

Lifting of Boiler Drum at PCP International Limited, Vindhyachal Unit X

Client: PCP International Limited, Vindhyachal

Contractor: Bharat Heavy Electrical Limited (BHEL)

Owner: National Thermal Power Corporation (NTPC)

POWER 23



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Above: View of lifting of boiler drum

Below: Initial view of boiler drum



Fagioli PSC India was awarded the contract from PCP International Limited, Chandigarh to lift a boiler drum Unit X at NTPC Vindhyachal.

Two L180 jacks with a lifting capacity of 180 tonnes each powered by L4/15D power pack were deployed to lift the boiler drum weighing 260 tonnes to height of 77.13 metres. The lifting was completed within a record time of 4 hours 15 minutes.

This is the 3rd time within a span of 4 months, a piece of equipment of similar size and weight has been lifted using identical equipment.

This method of lifting, established by National Thermal Power Corporation of India with the assistance of Bharat Heavy Electricals Limited has proved to be a time saving solution as well as a safe way of lifting.