



Systems Geotechnique Limited.

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Airbus UK Ltd., Broughton, Chester

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Main Contractor: Heyrod Construction Ltd.

Extensions to the facility at Broughton for manufacturing Airbus 340-600 components included the construction of piled foundations for a new electronic riveting machine (LVER). This machine attaches wing skins to wing spars with great precision and demands correspondingly rigid and movement-free foundations. Working inside the controlled environment of the existing Airbus factory, Systems Geotechnique constructed 240No., 300mm diameter augered piles to a depth of 15 metres. Ground conditions and speed of drilling allowed the use of concrete rather than grout in the piles, thus giving a saving to the Client. Two rigs completed the contract in 19 working days.