



Project Report as part of Vocational Training, NTPC SIPAT

On the topic:

ASH DISPOSAL SYSTEMS AND UTILISATION IN POWER PLANTS

Submitted by VT-MECH-GR-06:

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ABOUT NTPC

NTPC Limited, also known as National Thermal Power Corporation Limited, is an Indian public sector undertaking which is engaged in the generation of electricity and allied activities. The headquarters of the company is situated in New Delhi. NTPC's core function is the generation and distribution of electricity to State Electricity Boards in India. The body also undertakes consultancy and turnkey project contracts that involve engineering, project management, construction management, and operation and management of power plants.



It is the largest power company in India with an electric power generating capacity of 67,907 MW. NTPC currently operates 55 power stations (24 Coal, 7 combined cycle gas/liquid fuel, 2 Hydro, 1 Wind, and 11 solar projects). Further, it has 9 coal and 1 gas station, owned by joint ventures or subsidiaries.

It was founded by the Government of India in 1975, which now holds 51.1% of its equity shares (after the divestment of its stake in 2004, 2010, 2013, 2014, 2016, & 2017). In May 2010, NTPC was conferred Maharatna status by the Union Government of India, one of only four companies to be awarded this status. It is ranked 400th in the Forbes Global 2000 for 2016.

The company has developed a long-term plan to become a 128000 MW company by 2032. NTPC Limited is on an expansion spree to meet the power requirements of the country – it has targeted to add 14,058 MW in the 12th Plan (from FY 13 to FY 17) of which it had already added 4,170 MW in 2012–13, 1835 MW in 2013-14 1290 MW in 2014-15 and 1150 MW from April 2015 to 30 November 2015.



REGIONAL LEARNING INSTITUTE, NTPC SIPAT

क्षेत्रीय ज्ञानार्जन संस्थान, एनटीपीसी, सीपट

CERTIFICATE OF VOCATIONAL TRAINING -2023

औद्योगिक प्रशिक्षण प्रमाणपत्र-2023

Ref No. RLI/SIPAT/VT/CERT/2023/ VT2023MECH-204

THE CERTIFICATE IS AWARDED TO

RAJESH KUMAR PRADHAN

VT Roll No – NTPC-VT2023MECH-204

MECHANICAL ENGINEERING

GGU, BILASPUR

For satisfactorily completing **Vocational Training at NTPC Sipat, Bilaspur** for a period of four weeks from 10/06/2023 to 10/07/2023. The participant has successfully completed the course and has also completed the project assigned to him/her as part of this course. We wish him/her a bright and successful future.

This certificate is digitally signed.

Date: 17.07.2023


G. PRAVEEN KUMAR
Sr Manager (RLI)


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GM & Head (RLI-Simulator)