.C., Saudi Arabia.



Specialists from Germany and Italy were supported during the installation by a highly motivated team from Arabtec.

At the end of 2012 Arabtec contacted tecnocom and Brecon for planning their new precast concrete factory. Arabtec consciously chose formworks from tecnocom and vibration technology from Brecon as they already had this combination successfully in operation. The experience with the quality of the products and the consultation provided by the two companies was already very positive.

In several technical conversations the involved specialists developed a detailed plan for the best possible compaction of the con-

crete. Four battery moulds from tecnocom, three with 2 x 10 chambers plus one with 1 x 10 chambers and a total of 231 external vibrators as well as the control system from Brecon are being used at the factory. The predefined groups of vibrators can be operated according to the progress of the pouring process. This is also possible from any location and from larger distances thanks to the installed remote control. Due to the close cooperation between the vibration specialists from Brecon and the formwork experts of tecnocom an excellent concrete compaction has been achieved.



A total of 3 battery moulds with 2 x 10 chambers, 1 battery mould with 1 x 10 chambers, 231 Brecon high frequency external vibrator, 7 electrical distribution cabinets, 1 central frequency inverter cabinet and 1 Brecon radio control were installed.

For the installation in October 2013 a team of specialists was built. As a result of the good cooperation and the preparation performed by the team of Arabtec the first formwork was taken into operation after just one week. The other formworks were taken successively into operation by the Arabtec team.

*„The very good consultation as well as the close and intense cooperation with tecnocom and Brecon was of great help for us during the technical layout of the new factory. For us it is important that we are served and advised as from one single source“.*

Due to the high mutual understanding between both concrete specialists as well as the precast concrete factory operator Arabtec, the cooperation succeeded without complications and significantly faster than anticipated.

### FURTHER INFORMATION



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