

No. 5 Blast Furnace Rebuild

South Wales, UK

Project Information

Client
Corus PLC

Consultant
Skanska UK

Main Contractor
Andrew Scott Ltd

Dates
2002

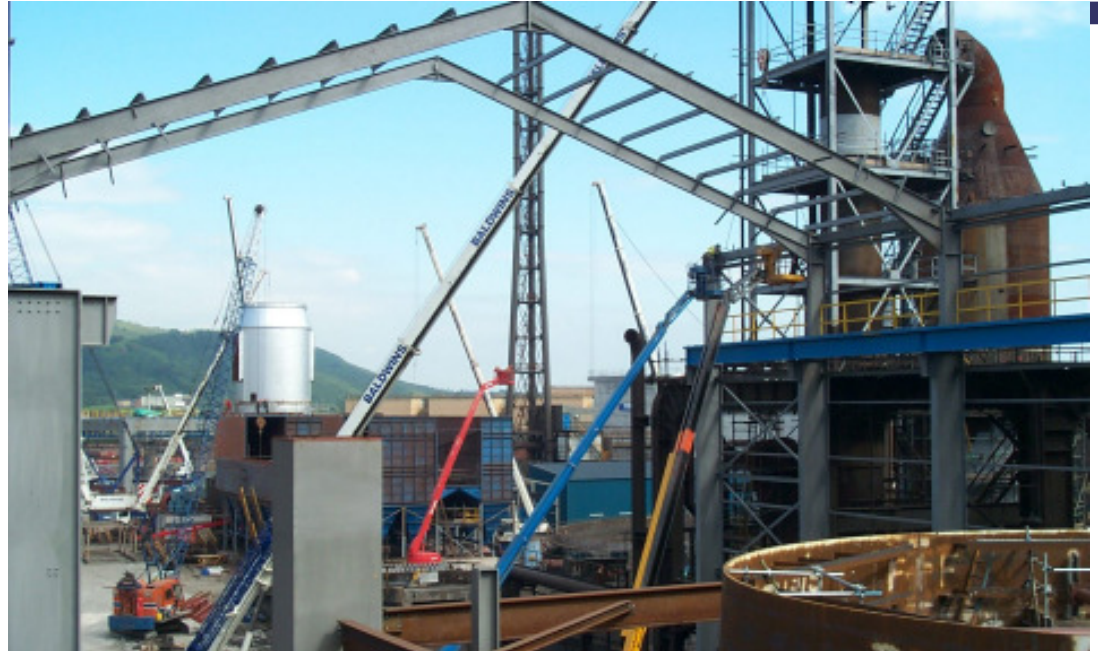
Construction Value
£5m

Further information

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No. 5 Blast Furnace is a state-of-the-art furnace, commissioned and completed ahead of schedule, on budget and is recognised as a major achievement of significance in the international iron and steel industry.

Skanska's design team provided civil engineering design and main survey control for the £75 million record breaking furnace rebuild project for Corus at its Port Talbot plant in South Wales. The new No. 5 Blast Furnace produces some 1.5 million tonnes of iron per annum.

From announcement of the rebuild by Corus in January 2002 to commissioning in January 2003, the project represents a significant engineering achievement when considered that a typical rebuild can take up to four years to complete.

Working in close liaison within the 800 strong project team, Skanska's design team was able to bring its knowledge and experience of previous major furnace rebuilds to a project that comprised major foundation works for the blast furnace, piled cast house building foundations, raw material feed foundations, dedicated electrical sub-station and other ancillary buildings and structures. □