

The Manchester Association of Engineers

Explosive demolition

A talk by Joshua Martin.

Joshua Martin is a Director of Andun Engineering Consultants Ltd. He is 2023/2024 North West Regional Honorary Secretary of the Institution of Civil Engineers.

Joshua will give a general overview of demolition, followed by a presentation of the engineering works associated with the blow down at Fiddlers Ferry. This will include initial tender support, site visits and engineering support to site team. Boiler House and Turbine House plant assessment will be outlined, including conveyor demolition (demolition of multiple large conveyors, mechanical and cut and lifts) as well as bridging assessments (large plant crossing existing structures) and coal bunker demolition and refilling works.

His talk will also include pre-weakening and demolition methodology assessment and partial removal of structure to enable pack structure removal, vibration analysis on nearby infrastructure and blast screen design to protect National Grid transformer.

6.0 for 6.30 pm, Tuesday 10th December, 2024

Hough End Centre, Mauldeth Road West
Chorlton, M21 7SX

All are welcome to attend the talk.