

# Lanchester Wines

Drilling and grouting works for a new bottling plant development in Durham.



**AARSLEFF**

The Lanchester Wines scheme involves major groundworks in preparation for a £20M bottling plant development adjacent to the company's existing location.

The new development will practically double, and eventually replace, its existing 120,000 sq ft Greencroft Bottling facility to 220,000 sq ft and take its production capability up from filling 150million litres of wine per year to 400m litres. All the while producing more clean energy than it uses. The site will also see the equivalent of 1m mega watts of solar panels being installed, capable go generating 850,000 kWh a year. The company also plan to use flood water from all the disused coal mines on the site, using potentially world-changing heat pump technology, to provide all the heat it needs for its new bottling facility and more.

Tony Cleary, Managing Director of the Lanchester Group, said: "We believe being carbon neutral is just the beginning – even with this additional facility, the group will continue to produce more clean renewable energy than we use which we believe makes us carbon minus."

Phase 2 includes the grouting of Lanchester Wines' new state-of-the-art bottling facility that will include a new visitor centre. Absolute Civil Engineering is acting as principal contractor for the grouting works which is being carried out by Aarsleff Ground Engineering and was completed in August 2019.

Following a 12-week programme, Aarsleff utilised its Klemm drilling rigs to bore 707no. holes on a 4.25m grid. Aarsleff then grouted the 24,000m<sup>2</sup> area using over 2,600T of grout for the treatment.

#### Data

707No. holes drilled  
Over 2,600T of grout

#### Equipment

Klemm 909  
Klemm 806  
Klemm 801-3GS

#### Client

Lanchester Group

#### Construction period

1st May – 18th August 2019

#### Main Contractor

Absolute Civil Engineering

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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