



ALLOTT (NIGERIA) LTD

..... Consulting Engineers

Diesel Power

Client: Atlas Cement Company

Location: Nigeria

Project Size: £5,000,000

Date: Year 2000

A new tank farm was needed at Diesel Power's expanding Onne marine terminal to accommodate the fuels required to support their marine oils business. A solution was needed that took into account the many limiting factors of building in the area, such as unstable ground conditions and environmental awareness.

Beckett Rankine Partnership advised on foundation design for a series of large tanks in which oil could be stored at Onne. Piles were driven into the ground in order to provide a stable base for the tanks. Strong foundations were needed because of the poor ground conditions at this estuarine site.

Detailed design of tank farm. Interpretation of SI results. Production of design sketches. Sheet piling design. The Diesel Power site at Onne is multifunctional with a combination of offshore supply and fabrication activities. Following the recent upgrade the yard can now handle modules up to 1500t. A large fleet of fuel barges and other support vessels operate from this terminal.

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