



## ZAMBEZI BREWERIES PROJECT

Mozambique



### Project Facts

#### Product

CFA Piles, Franki Piles, Grout Columns and Shotcrete

#### Market

Industrial

#### Client

Cervejas de Moçambique – AB InBev Group

#### Main Contractor

SS Moçambique Lda

#### Achievements

- Successful installation of foundation and lateral support piling for different structures of the brewery including the BBT Tanks, Unitanks, Raw Material Silos, Malt Intake and Mill House.
- High capacity of adaption, with fast response to Client’s requirements and additional works, including proposing new techniques, establishing additional equipment and working extended hours.

- **About the project**

The project entails the construction of a more than 2-million hectolitre a year brewery located in Mozambique’s Marracuene district, about 30 km north of Maputo. It is the largest investment by Cervejas de Moçambique (CDM), subsidiary of AB InBev, and by the beer sector at large in Mozambique, since CDM’s inception back in 1995.

- **Challenges**

The new brewery construction had a very tight timeline and a late start, making programme the main challenge on this project.

Another key challenge was the short supply of readymix concrete, due to the long distance from existing plant to site, requiring us to use different concrete suppliers and our own concrete transit mixers to overcome the problem.

- **The solution**

Installation of foundation piles comprising of 139 No. CFA piles and 370 No. Franki piles, as well as lateral support comprising of 81 No. Grout Columns, 117 No. CFA piles and 243m<sup>2</sup> of gunite arches.

The technical solutions for the foundation and lateral support piling had to be adapted throughout the contract to ensure the most effective solutions, meaning our design team had to work together with the client’s engineers at all times. Partial handovers of the different areas were also guaranteed in order to give access to the Main Contractor.