

CASE HISTORY

UK manufacturing plant
New production facility

ANALYSIS

Project: full turnkey construction of a new production facility
Project duration: eight months
Project value: £1.8 million



COMPLEX, TECHNICALLY-DEMANDING STRUCTURE INSTALLED IN JUST FOUR DAYS

Careful sequencing and planning minimise disruption to client's production operations



For this client, a leading UK chemical manufacturer, we had to install a new production facility within a fully operational warehouse, posing major logistical and planning issues if disruption to the client's production operation was to be kept to a minimum.

Close liaison with the client, the adoption of a modular build approach and a meticulously planned erection sequence resulted in the complete 6 storey, 22 metre high steel structure and major plant items all being installed in just *four days*.

Work undertaken included:

- > Full CDM site management
- > Civil foundations
- > Detailed steelwork design and fabrication
- > Complete mechanical, electrical and controls installation
- > Roofing, sheeting and thermal insulation

Existing site conditions and space restrictions for the erection crane determined the maximum crane size and consequently the maximum module weight. Each module weighed 26 Tonnes, requiring a 500 Tonne crane to lift each into position.

The project required over 30,000 man-hours on site by 14 different contracting companies and was completed on schedule, to budget and with zero Lost Time Accidents.



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