Batching Plant, Avonmouth Docks

Driving of piles for concrete batching plant at Hinkley Point C power station.

AARSLEFF

Avonmouth Docks is part of the Port of Bristol, in England, situated on the northern side of the mouth of the River Avon, opposite the Royal Portbury Dock on the southern side, where the river joins the Severn estuary, within Avonmouth.

Aarsleff Ground Engineering were awarded the piling contract on behalf of main contractor Costain Ltd for a new temporary precast concrete batching plant and manufacturing facility in development with the construction of the Hinkley Point C power station. The new facility at Avonmouth will make concrete segments (estimated 38,000 segments) that will form the water intake tunnels for the new power station. The segments would be made and stored at the facility, then transported to the construction site mainly by road.

With up to 4 Junttan rigs on site, Aarsleff installed 2200 No. driven precast concrete piles of 250-350mm in section.

Aarsleff's contracts manager Jon Harris said: "There was a multitude of trades on-site, which aside from requiring detailed planning and coordination, also required regular communication with our client Costain Ltd to deliver a collaborative, safe and high quality project to our client.

Scope of Works
2200 No Driven Precast Piles of 250-350mm in section

Client
EDF Energy

Contractor
Costain Ltd

Construction period
13th March 2017 - 26th October 2017

Aarsleff Ground Engineering Ltd, is the UK trading arm of Danish contracting giant Per Aarsleff A/S, and is one of the UK's leading piling and geotechnical design and installation specialist contractor; actively promoting early consultation to ensure each scheme can be Value Engineered to give clients the best service, quality design, safety and value. Aarsleff's strategy and philosophy of investment into the future has resulted in its wholly owned subsidiary Centrum Pile Ltd having the most advanced precast pile production facilities in the UK, producing segmentally jointed precast concrete piles to BS En12794 to Class 1A.

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