

# Holbeck Maintenance Depot Unit, Leeds

Installing SFA piles inside an engine shed for a new mezzanine floor.



**AARSLEFF**

UK railway network owner and infrastructure manager, Network Rail, awarded Buckingham Group Contracting the design and build of a new two-storey office and storage building at their existing Maintenance Delivery Unit (MDU) in Holbeck.

The depot, which is off Nineveh Road in the district of Holbeck, has been there since the 19th century servicing steam trains and storage of machinery up until 1985 when all locomotives were moved to other depots in the area. Since then, it has been used as a storage facility and office space for rail workers.

The new development at the MDU will provide a more consolidated and modern facility for the Network Rail operational staff in the Leeds area, along with increasing the capacity and efficiency of the Holbeck site.

Buckingham Group awarded Aarsleff Ground Engineering the piling contract for the foundations of a new mezzanine floor being installed within the existing engine shed.

With only 7 metres headroom within the building, Aarsleff deployed its Klemm 806-3G and Klemm 702 to install the 38no. 300mm diameter Sectional Flight Auger (SFA) piles across two visits, with piles installed to average lengths of 9.5m. Both restricted access rigs were capable of piling in the mixture of clays, gravelly sands and mudstone ground conditions.

## Scope of Works

38No. 300mm diameter SFA piles

## Equipment

Klemm 806-3G  
Klemm 702

## Contractor

Buckingham Group

## Construction period

Visit 1: 11<sup>th</sup> to 30<sup>th</sup> September 2019  
Visit 2: 21<sup>st</sup> to 24<sup>th</sup> October 2019

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 contractors; 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.

## Contact

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