

Title: To conduct ultrasonic pulse velocity test and rebound Hammer test of TG deck slab and civil foundation of UNIT 2 and UNIT 5 of NTPC Super Thermal Power Station at Barh, Bihar SSP 434

Duration: 14 months

Objectives:

- To conduct a visual survey and identify the locations on TG Foundation deck slab/ Supporting Structures for non-destructive tests in two phases (Phase I: Unit 5 & Phase II Unit 2).
- To conduct ultrasonic pulse velocity test and rebound hammer test at identified locations
- To analyse the data and prepare technical report with recommendations

Progress Highlights:

Site visit for Unit 5 has been completed and Based on the UPV testing and rebound hammer testing carried out on the TG columns and deck slab recommendations have been made for repair activity and report has been submitted.



Future Programme:

Phase II site visit to is planned during July 2026 to conduct ultrasonic pulse velocity test and rebound hammer test at identified locations of Unit 2

Team:

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