

**Half Yearly Compliance Report  
2026  
01 Jun(01 Oct - 31 Mar)**

**Acknowledgement**

<b>Proposal Name</b>	Sipat Super Thermal Power Project Stage-III (1x800 MW)		
<b>Name of Entity / Corporate Office</b>	NTPC LIMITED		
<b>Village(s)</b>	Reliya		
<b>District</b>	BILASPUR		
<b>Proposal No.</b>	IA/CG/THE/463369/2024	<b>Category</b>	Thermal Projects
<b>Plot / Survey / Khasra No.</b>	N/A	<b>Sub-District</b>	Masturi
<b>State</b>	CHHATTISGARH	<b>Entity's PAN</b>	*****0255D
<b>MoEF File No.</b>	J-13012/02/2019-IA.I(T)	<b>Entity name as per PAN</b>	NTPC LIMITED

**Compliance Reporting Details**

<b>Reporting Year</b>	2026
<b>Remarks (if any)</b>	Compliance to EC Conditions (dated 08.06.2024) of Sipat Super Thermal Power Project Stage - III (1 x 800 MW) expansion.
<b>Reporting Period</b>	01 Jun(01 Oct - 31 Mar)

**Details of Production and Project Area**

<b>Name of Entity / Corporate Office</b>	NTPC LIMITED	
	<b>Project Area as per EC Granted</b>	<b>Actual Project Area in Possession</b>
Private	938.512	938.51
Revenue Land	564.708	564.708
Forest	264.991	264.991
Others	N/A	N/A
<b>Total</b>	<b>1768.2109999999998</b>	<b>1768.2089999999998</b>

**Others Area**

Sr. no	Other Name	Area Granted	Area Actual
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**Production Capacity**

Sr. no	Product Name	units	Valid Upto	Capacity	Production last year	Capacity as per CTO
1	Electricity Production	MW	N/A	800	nil	

## Conditions

### Specific Conditions

Sr.No.	Condition Type	Condition Details
1	Statutory compliance	1.1 The PP adopt 100 percent utilization of fly ash generated as a result of the expansion being recommended and earmark a minimum area within the existing ash pond for emergency use by lining the earmarked area.

<p><b>PPs Submission:</b> Complied</p> <p>NTPC Sipat has achieved Ash Utilization of 101.26 percent in 2023-24, 102.13 percent in FY 2024-25, 102.53 percent in 2025-26. 100 percent utilization of Ash as per MoEF and CC notification dated 31.12.2021 and its amendments shall be complied. No separate ash dyke is proposed for the proposed Unit. Existing ash ponds will be used for the expansion project.</p>	<p>Date: 23/05/2026</p>
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2	WATER QUALITY MONITORING AND PRESERVATION	1.2 PP shall get the study done from IIT Hyderabad within 6 months for management and mitigation of environmental impacts of the existing ash pond and recommendations of the same shall be implemented within the next 2 years. In addition to this as the village is near to the ash pond, in addition to water spraying, PP shall utilise the legacy and current maximum ash, provide a 15 mt high wind barrier around the ash pond area and also carry plantation around the same. In addition to steps being taken for arresting the fugitive emission from the Ash dyke the PP shall take other concrete steps which include i) installation of additional 3000 No.s sprinklers, ii) installation of additional 290 rain guns ( 40 m and 12 m radius), iii) Tarpaulin covering (2,30,000 Sq m), iv) Beshram plantation on ash dyke, v) Hessian cloth covering, and vi) Plantation around the periphery of ash dyke, on NTPC land. In addition to regular monitoring PP shall collect the ground water samples from the area falling within 500 meters of the ash dyke analyse the same and take corrective measures. The budget earmarked for the above activities is Rs 2.7 Cr which shall be kept in a separate account and audited annually. PP shall submit the action taken with expenditure details, photographs (before and after) and other documents in six monthly compliance report.
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<p><b>PPs Submission:</b> Complied</p> <p>IIT Hyderabad has completed the study Assessment of Environmental Impacts of existing Ash ponds and Mitigation Strategies and submitted the report in September 2025. No adverse impact observed in ground water in surrounding villages. Regular monitoring is being carried out in surrounding villages. Wind barrier installation works is in progress. Wind barriers installed in about 180 m peripheral length along ash dyke 3. Work order has been placed for installation of wind barrier along 175 meter peripheral length and work is likely to start soon. 3600 sprinklers, 240 rain guns are installed in three ash dykes. 1,00,000 m2 tarpaulin is laid to cover the dry area. Beshram plantation is in progress at 75,000 plants per month in the dyke area so that bonding of ash takes place thus avoiding fugitive emission of ash. 13,00,000 numbers are planted till now. Water tankers are deployed on ash haulage road, dust prone area in ash dyke during ash evacuation. Additionally, Cow dung spray is being done in 2,00,000 m2 area till now. Plantation in Bareli village - 16,270 number of saplings are planted in Aug 2025 Plantation in Ash dyke area and in gaps (13400 saplings): Plantation of 13310 saplings completed in Aug 2025. 71 00 No.s tree plantation work along road side in ash dyke surrounding villages had been awarded to CGRVVNL, out of which approximately 4310 plantation work have been completed. Ground water sample within 500 m of</p>	<p>Date: 01/06/2026</p>
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		ash dyke are taken regularly for monitoring of physicochemical parameters and heavy metal analysis. Estimated value of expenditure on fugitive dust control is Rs. 438.67 lakh approx. Photographs of dust control systems and ground water monitoring reports are attached.	
3	Statutory compliance	1.7 PP shall install and commission the FGD in FY 2024-25 and report in this regard submitted to RO, MoEF and CC	
		<b>PPs Submission:</b> Complied Stage-I (3 x 660 MW) FGD installation works are completed and commissioned in June'2025. Stage-II FGD system installation work is in progress and will be commissioned by December 2026.	Date: 01/06/2026
4	Statutory compliance	1.8 Ash pond area and fly ash utilization shall be as per Fly Ash Notification issued by Ministry/ CPCB from time to time	
		<b>PPs Submission:</b> Complied Ash utilization of 101.26 percent in 2023-24, 102.13 percent in FY 2024-25, 102.53 percent in 2025-26 is achieved. Conditions of Fly Ash Notification shall be complied.	Date: 23/05/2026
5	Statutory compliance	1.11 As committed by the PP Zero liquid discharge shall be adopted	
		<b>PPs Submission:</b> Complied Presently ZLD is maintained, and it will be maintained after commissioning of expansion project.	Date: 23/05/2026
6	Statutory compliance	1.12 PP shall ensure that diesel operated vehicles will be switched over to E-Vehicles in a time bound manner, replace the passenger vehicles to E-vehicle in phased manner. Further, for local movement of officials Contract of Vehicles deployment shall be awarded to Project affected people and all efforts for adopting heavy E-vehicles like Bulkers for ash transportation for short distance subject to availability of such E-vehicle and adequate charging infrastructure in the surrounding area shall be provided. PP shall submit the action taken report to concerned RO with amount spent, photographs (before and after), number of e-vehicles deployed etc. in six monthly compliance report	
		<b>PPs Submission:</b> Complied Three battery operated fork lift are already deployed. 7 Nos Battery-operated forklifts are purchased for various departments at NTPC Sipat in Feb 2026. Two E-Rickshaws are deployed in plant for visitors. 3 Nos of E-Vehicles (kart) are procured and put into service since February 2026. Expression of Interest (EOI) was invited in September 2024 for deployment of EV (Bus) on hiring mode (for commuting of NTPC employees and their family from NTPC Sipat township to Bilaspur and back). There was no response against EOI. Specifications and terms and terms of contract are being revised. We are further exploring vendors for deployment of buses on hiring mode. For local movement of officials, all vehicles deployed under various departments have been awarded to the Project Affected Persons. Advertisement was published in January 2025 for submission of Expression of Interest (EOI) for transportation of ash for short distance through electric vehicle. EOI published. About 15 responses received against EOI. Evaluation of EOI has been completed. Finalization of terms and conditions for calling tender is in progress	Date: 01/06/2026
7	Statutory compliance	1.13 PP shall implement the concurrent plantation plan in a time bound manner. The gap plantation shall be completed in the identified 27.65 Ha land within Plant, residential and administrative areas and around Ash Pond by the planting 1.0 Lakh saplings during 2024-2025 and for the subsequent seven years PP shall plant 1.0 lakhs saplings per year in consultation with Forest department/ Gram Panchayat/District Administration. PP shall also adopt Miyawaki plantation technique and plantation with minimum 5m height of the saplings in upcoming monsoon season. The budget proposed is Rs 772 Laks for F.Y 2024-25 and for subsequent years it is 1600 Lakh/ annum till 2028-29. If require the same may be increased. The budget	

		<p>earmarked for the green belt, plantation inside and outside the plant area, along the transportation route and Miyawaki Plantation area shall be kept in a separate account and audited annually. PP should annually submit the audited statement of expenditure along with proof of activities viz. photographs (before and after with geolocation date and time), details of expert agency engaged, details of species planted, number of species planted, survival rate, density of plantation etc. to the Regional Office of MoEF and CC and on PARIVESH Portal as the case may be for the activities carried out during previous year</p>	
		<p><b>PPs Submission: Being Complied</b>  7049 saplings are planted under gap plantation in 2025-26. 3000 No.s Gap plantation were taken up in the plant area and township in FY 2024-25. Further, gap areas have been identified in plant and township where plantation will be carried out in next monsoon. 32,000 saplings have been planted (through Miyawaki technique) in Uchchbhatti village which is 10 km (approx.) away from Power Plant. Plantation in Bareli village (16250 saplings): Plantation is completed in Aug 2025. Plantation in Ash dyke area and in gaps (13400 saplings): 13310 saplings plantation is completed. Plantation in outside land (7100 saplings): Work has been awarded for plantation of 7100 saplings with tree guards (roadside in nearby villages of Ash Dyke Area). 4310 saplings are planted till now. For one lakh plantation every year availability of land is an issue. NTPC Sipat vide letter dated 02.09.2024 and subsequently on 23.10.2024, 28.07.2025 requested DFO Bilaspur with copy to CCF Bilaspur to make land available for plantation. NTPC Sipat officials had in person meeting also, however response is awaited. NTPC also approached District Collector Bilaspur vide letter dated 23.10.2024 for facilitating land for plantation. We are yet to receive response. We also approached Zila Panchayat CEO, Bilaspur and had in person meeting for making land available for plantation in nearby villages. We had in person meeting with Sarpanches of nearby Gram Panchayat in our office and requested them to make land available for plantation vide letter dated 05.04.2025 A Contract (PO No. 5500048523) is awarded to CGRVVNL on 09.04.2026 for 1 lakh saplings plantation in 2026-27. Few land parcels are identified in nearby villages, further site identification is in progress. Samples Photographs of plantation completed in FY 2025-26 are attached</p>	<p>Date: 01/06/2026</p>
8	GREENBELT	<p>1.14 Extensive green cover within 2 km range of the plant boundary and for the schools within 10 KM radius shall be developed. An action plan in this regard to be prepared in consultation with state forest department/expert institution and submitted before Regional Office of the Ministry within 6 months</p>	
		<p><b>PPs Submission: Being Complied</b>  32,000 saplings have been planted (through Miyawaki technique) in nearby Bhilmi and Uchchbhatti villages. 7100 No.s roadside Plantation work with tree guards is in progress in Gatora and Rank villages. Work order have been awarded to CGRVVNL for 13,250 plantation in Devri village in the project vicinity. Work is likely to start soon. Requests have been made to Forest Department, District Administration, Chhattisgarh Rajya Van Vikas Nigam Limited (CGRVVNL), and nearby villages Sarpanch for facilitating suitable land for plantation. Saplings have been planted with tree guards in available space at Swami Atmanand Government English/Hindi Medium School Sipat and Government M L Shukla College Sipat. Schools and colleges are identified for further plantation works.</p>	<p>Date: 01/06/2026</p>
9	Statutory compliance	<p>1.15 Wildlife conservation plan as approved by the competent authority shall be implemented. Additional, budget shall be added in the plan, in case additional measures suggested by state wildlife department. The final Wildlife conservation plan shall be submitted to RO, MoEF and CC and the budget approved by the concerned authority shall be deposited in government account</p>	
		<p><b>PPs Submission: Complied</b>  Wildlife Conservation Plan was approved by Chief Wildlife Warden on 12.03.2026. Wildlife Conservation Plan as approved by Chief Wildlife Warden has been submitted to the Regional Office of, MoEF and CC vide letter dated 16.04.2026 Budget / planned expenditure as approved has been deposited in the designated bank account in March 2026.</p>	<p>Date: 23/05/2026</p>

10	AIR QUALITY MONITORING AND PRESERVATION	1.16 24x7 online monitoring system for ambient air quality shall be established with its connectivity with SPCB and CPCB server. Stack monitoring shall be done through 24X7 online monitoring system. The real time data so generated from CAQMS shall be uploaded on company website and linked it with website of CPCB and SPCB. In addition to this, one more CAQMS is required to be installed at 4-5 km away near local market site where population are residing. Further, LED display of air quality (Continuous Online monitoring) shall be installed at prominent locations preferably outside the plant's main entrance for public viewing and in administrative complex. and maintenance of devices shall be done regularly
<p><b>PPs Submission:</b> Being Complied</p> <p>Three CAAQMS are operational in the Project area with online connectivity to CPCB and CECB server. As stipulated in EC, locations were identified for installation of 3 nos additional CAAQMS in consultation with CECB. Buildings are constructed and contract is awarded for supply and installation of Analyzers on 29.04.2026. Completion period is 6 months. Stack Monitoring: Continuous Emission Monitoring System will be installed in the stack. It is part of the Main plant package. LED display of air quality parameters have been made available at Main Plant Gate and Administrative building Urja Bhawan</p>		<p>Date: 01/06/2026</p>
11	Statutory compliance	1.17 PP shall install at least three portable Weather Monitoring Stations in and around the plant for continuous weather monitoring
<p><b>PPs Submission:</b> Being Complied</p> <p>For monitoring of weather parameters Meteorological station will be set up along with CAAQMS at three locations. Contract is awarded for supply of instruments.</p>		<p>Date: 01/06/2026</p>
12	AIR QUALITY MONITORING AND PRESERVATION	1.18 Adequate dust extraction system such as cyclones/bag filters and water spray system in dusty areas such as waste delivery points, transfer areas and other vulnerable dusty areas shall be provided along with an environment friendly sludge disposal system. Water Sprinkling on roads inside the plant area/ administrative/ residential areas and outside the plant area at least for 2KM on a regular basis to control the air pollution. A logbook shall be maintained for the activity and be in six-monthly compliance report
<p><b>PPs Submission:</b> Complied</p> <p>Adequate dust extraction system will be installed in the dust prone areas in the upcoming Unit. Water tankers are deployed on existing ash haulage road, dust prone area in ash dyke etc. Further, water sprinkling is carried out within two Kms through deployment of water tankers. Logbook is maintained.</p>		<p>Date: 01/06/2026</p>
13	WATER QUALITY MONITORING AND PRESERVATION	1.21 Project proponent shall explore the use of treated sewage water from the Sewage Treatment Plant of Municipality / local bodies/ similar organization located within 50km radius of the proposed power project to minimize the water drawl from surface water bodies
<p><b>PPs Submission:</b> Complied</p> <p>As per MoM of Steering committee constituted for monitoring of reuse of STP water in TPPs issued by CEA on 12.05.2023 and 28.06.2023 Bilaspur Municipal Corporation STP water is mapped with KSK Mahanadi Akaltara TPP for use of treated sewage water.</p>		<p>Date: 23/05/2026</p>
14	MISCELLANEOUS	1.22 A detailed action plan regarding leachate handling shall be prepared and implemented in consultation with SPCB and the same shall be submitted to the Regional Office of the Ministry. Leachate shall be treated and reused. No treated leachate shall be discharged in any circumstances. Characteristics of Leachate and the treated leachate shall be monitored once in quarter and records shall be maintained

<p><b>PPs Submission: Complied</b> A study Toxicity Characteristic Leachate Procedure (TCLP) test for any potential of leaching heavy metals from was conducted through IIT Hyderabad and report is received in September 2025. No adverse impact on ground water in the surrounding villages. No leaching observed. Regular Monitoring is carried out.</p>		<p>Date: 01/06/2026</p>
15	WASTE MANAGEMENT	<p>1.26 PP shall ensure that all types of plastic waste generated from the plant shall be stored separately in isolated area and disposed of strictly adhering to the Plastic Waste Management Rules 2016 (as amended). In pursuant to the Ministrys OM dated 18/07/2022 PP shall also create awareness among the people working in the project area as well as in its surrounding area on the ban on Single Use Plastic (SUP) in order to ensure compliance of Ministrys Notification published by the Ministry on 12/08/2021. A report along with photograph on the measures taken shall also be included in the six monthly compliance report being submitted by PP</p>
<p><b>PPs Submission: Complied</b> All types of plastic waste accumulated at NTPC-Sipat is being sent to Ambuja Cement for co-processing. Agreement is made on 13.04.2026 with Bilaspur Municipal Corporation for disposal of Dry Solid Waste from NTPC Sipat. Single Use Plastic (SUP) is banned at NTPC-Sipat. Awareness among the people working in the project area is generated. Various competitions were conducted under the theme Beat plastic pollution. Reusable multipurpose bags were distributed in October 2025 to all employees. Photographs of activities are attached.</p>		<p>Date: 29/05/2026</p>
16	MISCELLANEOUS	<p>1.27 PP is advised to implement the 'Ek Ped Maa Ke Naam' Campaign which was launched on 5th June 2024 on the occasion of the World Environment Day to increase the forest cover across the Country. This plantation drive is other than Green belt development. The action in this regard shall be submitted concerned RO in six monthly report</p>
<p><b>PPs Submission: Complied</b> 7049 saplings are planted under EK Ped Maa Ke Naam in 2025-26. 13310 saplings are planted in gap area outside plant periphery. Approximately 3000 saplings were planted under Ek Ped Maa Ke Naam campaign in during 2024-25. Photographs of plantation done are attached.</p>		<p>Date: 01/06/2026</p>
17	PUBLIC HEARING	<p>2.3 "The budget proposed for PH is Rs 27.0393 (8.5 Cr and 18.5393 Cr). In addition to this PP has proposed a budget of Rs 8 Cr under CSR after commissioning of the project. The budget proposed shall be kept in a separate account and audited annually. PP shall submit the action taken report to concerned RO with amount spent, photographs (before and after), status of implementation of PH action plan submitted during the meeting etc. in six monthly compliance report."</p>
<p><b>PPs Submission: Being Complied</b> Implementation of public hearing issues as per the timeline committed has been started on some of the projects and same will be completed as per timeline in a phased manner. Status of Implementation of public hearing issues is as per annexure. Status of Public Hearing points is attached.</p>		<p>Date: 29/05/2026</p>
18	Noise Monitoring & Prevention	<p>4.3 Periodical medical examination on hearing loss shall be carried out for all the workers and maintain audiometric record and for treatment of any hearing loss including rotating to non-noisy/less noisy areas.</p>
<p><b>PPs Submission: Complied</b> Periodical medical examinations are carried out for all the contract workers and records are maintained. If required, workers are rotated to less noisy area.</p>		<p>Date: 25/05/2026</p>

19	Statutory compliance	3.1 An Environmental Cell headed by the Environment Manger with postgraduate qualification in environmental science/environmental engineering, shall be created. It shall be ensured that the Head of the Cell shall directly report to the Head of the Plant who would be accountable for implementation of environmental regulations and social impact improvement/mitigation measures.
<b>PPs Submission:</b> Complied Environment Management is a separate department. Environment Manger with postgraduate qualification in Envnt. Science has been posted. Head of Environment directly report to Business Unit Head.		Date: 25/05/2026
20	AIR QUALITY MONITORING AND PRESERVATION	1.1 Emission Standards for Thermal Power Plants as per Ministrys Notification S.O. 3305(E) dated 7.12.2015, G.S.R.593(E) dated 28.6.2018 and as amended from time to time shall be complied.
<b>PPs Submission:</b> Agreed to Comply Noted		Date: 01/06/2026
21	WASTE MANAGEMENT	1.2 Part C of Schedule II of Municipal Solid Wastes Rules, 2016 dated 08.04.2016 as amended from time to time shall be complied for power plants based on Municipal Solid Waste.
<b>PPs Submission:</b> Complied Municipal Solid Waste is disposed of as per SW management rules.		Date: 25/05/2026
22	Statutory compliance	1.3 MoEF and CC Notification G.S.R 02(E) dated 2.1.2014 as amended time to time regarding use of raw or blended or beneficiated/washed coal with ash content not exceeding 34 percent shall be complied with, as applicable.
<b>PPs Submission:</b> Complied Noted.		Date: 25/05/2026
23	Statutory compliance	1.4 MoEF and CC Notifications on Fly Ash Utilization S.O. 763(E) dated 14.09.1999, S.O. 979(E) dated 27.08.2003, S.O. 2804(E) dated 3.11.2009, S.O. 254(E) dated 25.01.2016 as amended from time to time shall be complied.
<b>PPs Submission:</b> Complied Noted.		Date: 25/05/2026
24	Statutory compliance	1.5 Thermal Power Plants other than the power plants located on coast and using sea water for cooling purposes, shall achieve specific water consumption of 2.5 m3/MWh and Zero effluent discharge.
<b>PPs Submission:</b> Complied Not Applicable		Date: 25/05/2026
25	Statutory compliance	1.6 The recommendation from Standing Committee of NBWL under the Wildlife (Protection) Act, 1972 should be obtained, if applicable.
<b>PPs Submission:</b> Complied Noted		Date: 25/05/2026

26	Statutory compliance	1.8 Groundwater shall not be drawn during construction of the project. In case, groundwater is drawn during construction, necessary permission be obtained from CGWA.
<b>PPs Submission:</b> Complied Project construction activities are progressing however no ground water is drawn during construction phase.		Date: 31/05/2026
27	Statutory compliance	2.1 "EC is given on the basis of assumption of dash percent of ash content and dash km distance of transportation in rail/road/conveyor/any other mode. Any increase of percent ash content by more than 1 percent, and/or any change in transportation mode or increase in the transport distance (except for rail) require application for modifications of EC conditions after conducting the incremental impact assessment and proposal for mitigation measures."
<b>PPs Submission:</b> Not Complied Not Applicable		Date: 25/05/2026
28	AIR QUALITY MONITORING AND PRESERVATION	3.1 Flue Gas Desulphurisation System shall be installed based on Lime/Ammonia dosing to capture Sulphur in the flue gases to meet the SO <sub>2</sub> emissions standard of 100 mg/Nm <sup>3</sup> .
<b>PPs Submission:</b> Agreed to Comply FGD will be installed as per prevailing regulations.		Date: 01/06/2026
29	AIR QUALITY MONITORING AND PRESERVATION	3.2 Selective Catalytic Reduction (SCR) system or the Selective Non-Catalytic Reduction (SNCR) system or Low NO <sub>x</sub> Burners with Over Fire Air (OFA) system shall be installed to achieve NO <sub>x</sub> emission standard of 100 mg/Nm <sup>3</sup> .
<b>PPs Submission:</b> Agreed to Comply Secondary Over Fire Air (SOFA) will be installed to maintain the NO <sub>x</sub> emission within regulatory limits.		Date: 01/06/2026
30	AIR QUALITY MONITORING AND PRESERVATION	3.3 High efficiency Electrostatic Precipitators (ESPs) shall be installed in each unit to ensure that particulate matter (PM) emission to meet the stipulated standards of 30 mg/Nm <sup>3</sup> .
<b>PPs Submission:</b> Agreed to Comply High efficiency ESPs (greater than 99.9 percent efficiency) will be installed and PM emission will be maintained below 30 mg/Nm <sup>3</sup> .		Date: 01/06/2026
31	AIR QUALITY MONITORING AND PRESERVATION	3.4 Stacks of prescribed height dash m shall be provided with continuous online monitoring instruments for SO <sub>x</sub> , NO <sub>x</sub> and Particulate Matter as per extant rules.
<b>PPs Submission:</b> Agreed to Comply Height of the chimney is as per regulatory stipulations. SO <sub>2</sub> , NO <sub>x</sub> and PM analysers will be installed for continuous on line monitoring to the extant rules.		Date: 01/06/2026
32	AIR QUALITY MONITORING AND PRESERVATION	3.5 Exit velocity of flue gases shall not be less than 20-25 m/s. Mercury emissions from stack shall also be monitored periodically.
<b>PPs Submission:</b> Agreed to Comply Exit velocity of flue gas will not be less than 20-25 m/sec. Mercury emission will be monitored		Date: 01/06/2026

		periodically.	
33	AIR QUALITY MONITORING AND PRESERVATION	3.6 Continuous Ambient Air Quality monitoring system shall be set up to monitor common/criteria pollutants from the flue gases such as PM10, PM2.5, SO2, NOX within the plant area at least at one location. The monitoring of other locations (at least three locations outside the plant area covering upwind and downwind directions at an angle of 120 each) shall be carried out manually.	
<b>PPs Submission:</b> Being Complied Construction of 3 rooms for installation of CAAQMS have been completed at three locations one inside plant near Hydrogen plant, second at Ash dyke area and third one at Sipat Police Station compound. Contract for supply and installation of analysers has already been awarded and installation work is likely to be completed by the end of Aug'2026. Manual monitoring is also being carried out at three locations outside plant in surrounding villages.			Date: 01/06/2026
34	AIR QUALITY MONITORING AND PRESERVATION	3.7 Adequate dust extraction/suppression system shall be installed in coal handling, ash handling areas and material transfer points to control fugitive emissions.	
<b>PPs Submission:</b> Agreed to Comply Adequate dust extraction/ suppression system will be installed in dust prone areas in the expansion project (1 x 800 MW).			Date: 01/06/2026
35	AIR QUALITY MONITORING AND PRESERVATION	3.8 Appropriate Air Pollution Control measures (DEs/DSs) be provided at all the dust generating sources including sufficient water sprinkling arrangements at various locations viz., roads, excavation sites, crusher plants, transfer points, loading and unloading areas, etc.	
<b>PPs Submission:</b> Being Complied DE / DS will be provided at dust prone area in the expansion project (1 x 800 MW). Water sprinkling is carried out on existing plant roads, excavation sites etc.			Date: 01/06/2026
36	Noise Monitoring & Prevention	4.1 The Ambient Noise levels shall meet the standards prescribed as per the Noise Pollution (Regulation and Control) Rules, 2000.	
<b>PPs Submission:</b> Agreed to Comply Noise level will be complied as per prevailing regulations			Date: 01/06/2026
37	Noise Monitoring & Prevention	4.2 Persons exposed to high noise generating equipment shall use Personal Protective Equipment (PPE) like earplugs/ear muffs, etc.	
<b>PPs Submission:</b> Complied Use of PPE like ear plugs / earmuff are mandatory for persons working in high noise area. Routine and surprise checks are carried out for ensuring the compliance.			Date: 25/05/2026
38	Human Health Environment	5.1 Bi-annual Health check-up of all the workers is to be conducted. The study shall take into account of chronic exposure to noise which may lead to adverse effects like increase in heart rate and blood pressure, hypertension and peripheral vasoconstriction and thus increased peripheral vascular resistance. Similarly, the study shall also assess the health impacts due to air polluting agents.	
<b>PPs Submission:</b> Complied 6 monthly health check of contract workers are carried out. Hearing, hypertension, and health impact due to air polluting agents are being checked and appropriate action on result of assessment is being done. All the health records are maintained.			Date: 25/05/2026
39	Statutory compliance	1.7 No Objection Certificate from Ministry of Civil Aviation be	

		obtained for installation of requisite chimney height and its siting criteria for height clearance.
<b>PPs Submission:</b> Complied Chimney height Clearance NOC has been obtained from Airports Authority of India. Copy of certificate is attached. A copy of NOC is attached.		<b>Date:</b> 29/05/2026
<b>General Conditions</b>		
Sr.No.	Condition Type	Condition Details
1	WASTE MANAGEMENT	9.1 Solid waste management should be planned in accordance with extant Solid Waste Management Rules, 2016.
<b>PPs Submission:</b> Complied Solid Waste is disposed as per Solid Waste Management Rules.		<b>Date:</b> 25/05/2026
2	WATER QUALITY MONITORING AND PRESERVATION	1.3 The budget proposed for pond rejuvenation is Rs 691.43 lakhs (2024-25 (6 ponds: Rs 184.99 Lakhs), 2025-26 (5 ponds: Rs 106.44 Lakhs), 2026-27 (4 ponds: Rs 136 Lakhs), 2027-28 (4 ponds: Rs 126 Lakhs) and 2028-29 (5 ponds: RS 138 Lakhs)) for Construction of Embankment, Brick pitching, Construction of bathing Ghats. Regular maintenance of pond shall be taken up with consent of the respective Gram Panchayat. The amount shall be kept in a separate account and audited annually. PP shall submit the action taken report to concerned RO with amount spent, photographs (before and after), number of pond rejuvenated etc. in six monthly compliance report.
<b>PPs Submission:</b> Being Complied Contract was awarded for rejuvenation of Toal 10 number of ponds in nearby villages 2 at Janji (Amuha and Ranisagar), 3 at Karra (Naya Talab, Ramsagar, Rajiv Mission Pond), 1 in Rank (Bandhuwa), 1 in Gatoura village (Mohua talab), 1 in Eramashi village (Langketar), 1 in Deori (Balabandh), 1 in Kaudia (Panbhariya). Works are completed in 8 numbers of ponds and works are in progress in rest of the ponds. Total contract awarded value is 223.15 lakhs. Contract for Bandua Talab phase II garden beautification works in Rank village for 39.75 lakhs is awarded in 2025-26 and works are in progress. Rejuvenation of Deori pond, Baldev Pond at Navadi Chowk and Charyarimura in Jhanjh will be taken up in 2026-27. Photographs of pond rejuvenation are attached.		<b>Date:</b> 29/05/2026
3	WATER QUALITY MONITORING AND PRESERVATION	1.4 PP shall install roof top surface harvesting on at least five buildings per year for next 05 years in nearby villages (within 10 km radius of plant boundary). Further, surface rainwater harvesting structure in drains shall be discussed with Chhattisgarh Water Resource Department Bilaspur wherever feasible. As per the area of the roof and location of the structure (collection tank), cost estimation will be done, and budget will be ensured for the same. PP shall install RWH systems in public buildings based on feasibility and availability of building by Gram Panchayat/District Administration. Required maintenance of RWH system will be done as and when required. The budget earmarked 107.5 Lakh (at the rate Rs 20 Lakh for 2024-25 and 2025-26, at the rate Rs 22.5 Lakh for 2026-27, 2027-28 and 2028-29) shall be kept in action taken report to concerned RO with amount spent, photographs (before and after), number of building covered etc. in six monthly compliance report"
<b>PPs Submission:</b> Being Complied Work had been awarded on 30.08.2025 for Rain water harvesting in 10 public buildings. Works are in progress in 4 locations Public Health Centre, Swami Atmanand Highschool, Madan Lala Shukla Post graduate college in Sipat and Community hall in Kaudiya. Further locations are identified at Govt Primary School Karra, Govt High School Kaudiya, Govt Primary School Raliya, Govt Middle		<b>Date:</b> 01/06/2026

<p>School Raliya, Govt HS School Gatoura, Govt HS School Gatoura Maintenance of RWH system will be taken care after installation. A written request has been made to Superintending Engineer, Water Resources Department, Bilaspur vide letter dated 03.09.2024 and subsequently 19.03.2025 wherein it is requested to identify the natural drains where rainwater can be harvested or any other proposal for capturing rainwater. Response is awaited. Photographs of RWH in public buildings are attached.</p>		
4	<p><b>WATER QUALITY MONITORING AND PRESERVATION</b></p>	<p>1.5 "PP shall explore the possibility of use of rainwater as drinking water in consultation with Public Health Engineering Department Chhattisgarh, respective Gram Panchayat and District administration wherever feasible. PP shall store ground water in the project boundary and utilize the same for plantation, recharging water in the pond and domestic utilization in colonies. A record shall be maintained of water collected through rain water and its supply system. PP shall get the water audit done every year to optimize the water requirement"</p>
<p><b>PPs Submission:</b> Complied A request letter has been written to Executive Engineer, Public Health Engineering, Department, (Civil), Bilaspur on 03.09.2024 and subsequently on 25.03.2025 wherein it is requested to explore the possibility of use of rainwater as potable water in the project surrounding villages. Response is awaited. Rainwater harvesting facility with 150 cubic meter per hour capacity is commissioned in township on 12.07.2025. Works for further addition of 1200 m3/hour capacity pumps for collecting surface run off water during rainy season inside plant premises is in progress. Water audit is carried out once in two years. Last water audit was carried out in August 2024 by external agency.</p>		<p>Date: 23/05/2026</p>
5	<p><b>AIR QUALITY MONITORING AND PRESERVATION</b></p>	<p>1.6 "PP shall implement the protective measure proposed in EMP in a time-bound manner. The budget earmarked for the same is Rs 1136.51 Lakhs (Capital) and Rs 23.52 Lakhs (recurring) and should be kept in separate accounts and audited annually. The implementation status along with the amount spent with documentary proof shall be submitted to the concerned Regional Office for the activities carried out during the previous year. In addition to this PP shall install 1 continuous ambient air quality monitoring station near ash pond area at suitable locations preferably the village side in consultation of SPCB within 1 year"</p>
<p><b>PPs Submission:</b> Agreed to Comply EMP will be implemented with the project construction. CAAQMS locations were finalised in consultation with CECB officials through their site visit on 05.04.2025. One of the stations is located near Ash Pond. CAAQMS buildings are ready. Contract has already been awarded for supply and installation of analysers. Installation work is likely to be completed by Aug-2026.</p>		<p>Date: 01/06/2026</p>
6	<p><b>MISCELLANEOUS</b></p>	<p>1.9 PP shall ensure that pipelines carrying the fly ash and effluent shall be inspected regularly for any leakages</p>
<p><b>PPs Submission:</b> Complied Pipelines carrying the fly ash and effluents are being inspected regularly. Pipelines are being replaced on basis of thickness measurement and pipe line replacement plan, records are maintained.</p>		<p>Date: 23/05/2026</p>
7	<p><b>GREENBELT</b></p>	<p>8.3 Suitable screens shall be placed across the intake channel to prevent entrainment of life forms including eggs, larvae, juvenile fish, etc., during extraction of seawater.</p>
<p><b>PPs Submission:</b> Complied Screens are provided at the water intake point on Right Bank Canal of Hasdeo Barrage.</p>		<p>Date: 25/05/2026</p>
8	<p><b>MISCELLANEOUS</b></p>	<p>1.19 PP shall deploy vacuum based vehicle for everyday cleaning of the road in and around plant site at least for 5 KM</p>

9	Statutory compliance	1.20 Environment Audit of plant shall be done annually and report shall be submitted to Regional office of the Ministry
<b>PPs Submission:</b> Complied External Environment audit was conducted by Guru Ghasidas Vishwavidyalaya Bilaspur in November 2025. Report is received and submitted to Ministry s regional office on 05.02.2026.		Date: 23/05/2026
10	WASTE MANAGEMENT	1.23 Oil and grease recovered from the treatment plant should be disposed only through authorized recyclers
<b>PPs Submission:</b> Complied Oil and grease recovered from ETP will be disposed through registered recyclers		Date: 25/05/2026
11	WATER QUALITY MONITORING AND PRESERVATION	1.24 Monitoring of surface water quality and Ground Water quality shall also be regularly conducted in and around the project site and records to be maintained. Further, monitoring points shall be located between the plant and drainage in the direction of flow of ground water and records maintained. Monitoring for heavy metals in ground water shall also be undertaken and results/findings submitted along with half yearly monitoring report. The monitored data shall be submitted regularly on PARIVESH portal as part of Half Yearly compliance report.
<b>PPs Submission:</b> Complied Regular Monitoring of surface water quality and Ground Water quality is being done. Report is attached for reference. Regular monitoring of heavy metals in Ground Water is carried out. Report is attached for reference. Latest Reports are enclosed.		Date: 29/05/2026
12	Noise Monitoring & Prevention	1.25 For the DG sets, emission limits and the stack height shall be in conformity with the extant regulations and the CPCB guidelines. Acoustic enclosure shall be provided to DG set for controlling the noise pollution
<b>PPs Submission:</b> Complied DG sets are kept for Emergency handling during grid failure only. However, DG sets greater than 800 KW used in plant are having stack height of 30 Mtr.		Date: 25/05/2026
13	Corporate Environmental Responsibility	2.1 A vision document comprising prospective plan for implementation of various CER activities, plantation programme outside the project cover area, rejuvenation and conservation of water bodies within 5km radius of the project cover area, creation of sacred groves etc. shall be prepared and submitted to the Regional Office of the Ministry within 6 months. Implementation status of the same shall be reported to the Regional office in 6 monthly compliance report.
<b>PPs Submission:</b> Being Complied Vision document had been submitted to the regional office of Ministry vide letter dated 24.03.2025		Date: 01/06/2026
14	Human Health Environment	2.2 Epidemiological Study among population within 5 km radius of project cover area shall be carried out on regular interval (Once in two year) through independent agency. Necessary measures shall be taken as per findings of study in consultation with district administration. Action taken report shall be submitted to the Regional Office of the Ministry.
<b>PPs Submission:</b> Complied Work order dated 19.11.2025 is placed on Chhattisgarh Institute of Medical Science (CIMS) Bilaspur which is premier Govt Institution in this region for carrying out Epidemiological study. Study is in progress. Necessary measures as per findings shall be taken up.		Date: 25/05/2026

15	Human Health Environment	2.4 PP shall provide the health services and organize medical camps for residents of the surrounding villages as committed during the meeting. PP shall carry out the analysis of the data of medical camp and take all necessary steps so as to cover maximum number of persons.
<b>PPs Submission:</b> Complied A Mobile Medical Unit (MMU) is deployed. Healthcare service are being facilitated in 36 target villages of NTPC-Sipat as per the schedule through this MMU. 368 camps were held in 2025-26 and beneficiaries are 21087. Additionally, Malaria and Dengue camps are being conducted every year. Occupational health check-ups are carried out as per Factories Act and records are maintained.		Date: 25/05/2026
16	Human Health Environment	2.5 Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.
<b>PPs Submission:</b> Complied Occupational health check-ups are carried out as per Factories Act and records are maintained.		Date: 25/05/2026
17	Corporate Environmental Responsibility	2.6 The establishment of a robust public grievance redressal mechanism to address concerns and complaints from local communities regarding the power plant's operations, environmental impacts, or social issues shall be developed. A Senior Officer shall review the functioning of the mechanism twice in a month.
<b>PPs Submission:</b> Complied Dedicated slots have been structured for meeting with Head of Project (HOP) of NTPC-Sipat on every Monday at 3:00 PM and with Head of HR on every Tuesday at 12:00 to 1:00 PM. However, open-door policy is being followed wherein anybody can approach to HOP and HOHR on any working day without waiting for the dedicated slots. Further, Quarterly interaction meeting of Sarpanches and other public representatives with HOP/HOHR has started. Records are maintained		Date: 25/05/2026
18	Corporate Environmental Responsibility	2.7 PP shall take up the matter with SECR Railway Authorities for the feasibility of construction of underpass/overpass based on utility at railway crossing which is causing long waiting period to the general public. Meanwhile PP shall provide two sheds (one on each side) on Railway MGR Gatora connecting line crossing by July 25 with approximate cost Rs. 10-15 lakhs. PP shall submit the action taken report to concerned RO with amount spent, photographs (before and after), number of sheds provided etc. in six monthly compliance report.
<b>PPs Submission:</b> Being Complied Work order has been placed for construction of sheds on both sides of the level crossing. Shed has been completed on one side in Jun 2025. On other side of LC 11 kV HT line pole is obstructing the construction. NTPC Sipat pursued with CSPDCL for shifting of Electric Pole. Electric pole has been shifted by CSPDCL in April 2026. Shed construction will be completed soon. Further RITES / SECR had been consulted for conducting feasibility study for construction of underpass. As per Railways norms, frequency of rake movement is very low so construction of underpass is not feasible.		Date: 01/06/2026
19	Statutory compliance	3.2 Consent to Establish/Operate for the project shall be obtained from the State Pollution Control Board as required under the Air (Prevention and Control of Pollution) Act, 1981 and the Water (Prevention and Control of Pollution) Act, 1974.
<b>PPs Submission:</b> Complied Consent to Establish (CTE) has been granted by Chhattisgarh Environment Conservation Board (CECB) on 4th March 2025.		Date: 25/05/2026
20	Statutory compliance	3.3 All necessary clearance from the concerned Authority, as may

		be applicable should be obtained prior to commencement of project or activity.	
<b>PPs Submission:</b> Complied Noted.			Date: 25/05/2026
21	MISCELLANEOUS	3.4 A sub Committee of the EAC shall visit the site post EC to recommend any further mitigation measures.	
<b>PPs Submission:</b> Complied Noted.			Date: 25/05/2026
22	Human Health Environment	5.2 Baseline health status within study area shall be assessed and report be prepared. Mitigation measures should be taken to address the endemic diseases.	
<b>PPs Submission:</b> Being Complied Baseline health status within study area will be part of epidemiology study. Work is awarded to CIMS Bilaspur on 19.11.2025. Study is in progress. Mitigation measures will be taken up as per recommendation.			Date: 01/06/2026
23	Human Health Environment	5.3 Impact of operation of power plant on agricultural crops, large water bodies (as applicable) once in two years by engaging an institute of repute. The study shall also include impact due to heavy metals associated with emission from power plant.	
<b>PPs Submission:</b> Being Complied On 22.04.2025, work order has been awarded to Guru Ghasidas Vishwavidyalaya, Bilaspur to conduct this study. Work is in progress.			Date: 01/06/2026
24	Human Health Environment	5.4 Sewage Treatment Plant shall be provided for domestic wastewater.	
<b>PPs Submission:</b> Complied 1500 KLD capacity STP is already operational for township. In addition to above 18 No.s of Pre-fabricated STPs of total capacity 133 KLD are installed with different office buildings for sewage treatment. 75 KLD STP will be installed with the Stage III expansion project.			Date: 25/05/2026
25	WATER QUALITY MONITORING AND PRESERVATION	6.1 Induced/Natural draft closed cycle wet cooling system including cooling towers shall be set up with minimum Cycles of Concentration (COC) of 5.0 or above for power plants using fresh water to achieve specific water consumption of 2.5 m3/MWhr. (Or) Induced/Natural draft open cycle cooling system shall be set up with minimum Cycles of Concentration (COC) of 1.5 or above for power plants using sea water.	
<b>PPs Submission:</b> Complied Induced draft cooling tower is proposed in the upcoming 800 MW Unit. Cooling tower will be designed with COC of 5.			Date: 25/05/2026
26	WATER QUALITY MONITORING AND PRESERVATION	6.2 In case of the water withdrawal from river, a minimum flow 15 percent of the average flow of 120 consecutive leanest days should be maintained for environmental flow whichever is higher, to be released during the lean season after water withdrawal for proposed power plant.	
<b>PPs Submission:</b> Complied There is no water withdrawal from river, water is taken from Right Bank canal of Hasdeo barrage.			Date: 25/05/2026

Hence condition is Not applicable.		
27	WATER QUALITY MONITORING AND PRESERVATION	6.3 Records pertaining to measurements of daily water withdrawal and river flows (obtained from Irrigation Department/Water Resources Department) immediately upstream and downstream of withdrawal site shall be maintained.
<b>PPs Submission:</b> Complied Records of daily water withdrawal are maintained.		Date: 25/05/2026
28	WATER QUALITY MONITORING AND PRESERVATION	6.4 Rainwater harvesting in and around the plant area be taken up to reduce drawl of fresh water. If possible, recharge of groundwater to be undertaken to improve the ground water table in the area.
<b>PPs Submission:</b> Complied 1375 m3/hr capacity RWH system have been installed in plant for capturing surface run off water. 150 m3/hr capacity RWH was commissioned in township in July 2025. Further, works for capacity addition of 1200 m3/hr RWH system is in progress. Recharge to ground is not feasible due to shallow water table in the project area.		Date: 01/06/2026
29	WATER QUALITY MONITORING AND PRESERVATION	6.5 Regular (at least once in six months) monitoring of groundwater quality in and around the ash pond area including presence of heavy metals (Hg, Cr, As, Pb, etc.) shall be carried out as per CPCB guidelines. Surface water quality monitoring shall be undertaken for major surface water bodies as per the EMP. The data so obtained should be compared with the baseline data so as to ensure that the groundwater and surface water quality is not adversely impacted due to the project and its activities.
<b>PPs Submission:</b> Complied Surface and Water quality is monitored as per the suggested frequency, and records are maintained.		Date: 25/05/2026
30	WATER QUALITY MONITORING AND PRESERVATION	6.6 The treated effluents emanating from the different processes such as DM plant, boiler blow down, ash pond/dyke, sewage, etc. conforming to the prescribed standards shall be re-circulated and reused. Sludge/ rejects will be disposed in accordance with the Hazardous Waste Management Rules.
<b>PPs Submission:</b> Complied Effluent generated from different sources will be treated in ETP. Treated water will be reused.		Date: 25/05/2026
31	WATER QUALITY MONITORING AND PRESERVATION	6.7 Hot water dispensed from the condenser should be adequately cooled to ensure the temperature of the released surface water is not more than 5 degrees Celsius above the temperature of the intake water.
<b>PPs Submission:</b> Not Complied Not Applicable		Date: 25/05/2026
32	WATER QUALITY MONITORING AND PRESERVATION	6.8 Based on the commitment made by the Project Proponent, Sewage Treatment Plants within the radius of 50 km from proposed project, the treated sewage of dash-dash KLD from STP dash-dash (name) shall be used as an alternative to the fresh water source to minimize the fresh water drawl from surface water bodies.
<b>PPs Submission:</b> Complied No such commitment made by NTPC. However, as per MoM issued by CEA on 12.05.2023 and		Date:

28.06.2023, it is known that use of STP treated water from Bilaspur Municipal Corporation has been mapped with Akaltara Thermal Power Station.		25/05/2026
33	WATER QUALITY MONITORING AND PRESERVATION	6.9 Wastewater generation of dash-dash KLD from various sources (viz. cooling tower blowdown, boiler blow down, wastewater from ash handling, etc) shall be treated to meet the standards of pH: 6.5-8.5; Total Suspended Solids: 100 mg/l; Oil and Grease: 20 mg/l; Copper: 1 mg/l; Iron:1 mg/l; Free Chlorine: 0.5; Zinc: 1.0 mg/l; Total Chromium: 0.2 mg/l; Phosphate: 5.0 mg/l;
<b>PPs Submission:</b> Complied Once the Unit starts operation, Waste Water shall be treated in ETP and will be reused. Outlet water quality will be ensured within the prescribed limits.		Date: 25/05/2026
34	WATER QUALITY MONITORING AND PRESERVATION	6.10 Sewage generation of dash-dash KLD will be treated by setting up Sewage Treatment plant to maintain the treated sewage characteristics of pH: 6.5-9.0; Bio-Chemical Oxygen Demand (BOD): 30 mg/l; Total Suspended Solids: 100 mg/l; Fecal Coliforms (Most Probable Number): less then 1000 per 100 ml.
<b>PPs Submission:</b> Being Complied Additional STP with capacity of 75 KLD is proposed to be installed. STP outlet water parameter will be maintained within stipulated limits.		Date: 01/06/2026
35	Risk Mitigation and Disaster Management	7.1 Adequate safety measures and environmental safeguards shall be provided in the plant area to control spontaneous fires in coal yard, especially during dry and humid season.
<b>PPs Submission:</b> Complied Adequate safety measures are taken to avoid fires specially during summer in existing plant. Fire hydrants are available at Coal stock yard, Track hopper area, Transfer Points. A dedicated team monitors Coal fire on daily basis and suppression methods are readily available.		Date: 25/05/2026
36	Risk Mitigation and Disaster Management	7.2 Storage facilities for auxiliary liquid fuel such as LDO and HFO/LSHS shall be made as per the extant rules in the plant area in accordance with the directives of Petroleum and Explosives Safety Organisation (PESO). Sulphur Content in the liquid fuel should not exceed 0.5 present.
<b>PPs Submission:</b> Complied LDO is stored as per directive of Petroleum and Explosives Safety Organisation (PESO). Storage Licenses is obtained from PESO.		Date: 25/05/2026
37	Risk Mitigation and Disaster Management	7.3 Ergonomic working conditions with First Aid and sanitation arrangements shall be made for the drivers and other contract workers during construction phase.
<b>PPs Submission:</b> Complied First Aid box is kept in project construction area. Ergonomic working condition are made for drivers and contract workers. Dedicated rest, drinking water and toilet facilities for workers and drivers are available. Workers are given Classroom training on ergonomics with respect to material handling.		Date: 25/05/2026
38	Risk Mitigation and Disaster Management	7.4 Safety management plan based on Risk Assessment shall be prepared to limit the risk exposure to the workers within the plant boundary.
<b>PPs Submission:</b> Complied Hazard Identification and Risk Assessment is being carried before commencement of every work. Work Permit is issued only after completion of HIRA / JSA /Lifting plan / Toolbox talk. Work is		Date: 25/05/2026

		awarded to HSE Integro for deployment of 25 safety experts round the clock in Stage III construction area up to project completion period. External Technical experts in various areas like Scaffolding, Electrical safety etc are deployed under this work who add value to Safety Management.	
39	Risk Mitigation and Disaster Management	7.5 Regular mock drills for on-site emergency management plan and Integrated Emergency Response System shall be developed for all kind of possible disaster situations.	
<b>PPs Submission:</b> Complied Mock drills are conducted regularly to deal with the situation in case of any disaster. Dedicated fire tender with trained fire personnel and CISF are available at project site.			Date: 25/05/2026
40	GREENBELT	8.1 Green belt shall be developed in an area of 33 present of the total project with indigenous native tree species in accordance with CPCB guidelines. The green belt shall inter-alia cover an entire periphery of the plant.	
<b>PPs Submission:</b> Being Complied 218.55 acres (88.44 ha) area is earmarked as Greenbelt in and around plant periphery which is more than the stage-I and Stage-II EC stipulation of 215 acres of Greenbelt. Aprox. 27 ha of land patches have been identified where plantation will be raised in phased manner by 2028-29. At present this land is being used as lay down area for the Stage-III. Gap areas have been identified in plant and township where plantation is carried out regularly.			Date: 01/06/2026
41	GREENBELT	8.2 In-situ/ex-situ Conservation Plan for the conservation of flora and fauna should be prepared and implemented.	
<b>PPs Submission:</b> Complied On 22.04.2025, PO has been placed upon Guru Ghasidas Vishwavidyalaya, Bilaspur to conduct this study. Work is in progress.			Date: 25/05/2026
42	WASTE MANAGEMENT	9.2 Toxicity Characteristic Leachate Procedure (TCLP) test shall be conducted for any substance, potential of leaching heavy metals into the surrounding areas as well as into the groundwater.	
<b>PPs Submission:</b> Complied Toxicity Characteristic Leachate Procedure (TCLP) test for potential of leaching heavy metals into the surrounding areas was conducted by IIT Hyderabad and report is received in September 2025. There is no findings of leaching of heavy metals.			Date: 25/05/2026
43	WASTE MANAGEMENT	9.3 Ash pond shall be lined with impervious liner as per the soil conditions. Adequate dam/dyke safety measures shall also be implemented to protect the ash dyke from getting breached.	
<b>PPs Submission:</b> Complied Existing ash dyke will be used for emergency use for the upcoming unit. No separate ash dyke is proposed for the expansion project.			Date: 25/05/2026
44	WASTE MANAGEMENT	9.4 Fly ash shall be collected in dry form and ash generated shall be used in phased manner as per provisions of the Notification on Fly Ash Utilization issued by the Ministry and amendment thereto. By the end of 4th year, 100 percent fly ash utilization should be ensured. Unutilized ash shall be disposed off in the ash pond in the form of High Concentration Slurry. Mercury and other heavy metals (As, Hg, cr, Pb, etc.) will be monitored in the bottom ash as also in the effluents emanating from the existing ash pond. Fly ash utilization details shall be submitted to concerned Regional Office along with the six-monthly compliance reports and utilization data shall be published on companys website.	

<p><b>PPs Submission: Complied</b> NTPC Sipat has achieved Ash Utilization of 101.26 percent in 2023-24, 102.13 percent in FY 2024-25, 102.53 percent in 2025-26. Mercury and other heavy metals in Fly Ash is tested through NEERI Nagpur and reports are available. Fly ash utilization Annual Compliance Report FY 2025-26 is submitted to MoEF and CC and CPCB on 30.04.2026 . Ash Utilization audit report for FY 2024-25 is submitted to MoEF and CC and CPCB on 31.10.2025. Ash utilization monthly data / report is submitted on <a href="https://coalash.cpcb.gov.in">https://coalash.cpcb.gov.in</a> portal by 5th of every month.</p>		Date: 25/05/2026
45	WASTE MANAGEMENT	9.5 Unutilized ash shall be disposed off in the ash pond in the form of High Concentration Slurry/Medium Concentration Slurry/Lean Concentration Slurry method. Ash water recycling system shall be set up to recover supernatant water.
<p><b>PPs Submission: Complied</b> No separate ash ponds are proposed for the expansion project. Existing ash ponds will be used for disposal of ash in lean concentration slurry form. AWRS is already operational.</p>		Date: 25/05/2026
46	WASTE MANAGEMENT	9.6 In case of waste-to-energy plant, major problems related with environment are fire smog in MSW dump site, foul smell and impacts to the surrounding populations. Therefore, the following measures are required to be taken up: i) Water hydrant at all the dumpsites of MSW area to be provided so that the fire and smog could be controlled. ii) Sprayer like microbial consortia may be provided for arresting the foul smell emanating from MSW area.
<p><b>PPs Submission: Not Complied</b> Not Applicable</p>		Date: 25/05/2026
47	MISCELLANEOUS	10.1 Environmental Audit of the project be taken up by the third party for preparation of Environmental Statement as per Form-V and Conditions stipulated in the EC and report be submitted to the Ministry.
<p><b>PPs Submission: Complied</b> Environment Audit of NTPC Sipat for preparation of Environment Statement as per Form V (2024-25) and Conditions stipulated in EC was conducted by Guru Ghasidas Vishwavidyalaya, Bilaspur. Audited Environment Statement Form V is submitted on 30.09.2025. Report on Environment Audit of EC conditions is submitted to the ministry on 05.02.2026.</p>		Date: 25/05/2026
48	MISCELLANEOUS	10.2 Resettlement and Rehabilitation Plan as per the extant rules of Govt. of India and respective State Govt. shall be followed, if applicable.
<p><b>PPs Submission: Complied</b> R and R is not applicable as no land acquisition is involved.</p>		Date: 25/05/2026
49	MISCELLANEOUS	10.3 Energy Conservation Plan to be implemented as envisaged in the EIA / EMP report. Renewable Energy Purchase Obligation as set by MoP/State Government shall be met either by establishing renewable energy power plant (such as solar, wind, etc.) or by purchasing Renewable Energy Certificates.
<p><b>PPs Submission: Complied</b> Initiatives for Energy Conservation activities are being carried out regularly. Activities undertaken in the year 2025-26 are enclosed herewith.</p>		Date: 29/05/2026
50	MISCELLANEOUS	10.4 Monitoring of Carbon Emissions from the existing power plant as well as for the proposed power project shall be carried out annually from a reputed institute and report be submitted to the Ministries

		Regional Office.
<p><b>PPs Submission: Being Complied</b> LCA Study was conducted through E and Y wherein CO2 equivalent emission from the existing power plant has been calculated. The Report was submitted to regional office of Ministry on 03.12.2025. Work is in progress for awarding carbon emission study for the FY 2025-26. Upon completion of study, report will be submitted to the ministry.</p>		<p>Date: 01/06/2026</p>
51	MISCELLANEOUS	10.5 Energy and Water Audit shall be conducted at least once in two years and recommendations arising out of the Report should be followed. A report in this regard shall be submitted to Ministry's Regional Office.
<p><b>PPs Submission: Complied</b> Energy and water audits are carried out once in two years. Recommendations are being implemented. Latest Report in this regard was submitted to Ministry's regional office in February 2026.</p>		<p>Date: 01/06/2026</p>
52	MISCELLANEOUS	10.6 Environment Cell (EC) shall be constituted by taking members from different divisions, headed by a qualified person on the subject, who shall be reporting directly to the Head of the Project.
<p><b>PPs Submission: Complied</b> Environment Cell with qualified employees is headed by Additional General Manager who directly reports to Business Unit Head</p>		<p>Date: 25/05/2026</p>
53	MISCELLANEOUS	10.7 ""The project proponent shall (Post-EC Monitoring): a. send a copy of environmental clearance letter to the heads of Local Bodies, Panchayat, Municipal bodies and relevant offices of the Government; b. upload the clearance letter on the web site of the company as a part of information to the general public. c. inform the public through advertisement within seven days from the date of issue of the clearance letter, at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the SPCB and may also be seen at Website of the Ministry of Environment, Forest and Climate Change (MoEF and CC) at <a href="http://parviesh.nic.in">http://parviesh.nic.in</a> . d. upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same periodically; e. monitor the criteria pollutants level namely; PM (PM10 and PM2.5) in case of ambient AAQ), SO2, NOx (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the projects and display the same at a convenient location for disclosure to the public and put on the website of the company f. submit six monthly reports on the status of the compliance of the stipulated environmental conditions including results of monitored data (both in hard copies as well as by e-mail) to the Regional Office of MoEF and CC, the respective Zonal Office of CPCB and the SPCB; g. submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company; h. inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project and the date of commencement of the land development work.
<p><b>PPs Submission: Complied</b> Copy of Environment Clearance Letter had been submitted to the head of local bodies. Copy of EC</p>		<p>Date: 25/05/2026</p>

<p>has been uploaded on the website of the company. A public Notice regarding grant of EC for expansion project (1 x 800 MW) had been published in the two newspaper Central Chronical and Dainik Bhaskar on 12.08.2024 for information to general public. Status of compliance of Environmental Clearance conditions are uploaded six monthly on PARIVESH portal of the ministry and on the company s website. Display of Environmental parameters at Plant gate and Admin building has been established. Six monthly compliance report has been submitted to regional office of MoEF and CC, CPCB's Regional office at Bhopal and CECB through e-mail. Environment Statement is submitted to Chhattisgarh Environment Conservation Board (CECB) every year. ES for FY 2024-25 was submitted on 30.09.2025. ES for 2025-26 shall be submitted within timeline. Date of final approval of the project : Sipat Stage-3 (1X800 MW) investment approval was accorded by NTPC board of directors on 19.09.2024. The Feasibility Report of Sipat STPP Stage-III (1x800 MW) was approved by the Project Sub-Committee of the Board of Directors on 24.06.2023. Date of Financial closure and date of commence of land development work already intimated to Regional office of ministry.</p>		
54	Corporate Environmental Responsibility	11.1 CER activities will be carried out as per OM No. 22-65/2017-IA.III dated 30.9.2020 or as proposed by the PP in reference to Public Hearing or as earmarked in the EIA/EMP report along with the detailed scheduled of implementation with appropriate budgeting.
<p><b>PPs Submission:</b> Being Complied CER activities are being carried out as proposed in reference to Public Hearing. Status of implementation is attached.</p>		<p>Date: 01/06/2026</p>
55	Marine/Coastal	12.1 As the seawater intake systems are required for the plant fall in CRZ area, recommendations from State Coastal Zone Management Authority (SCZMA) as per CRZ Notification shall be implemented.
<p><b>PPs Submission:</b> Complied Not Applicable</p>		<p>Date: 25/05/2026</p>
56	Marine/Coastal	12.2 Marine intake and outfall pipelines shall be located as per the recommendations State Coastal Zone Management Authority (SCZMA).
<p><b>PPs Submission:</b> Complied Not Applicable</p>		<p>Date: 26/05/2026</p>
57	MISCELLANEOUS	13.1 Seawater intake system shall be so designed and constructed to ensure sufficient sweater in terms of quantity and quality.
<p><b>PPs Submission:</b> Complied Not Applicable</p>		<p>Date: 26/05/2026</p>
58	MISCELLANEOUS	13.2 The withdrawal of seawater shall be preferably through a pipeline with a riser equipped with a velocity cap arrangement and bar screen to arrest the impingement of large marine organisms.
<p><b>PPs Submission:</b> Complied Not Applicable</p>		<p>Date: 26/05/2026</p>
59	MISCELLANEOUS	13.3 In all tide conditions (particularly at spring low tides) the riser head must be flooded with the required submergence of seawater above its top.
<p><b>PPs Submission:</b> Complied Not Applicable</p>		<p>Date:</p>

			26/05/2026
60	MISCELLANEOUS	14.1 At the effluent release point, maximum temperature of the discharge water shall not be more than 5oC and salinity shall not exceed 50 ppt with respect to that of the ambient seawater.	
<b>PPs Submission:</b> Complied Not Applicable			Date: 26/05/2026
61	MISCELLANEOUS	14.2 Use of antifouling agents like chlorine / hypochlorite, shall be carefully controlled. The chlorine concentration shall not exceed 0.2 ppm at the effluent release point.	
<b>PPs Submission:</b> Complied Not Applicable			Date: 26/05/2026
62	MISCELLANEOUS	14.3 The effluent when released at the selected location shall attain sufficient dilution so that near ambient water quality (particularly temperature and salinity) is attained within 500 m from the release location, at low tide.	
<b>PPs Submission:</b> Complied Not Applicable			Date: 26/05/2026
63	MISCELLANEOUS	14.4 The location of the diffuser shall be marked with a solar lighted buoy to avoid accidents.	
<b>PPs Submission:</b> Complied Not Applicable			Date: 26/05/2026
64	MISCELLANEOUS	14.5 The site selected based on mathematical modeling shall ensure absence of recirculation of the effluent plume in the seawater intake area under all tidal conditions.	
<b>PPs Submission:</b> Complied Not Applicable			Date: 26/05/2026
65	MISCELLANEOUS	14.6 The effluent shall be released through a properly designed multiport diffuser above the seabed to facilitate its efficient initial mixing with the receiving seawater.	
<b>PPs Submission:</b> Complied Not Applicable			Date: 26/05/2026
66	MISCELLANEOUS	14.7 Efficacy of the diffuser shall be ascertained at least once in 2 years through scientific studies and corrective actions such as cleaning of the diffuser from marine growth, removal of silt deposits, etc. shall be taken up, if warranted.	
<b>PPs Submission:</b> Complied Not Applicable			Date: 26/05/2026
67	MISCELLANEOUS	14.8 Continuous online monitoring system for Temperature and Salinity shall be installed to monitor the quality of effluent.	

<b>PPs Submission:</b> Complied Not Applicable		Date: 26/05/2026
68	MISCELLANEOUS	15.1 The pipeline shall be buried below the seabed at a depth to ensure its stability under rough sea conditions particularly during cyclone / tsunami. The depth of burial will depend on the seafloor strata but normally the top of the pipeline shall be at least 1 m below the bed level. In the surf and intertidal zones, the pipeline shall be buried below the maximum scour level.
<b>PPs Submission:</b> Complied Not Applicable		Date: 26/05/2026
69	MISCELLANEOUS	15.2 In case of open channel, the channel shall be constructed as per the recommendations of State Coastal Zone Management Authority (SCZMA).
<b>PPs Submission:</b> Complied Not Applicable		Date: 26/05/2026
70	MISCELLANEOUS	15.3 If the substratum is rocky the pipeline may be anchored to the rock provided the geology of the area satisfactorily supports the structure which shall be ascertained through geo-technical investigations.
<b>PPs Submission:</b> Complied Not Applicable		Date: 26/05/2026
71	MISCELLANEOUS	15.4 Exposed pipeline section and riser shall be protected by armour stone from waves, boats anchoring, fishing activities etc.
<b>PPs Submission:</b> Complied Not Applicable		Date: 26/05/2026
72	MISCELLANEOUS	15.5 The location of the riser and diffuser shall be marked with a solar lighted buoy to avoid accidents from boats.
<b>PPs Submission:</b> Complied Not Applicable		Date: 26/05/2026
73	MISCELLANEOUS	15.6 "Marine / Sea water quality shall be monitored at effluent release location at the center. Parameters to be monitored shall be as follows: a. Physico-chemical: Temperature, Salinity, pH and Dissolved Oxygen. b. Biological: Primary Productivity, Phytoplankton (Chlorophyll a, Phaeophytin, Population, Species), Zooplankton (Biomass, Population, Species) and Benthos (Biomass, Population, Species)."
<b>PPs Submission:</b> Complied Not Applicable		Date: 26/05/2026
74	MISCELLANEOUS	15.7 In case of Coastal Power Plants, the Mangrove plantation shall be taken up in an area of dash-dash ha, along the coast/ on the banks of dash - dash Estuary.

**PPs Submission:** Complied  
Not Applicable

Date:  
26/05/2026

75

MISCELLANEOUS

1.10 PP shall install solar power plant on roof top and also road side poles within the project site will be lighting through solar power. Implementation status of solar plant shall be specifically submit in six monthly compliance report

**PPs Submission:** Complied

Solar power plants with total 1,333 KWp capacity have been installed at NTPC-Sipat. Further, works are in progress for 26 MW floating solar on reservoir. Photographs of roof and ground mounted solar panels are attached in support. 50 Nos. solar powered LED street lighting system has been completed in March 2025. Contract is awarded for supply and installation of further 50 Nos of Solar street lights. Materials are received at station and installation will be completed by July 2026. Photographs of installed Solar panels are attached.

Date:  
29/05/2026

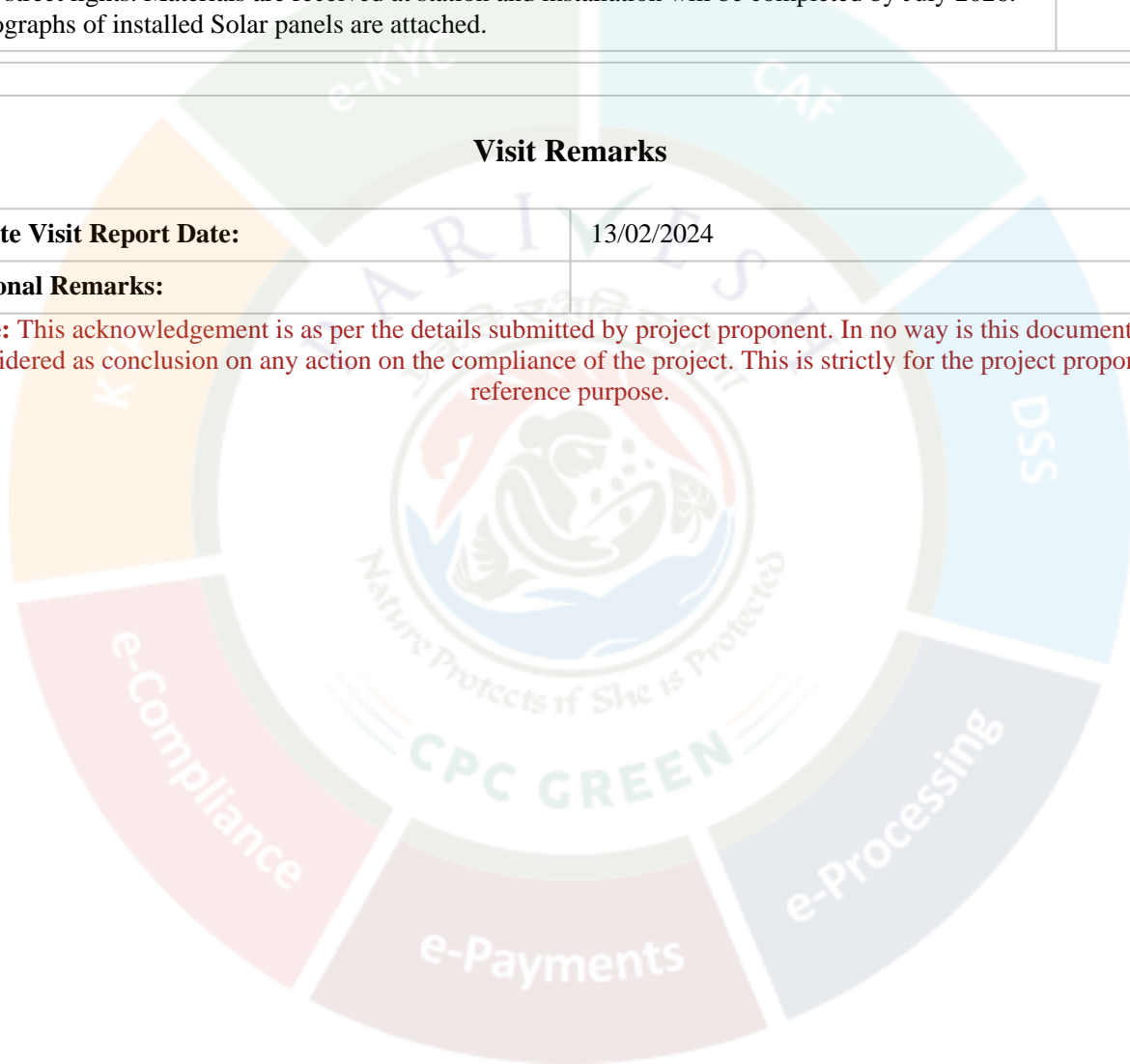
### Visit Remarks

**Last Site Visit Report Date:**

13/02/2024

**Additional Remarks:**

**Note:** This acknowledgement is as per the details submitted by project proponent. In no way is this document to be considered as conclusion on any action on the compliance of the project. This is strictly for the project proponent's reference purpose.



**Six monthly compliance status of conditions of Environmental Clearance Stage III  
J-13012/02/2019-IA.I(T) dt 06.08.2024**

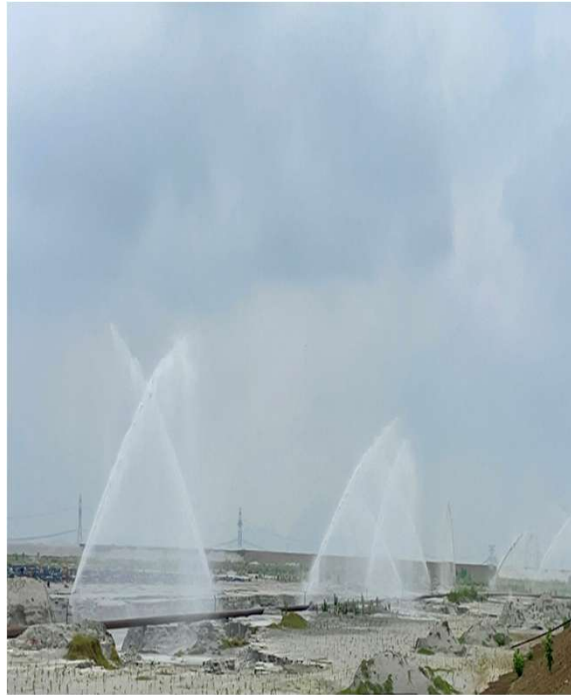
**Period – October 2025 to March 2026**

**List of Annexures enclosed**

Sl No.	EC Condition No	Description of the attachment
		<b>Specific EC conditions</b>
	<b>1 A</b>	<b>Environment Management Conditions</b>
1	1.2	Ash Dyke fugitive emission control systems installed
2	1.2	Six monthly Ground Water Monitoring report
3	1.3	Pound Rejuvenation works before and after photographs
4	1.4	Rain water harvesting works in public building
5	1.10	Solar Panels installed at NTPC Sipat
6	1.12	Photographs of E-Vehicles at station
7	1.13	Photographs of Plantation works
8	1.19	Photographs of Road sweeping machine
9	1.24	Surface and Ground Water Monitoring Reports
10	1.26	Activities for Ban on single use plastic in 2025-26
11	1.27	Gap plantation works 2025-26
	<b>2 B</b>	<b>Socio-Economic Conditions</b>
12	2.3	Status of Public hearing issues
13	2.7	Communication from RITES Limited
		<b>Standard conditions for thermal power plants</b>
	<b>1</b>	<b>Statutory Compliance</b>
14	1.7	No objection certificate for Chimney height clearance by AAI
	<b>6</b>	<b>Water Quality monitoring and management</b>
15	6.4	Rain water Harvesting in public buildings
	<b>10</b>	<b>Monitoring of Compliance</b>
16	10.3	Energy Conservation Activities undertaken in 2025-26 at NTPC Sipat
	<b>11</b>	<b>Corporate Environmental responsibility activities</b>
17	11.1	Status of CER activities / Public Hearing

**Attachment to Condition No 1.2 of Stage III EC dated 06.08.2024 of NTPC Sipat**

## **FUGITIVE DUST EMISSION CONTROL MEASURES AT NTPC SIPAT ASH DYKE**



**Installation of High Range Rain guns and Sprinklers.**



## FUGITIVE DUST EMISSION CONTROL MEASURES AT NTPC SIPAT ASH DYKE (Cont.)



**Cow dung slurry spray.**



**Beshram Plantation.**



**Laying of Tarpaulin Sheet.**



**FUGITIVE DUST EMISSION CONTROL MEASURES AT NTPC SIPAT ASH DYKE (Cont.)**



**Shade net/Agro mesh Installation.**



**Water tankers**



**Installation of Water curtain.**



**Ponding of charged Ash dyke**



**Attachment to condition No 1.2 and 1.24 of EC stage III dated 06.08.2024**

**Ground Water Quality Monitoring**

**Period of Observation: 01.10.2025 to 31.03.2026**

**Legend :** BLQ- Below Limit of Quantification, LOQ-Limit of Quantification Minimum Detection Limit (mg/l): F:0.2

Month	Location-I (Hardadih)				
	pH	TSS	TDS	F	B
		[mg/L]			
Oct-2025	7.4	2	407	BLQ	<0.1
Nov-2025	7.2	2	466	0.3	<0.1
Dec-2025	7.2	2	418	BQ	<0.1
Jan-2026	7.2	2	407	BLQ	<0.1
Feb-2026	7.1	3	400	BLQ	<0.1
Mar-2026	7.2	2	457	0.3	<0.1

Month	Location-II (Sukhripali)				
	pH	TSS	TDS	F	B
		[mg/L]			
Oct-2025	7.2	6	430	0.2	<0.1
Nov-2025	7.4	1	394	BLQ	<0.1
Dec-2025	7.1	5	495	0.5	<0.1
Jan-2026	7.1	6	430	0.5	<0.1
Feb-2026	7.5	4	460	0.5	<0.1
Mar-2026	7.4	1	402	BLQ	<0.1

Month	Location-III (Ralia)				
	pH	TSS	TDS	F	B
		[mg/L]			
Oct-2025	7.6	4	426	0.2	<0.1
Nov-2025	7.1	2	424	BLQ	<0.1
Dec-2025	7.5	1	394	BLQ	<0.1
Jan-2026	7.5	4	426	BLQ	<0.1
Feb-2026	7.3	3	427	BLQ	<0.1
Mar-2026	7.5	2	430	BLQ	<0.1

Month	Location-IV (Bhilai)				
	pH	TSS	TDS	F	B
		[mg/L]			
Oct-2025	7.3	7	480	0.5	<0.1
Nov-2025	7.3	5	492	0.3	<0.1
Dec-2025	7.3	4	467	0.3	<0.1
Jan-2026	7.3	7	480	0.3	<0.1
Feb-2026	7.2	4	475	0.3	<0.1

Mar-2026	7.3	5	480	0.3	<0.1
Location-V (Gatora)					
Month	pH	TSS	TDS	F	B
Oct-2025	7.5	4	418	BLQ	<0.1
Nov-2025	7.5	1	414	BLQ	<0.1
Dec-2025	7.6	5	478	0.4	<0.1
Jan-2026	7.6	4	418	0.4	<0.1
Feb-2026	7.6	5	484	0.4	<0.1
Mar-2026	7.2	1	417	BLQ	<0.1

Location-VI (Rank)					
Month	pH	TSS	TDS	F	B
Oct-2025	7.1	5	458	0.4	<0.1
Nov-2025	7.2	2	466	0.3	<0.1
Dec-2025	7.3	2	404	0.2	<0.1
Jan-2026	7.3	5	458	0.2	<0.1
Feb-2026	7.3	1	391	0.2	<0.1
Mar-2026	7.6	2	466	0.3	<0.1

Location-VII (Janji)					
Month	pH	TSS	TDS	F	B
Oct-2025	7.3	2	400	BLQ	<0.1
Nov-2025	7.4	3	470	0.2	<0.1
Dec-2025	7.3	4	475	0.4	<0.1
Jan-2026	7.4	3	470	0.2	<0.1
Feb-2026	7.5	1	388	0.2	<0.1
Mar-2026	7.3	3	435	0.2	<0.1

Location-VIII (Kaudia)					
Month	pH	TSS	TDS	F	B
Oct-2025	7.5	3	438	0.3	<0.1
Nov-2025	7.3	4	488	0.4	<0.1
Dec-2025	7.1	5	498	0.4	<0.1
Jan-2026	7.3	4	488	0.4	<0.1
Feb-2026	7.3	5	494	0.4	<0.1
Mar-2026	7.2	4	414	0.4	<0.1

Location-IX (Darrabhata)					
Month	pH	TSS	TDS	F	B
Oct-2025	7.2	4	448	0.5	<0.1
Nov-2025	7.2	2	434	0.2	<0.1
Dec-2025	7.6	1	390	BLQ	<0.1
Jan-2026	7.2	2	434	0.2	<0.1
Feb-2026	7.1	3	457	0.2	<0.1
Mar-2026	7.5	2	434	0.2	<0.1

Location-X (Deori)					
Month	pH	TSS	TDS	F	B
Oct-2025	7.4	3	412	BLQ	<0.1
Nov-2025	7.1	2	420	0.2	<0.1
Dec-2025	7.2	3	454	0.3	<0.1
Jan-2026	7.1	2	420	0.2	<0.1
Feb-2026	7.4	4	470	0.2	<0.1
Mar-2026	7.3	2	420	0.2	<0.1

Location-XI (Nvaadih)					
Month	pH	TSS	TDS	F	B
Oct-2025	7.3	6	474	0.4	<0.1
Nov-2025	7.5	1	404	BLQ	<0.1
Dec-2025	7.5	2	415	BLQ	<0.1
Jan-2026	7.5	1	404	BLQ	<0.1
Feb-2026	7.6	2	400	BLQ	<0.1
Mar-2026	7.4	1	404	BLQ	<0.1

**Surface Water (Pond) Quality Monitoring**  
**Period of Observation: 01.10.2025 to 31.03.2026**

Month	Location-I (Hardadih)				
	pH	TSS	TDS	F	B
		[mg/L]			
Oct-2025	7.5	20	344	0.2	<0.1
Nov-2025	7.2	25	345	0.5	<0.1
Dec-2025	7.2	14	312	BLQ	<0.1
Jan-2026	7.5	20	344	BLQ	<0.1
Feb-2026	7.3	17	340	BLQ	<0.1
Mar-2026	7.4	25	351	0.5	<0.1

Month	Location-II (Sukhripali)				
	pH	TSS	TDS	F	B
		[mg/L]			
Oct-2025	7.3	18	364	0.3	<0.1
Nov-2025	7.6	20	362	0.4	<0.1
Dec-2025	7.5	18	375	0.5	<0.1
Jan-2026	7.3	18	364	0.5	<0.1
Feb-2026	7.7	12	281	0.5	<0.1
Mar-2026	7.2	20	278	0.4	<0.1

Month	Location-III (Ralia)				
	pH	TSS	TDS	F	B
		[mg/L]			
Oct-2025	7.1	22	359	0.3	<0.1
Nov-2025	7.5	26	365	0.6	<0.1
Dec-2025	7.6	11	279	BLQ	<0.1
Jan-2026	7.1	22	359	BLQ	<0.1
Feb-2026	7.4	18	362	BLQ	<0.1
Mar-2026	7.5	26	363	0.6	<0.1

Month	Location-IV (Bhilai)				
	pH	TSS	TDS	F	B
		[mg/L]			
Oct-2025	7.6	22	368	0.5	<0.1
Nov-2025	7.1	24	362	0.4	<0.1
Dec-2025	7.3	14	287	0.2	<0.1
Jan-2026	7.6	22	368	0.2	<0.1
Feb-2026	7.2	16	320	0.2	<0.1
Mar-2026	7.3	24	339	0.4	<0.1

Location-V (Gatora)					
Month	pH	TSS	TDS	F	B
Oct-2025	7.2	24	391	0.4	<0.1
Nov-2025	7.4	28	384	0.3	<0.1
Dec-2025	7.5	15	363	0.3	<0.1
Jan-2026	7.2	24	391	0.3	<0.1
Feb-2026	7.8	14	296	0.3	<0.1
Mar-2026	7.4	28	316	0.3	<0.1

Location-VI (Rank)					
Month	pH	TSS	TDS	F	B
Oct-2025	7.5	16	320	BLQ	<0.1
Nov-2025	7.3	18	323	BLQ	<0.1
Dec-2025	7.2	14	351	0.2	<0.1
Jan-2026	7.5	16	320	0.2	<0.1
Feb-2026	7.3	17	340	0.2	<0.1
Mar-2026	7.1	18	359	BLQ	<0.1

Location-VII (Janji)					
Month	pH	TSS	TDS	F	B
Oct-2025	7.5	24	395	0.4	<0.1
Nov-2025	7.2	26	378	0.6	<0.1
Dec-2025	7.2	18	380	0.4	<0.1
Jan-2026	7.2	26	378	0.4	<0.1
Feb-2026	7.2	26	378	0.4	<0.1
Mar-2026	7.5	24	402	0.4	<0.1

Location-VIII (Kaudia)					
Month	pH	TSS	TDS	F	B
Oct-2025	7.2	20	379	0.3	<0.1
Nov-2025	7.4	18	385	0.4	<0.1
Dec-2025	7.3	13	287	BLQ	<0.1
Jan-2026	7.4	18	385	BLQ	<0.1
Feb-2026	7.4	18	385	BLQ	<0.1
Mar-2026	7.2	20	408	0.3	<0.1

Location-IX (Darrabhata)					
Month	pH	TSS	TDS	F	B
Oct-2025	7.6	20	328	BLQ	<0.1
Nov-2025	7.6	22	373	BLQ	<0.1
Dec-2025	7.3	15	362	0.3	<0.1
Jan-2026	7.6	22	373	0.3	<0.1
Feb-2026	7.6	22	373	0.3	<0.1
Mar-2026	7.6	20	397	BLQ	<0.1

Location-X (Deori)					
Month	pH	TSS	TDS	F	B
Oct-2025	7.3	22	350	0.2	<0.1
Nov-2025	7.2	25	332	0.5	<0.1
Dec-2025	7.5	15	320	0.2	<0.1
Jan-2026	7.2	25	332	0.2	<0.1
Feb-2026	7.2	25	332	0.2	<0.1
Mar-2026	7.3	22	350	0.2	<0.1

Location-XI (Navadih)					
Month	pH	TSS	TDS	F	B
Oct-2025	7.2	18	338	BLQ	<0.1
Nov-2025	7	20	390	BLQ	<0.1
Dec-2025	7.2	14	300	BLQ	<0.1
Jan-2026	7.0	20	390	BLQ	<0.1
Feb-2026	7.0	20	390	BLQ	<0.1
Mar-2026	7.2	18	414	BLQ	<0.1

**Table-VII : Heavy Metals monitoring around plant villages**

Legend: BLQ- Below Limit of Quantification, LOQ-Limit of Quantification

Minimum Detection Limit (mg/l): Cu: 0.002, Zn: 0.01, Cd : 0.002 Cr(Total):0.002, Pb:0.002, As : 0.002, Hg:0.0005

Month	Location-I (Hardadih)							
	Fe	Hg	Cd	Cr	Pb	Zn	As	Cu
	[mg/L]							
Oct-2025	0.23	BLQ	BLQ	BLQ	BLQ	BLQ	BLQ	BLQ
Nov-2025	0.22	BLQ	BLQ	BLQ	BLQ	BLQ	BLQ	BLQ
Dec-2025	0.20	BLQ	BLQ	BLQ	BLQ	BLQ	BLQ	BLQ
Jan-2026	0.23	BLQ	BLQ	BLQ	BLQ	BLQ	BLQ	BLQ

Month	Location-II (Sukhripali)							
	Fe	Hg	Cd	Cr	Pb	Zn	As	Cu
	[mg/L]							
Oct-2025	0.25	BLQ	BLQ	BLQ	BLQ	BLQ	BLQ	BLQ
Nov-2025	0.26	BLQ	BLQ	BLQ	BLQ	BLQ	BLQ	BLQ
Dec-2025	0.23	BLQ	BLQ	BLQ	BLQ	BLQ	BLQ	BLQ
Jan-2026	0.25	BLQ	BLQ	BLQ	BLQ	BLQ	BLQ	BLQ

Month	Location-III (Ralia)							
	Fe	Hg	Cd	Cr	Pb	Zn	As	Cu
	[mg/L]							
Oct-2025	0.22	BLQ	BLQ	BLQ	BLQ	BLQ	BLQ	BLQ
Nov-2025	0.23	BLQ	BLQ	BLQ	BLQ	BLQ	BLQ	BLQ
Dec-2025	0.21	BLQ	BLQ	BLQ	BLQ	BLQ	BLQ	BLQ
Jan-2026	0.22	BLQ	BLQ	BLQ	BLQ	BLQ	BLQ	BLQ

Month	Location-IV (Bhilai)							
	Fe	Hg	Cd	Cr	Pb	Zn	As	Cu
	[mg/L]							
Oct-2025	0.26	BLQ	BLQ	BLQ	BLQ	BLQ	BLQ	BLQ
Nov-2025	0.25	BLQ	BLQ	BLQ	BLQ	BLQ	BLQ	BLQ
Dec-2025	0.26	BLQ	BLQ	BLQ	BLQ	BLQ	BLQ	BLQ
Jan-2026	0.25	BLQ	BLQ	BLQ	BLQ	BLQ	BLQ	BLQ

Location-V (Gataura )								
Month	Fe	Hg	Cd	Cr	Pb	Zn	As	Cu
	[mg/L]							
Oct-2025	0.24	BLQ	BLQ	BLQ	BLQ	BLQ	BLQ	BLQ
Nov-2025	0.22	BLQ	BLQ	BLQ	BLQ	BLQ	BLQ	BLQ
Dec-2025	0.22	BLQ	BLQ	BLQ	BLQ	BLQ	BLQ	BLQ
Jan-2026	0.22	BLQ	BLQ	BLQ	BLQ	BLQ	BLQ	BLQ

Location-VI (Rank )								
Month	Fe	Hg	Cd	Cr	Pb	Zn	As	Cu
	[mg/L]							
Oct-2025	0.21	BLQ	BLQ	BLQ	BLQ	BLQ	BLQ	BLQ
Nov-2025	0.25	BLQ	BLQ	BLQ	BLQ	BLQ	BLQ	BLQ
Dec-2025	0.23	BLQ	BLQ	BLQ	BLQ	BLQ	BLQ	BLQ
Jan-2026	0.25	BLQ	BLQ	BLQ	BLQ	BLQ	BLQ	BLQ

Location-VII (Janji )								
Month	Fe	Hg	Cd	Cr	Pb	Zn	As	Cu
	[mg/L]							
Oct-2025	0.24	BLQ	BLQ	BLQ	BLQ	BLQ	BLQ	BLQ
Nov-2025	0.25	BLQ	BLQ	BLQ	BLQ	BLQ	BLQ	BLQ
Dec-2025	0.23	BLQ	BLQ	BLQ	BLQ	BLQ	BLQ	BLQ
Jan-2026	0.22	BLQ	BLQ	BLQ	BLQ	BLQ	BLQ	BLQ

Location-VIII (Kaudia )								
Month	Fe	Hg	Cd	Cr	Pb	Zn	As	Cu
	[mg/L]							
Oct-2025	0.21	BLQ	BLQ	BLQ	BLQ	BLQ	BLQ	BLQ
Nov-2025	0.26	BLQ	BLQ	BLQ	BLQ	BLQ	BLQ	BLQ
Dec-2025	0.21	BLQ	BLQ	BLQ	BLQ	BLQ	BLQ	BLQ
Jan-2026	0.25	BLQ	BLQ	BLQ	BLQ	BLQ	BLQ	BLQ

Location-IX (Darrabhata )								
Month	Fe	Hg	Cd	Cr	Pb	Zn	As	Cu
	[mg/L]							
Oct-2025	0.23	BLQ	BLQ	BLQ	BLQ	BLQ	BLQ	BLQ
Nov-2025	0.22	BLQ	BLQ	BLQ	BLQ	BLQ	BLQ	BLQ
Dec-2025	0.26	BLQ	BLQ	BLQ	BLQ	BLQ	BLQ	BLQ
Jan-2026	0.22	BLQ	BLQ	BLQ	BLQ	BLQ	BLQ	BLQ

Month	Location-X (Deori)							
	Fe	Hg	Cd	Cr	Pb	Zn	As	Cu
	[mg/L]							
Oct-2025	0.24	BLQ	BLQ	BLQ	BLQ	BLQ	BLQ	BLQ
Nov-2025	0.25	BLQ	BLQ	BLQ	BLQ	BLQ	BLQ	BLQ
Dec-2025	0.24	BLQ	BLQ	BLQ	BLQ	BLQ	BLQ	BLQ
Jan-2026	0.25	BLQ	BLQ	BLQ	BLQ	BLQ	BLQ	BLQ

Month	Location-XI (Navadih)							
	Fe	Hg	Cd	Cr	Pb	Zn	As	Cu
	[mg/L]							
Oct-2025	0.26	BLQ	BLQ	BLQ	BLQ	BLQ	BLQ	BLQ
Nov-2025	0.22	BLQ	BLQ	BLQ	BLQ	BLQ	BLQ	BLQ
Dec-2025	0.22	BLQ	BLQ	BLQ	BLQ	BLQ	BLQ	BLQ
Jan-2026	0.26	BLQ	BLQ	BLQ	BLQ	BLQ	BLQ	BLQ

**Attachment to condition No 1.3 of EC Stage III Amendment dated 06.08.2024**

**POND REJUVENATION WORKS**

**Naya Talab at Karra – works completed in March 2026**



### Pond Rejuvenation Works

#### Bandua Talab at Rank Village – Photographs of Works in Progress (started in Mar'25)



#### Bandua Talab at Rank Village – after completion (Photos taken in Oct 2025)



### Pond Rejuvenation Works

#### RANISAGAR TALAB AT JANJI – BEFORE PHOTOGRAPHS:



#### RANISAGAR POND COMPLETED IN NOV 2025 – AFTER PHOTOGRAPHS:



Attachment to condition No 1.4 of EC Stage III Amendment dated 06.08.2024

### Rain Water Harvesting works in Public Buildings



Fig 1 – Rain Water Harvesting in progress at Sipat Primary Health Centre

## Rain Water Harvesting works in Public Buildings



Fig 2 – Rain Water Harvesting in progress in Swami Atmanand school

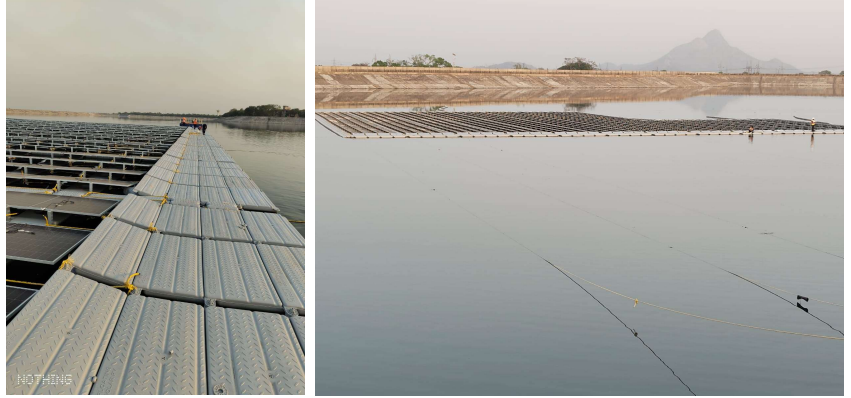


Fig 3 – Rain Water Harvesting in Kaudia School

**Attachment to Condition No 2 of Stage I EC amendment dt 08.09.2014**

**Condition No 1.10 of Stage III EC dated 06.08.2024**

**SOLAR WORKS IN PROGRESS:**



**26 MW Floating Solar works in progress. Planned to be commissioned by June 2026**

**SOLAR PV INSTALLED AT NTPC SIPAT:**

A total of 1333 KWp Solar PV is installed at NTPC Sipat. Additionally, contract is awarded for installation of 26 MW floating Solar and 2.3 MW ground mounted solar PV.

**160 KWp Roof Top Solar PV plant was inaugurated on 07.11.2025:**



**1) Stadium gallery – 40 KWp**

**2) Mangal Bhavan 30 KWp**



3) Hospital 30 KWp



4) Shopping Complex – 30 KWp



5) Vaishali club 30 KWp

**50 KWp Roof Top Solar Panels at Simulator building in service since 2020:**



**50 KWp Roof top solar at Regional Learning Centre in service since 2020:**



**100 KWp Ground mounted Solar Panels at Kalaniketan since 2024:**



Solar Powered LED Street Lighting at NTPC Sipat Township



**Attachment to condition No 1.12 of EC Stage III Amendment dated 06.08.2024**

**PHOTOGRAPHS OF E-VEHICLES AT NTPC SIPAT**

**E- Forklifts in service:**

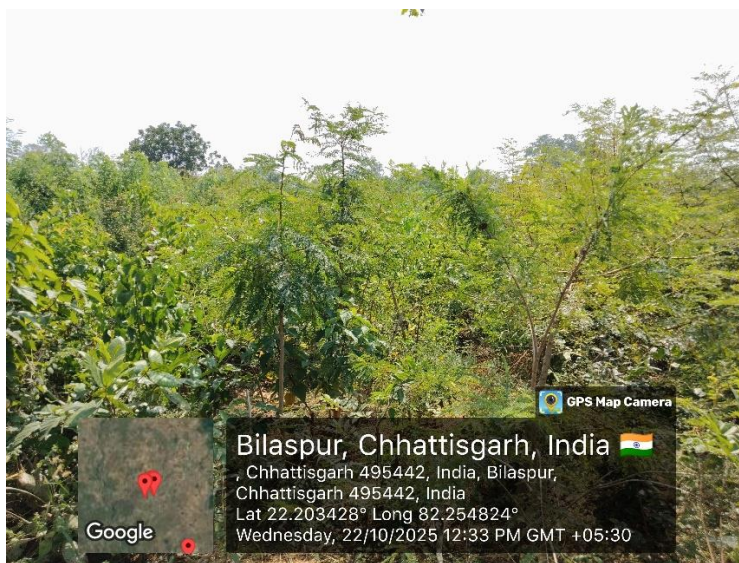
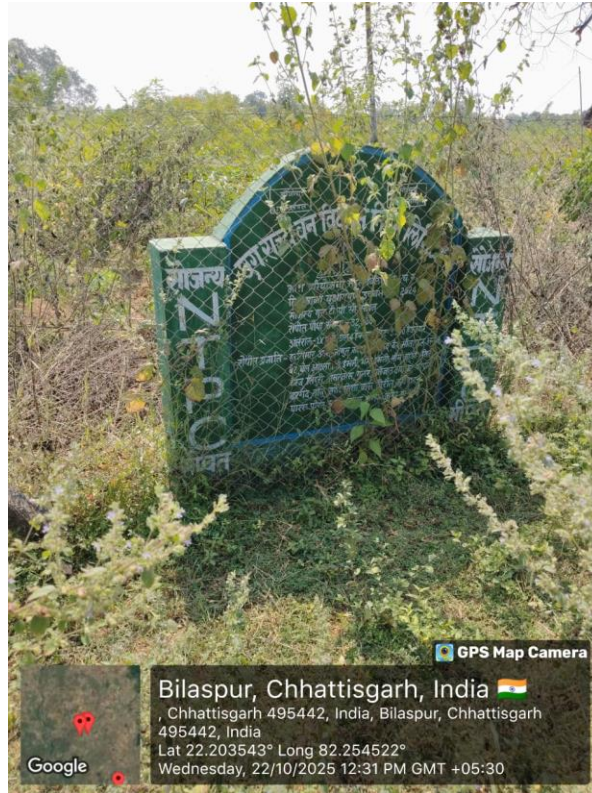


**E-Vehicles in service Feb 2026:**



**Attachment to Stage III EC Condition No 1.13**

**MIYAWAKI PLANTATION OF 32,000 NUMBERS OF TREES PLANTED BY NTPC  
SIPAT AT UCHCHBATTI, BILASPUR DISTRICT**



**Photos of Uchchbatti plantation taken in October 2025**



## GAP PLANTATION AT NTPC SIPAT IN 2025-26



## GAP PLANTATION AT NTPC SIPAT IN 2025-26



### PLANTATION IN BARELI VILLAGE



**Attachment to Condition No 1.19 of Stage III EC dt 06.08.2024**

**ROAD SWEEPING MACHINE AT NTPC SIPAT**

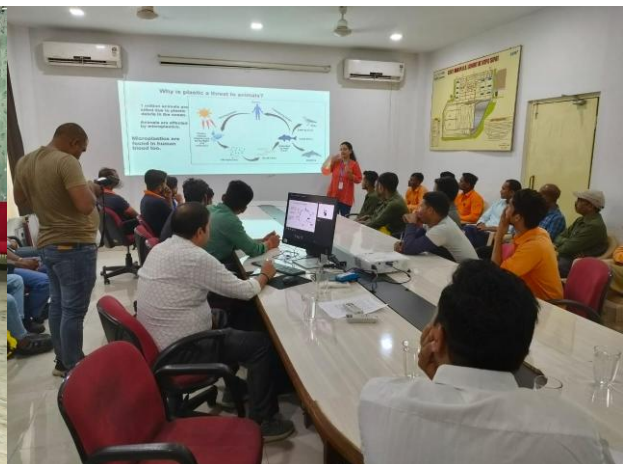
**In service since August 2025**



Attachment to Condition No 1.26 of Stage III EC dt 06.08.2024

**AWARENESS ON SINGLE USE PLASTIC BAN AT NTPC SIPAT**

Various competitions and talks on Plastic Prevention in 2025-26:



**Reusable Mutipurpose bags distributed to all employees of NTPC Sipat in 2025-26**



Annexure to EC stage III condition No. 1.26  
**SINGLE USE PLASTIC BANNED AT NTPC SIPAT**



**Jute bags were distributed to all employees during Environment Day 2024.**

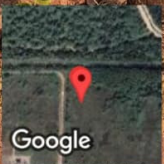


**Dustbins are distributed to households to ensure source segregation at source.**



**Awareness walkathon conducted for banning single use plastic.**

**Attachment to Stage III EC Condition No 1.27**  
**GAP PLANTATION AT NTPC SIPAT IN 2025-26**



**Bilaspur, Chhattisgarh, India**  
 Ntpc Plant Rd, Chhattisgarh 495555, India, Bilaspur, Chhattisgarh 495555, India  
 Lat 22.140034° Long 82.29475°  
 Friday, 07/11/2025 08:01 AM GMT +05:30



**Ntpc Township, Chhattisgarh, India**  
 48q4+3vj, Ntpc Twp, Chhattisgarh 495555, India, Ntpc Township, Chhattisgarh 495555, India  
 Lat 22.137763° Long 82.307503°  
 27/08/2025 11:56 AM GMT +05:30



**Ntpc Township, Chhattisgarh, India**  
 48p4+ffv, Ntpc Twp, Chhattisgarh 495555, India, Ntpc Township, Chhattisgarh 495555, India  
 Lat 22.136513° Long 82.306782°  
 01/09/2025 04:43 PM GMT +05:30



## Attachment to EC stage III condition No 2.3

**Status of Public hearing issues**

SI No	Activity	Status as on 13.05.2026
1	Medical Infrastructure in PHC, Sipat	PO awarded for Rs 58.43 Lakhs for purchase of necessary materials and equipments for PHC Sipat Ist installment of Rs. 46.74 Lakhs released to Collector, Bilaspur. Work in progress
2	Taekwondo Promotion in Janji village	Activity completed and Tournament also completed. 1.92 lakhs Taekwondo items provided to Janji as per their requirement.
3	Developing Health infrastructure	PO awarded for Rs 15.00 Lakhs for purchase of Delivery Vaccine Van and full payment released to Collector, Bilaspur
		10 nos Blood Donation Couches provided to CIMS, Bilaspur for an amount of Rs.4.0 lakhs
		PO awarded for Rs.292.05 lakhs for procurement of Medical Equipment for CIMS, Bilaspur. Ist installment of Rs 233.64 Lakhs released to Collector, Bilaspur. Inauguration done on 26.04.2026
		PO awarded of Rs 558.71 Lakhs for the enhancement of the Medical Infrastructure at KSSSDSJJ Govt. Super Specialty Hospital, Bilaspur. Ist installment of Rs 341.00 Lakhs released and Inauguration done on 26.04.2026
		PO awarded of Rs 1.72 Lakhs for 03 seater Benches(10 nos) and 02 nos water Cooler for PHC Sipat Handover to be done
4	Conduct of Medical Camps	Mobile Medical Unit is operational covering 36 project affected villages. Mobile Medical Unit has qualified doctor, pharmacist, nurses and paramedical staff. It provides free consultation, medicines and pahological testing. Dengue, Malaria, Diarrhoea Health Awareness camps and Anaemia detection and prevention camps have been organized in project affected villages.
5	Renovation of School in Eramshahi village	In-principle approval obtained for construction of new school building because renovation of existing school building is not possible. Drawing released. Under PR preparation
		PO awarded of Rs 61.01 Lakhs for installation of 08 nos Smart Class Infrastructure and 02 nos Smart Podiums completed in MLS Govt PG College Sipats. Work completed
		PO awarded of Rs 27.56 Lakhs for supply and installation of 300 sets Classroom Furniture to MLS Govt PG College, Sipat. Work completed
		PO awarded of Rs 10.31 Lakhs for Construction of new Anganwadi Centre no. 28 at Hardivishal village Construction completed and handed over to Sarpanch of Eramshahi village

SI No	Activity	Status as on 13.05.2026
6	Development of School Education Infrastructure in affected villages	PO awarded of Rs 18.72 Lakhs for 250 nos two seater bench desk for Government schools of affected villages. Installation completed
		PO awarded of Rs 29.83 Lakhs for Construction of Additional class room in Prarthmikshala in Ramtarai, Ratija and Madhyamikshala in village Ratija. Work in progress
		PO awarded of Rs 17.17 Lakhs for Construction of meeting room and stage in Govt Madhyamik school in Utarda village. Work in progress
		In-principle approval obtained for construction of cultural stage in Janji village. Under PR preparation
7	Skill Development/Vocational Training	One batch training of Machine Operator Assistant - Injunction MouldngTtrade completed through CIPET Korba amounting Rs. 7.56 lakhs. 16 participants have been issued offers of appointment in various companies.
		Training completed for Sustainable Livelihoods through Entrepreneurship Training Interventions through EDII Ahmedabad amounting Rs. 13.98 lakhs. 02 Women SHGs formed and 02 nos Shops allotted in Townshiop Shopping Centre
		PO awarded of Rs 25.25 Lakhs for Skill Development Training Programs in 02 Trades through CIPET Korba for Youths from Nearby Project-Affected Villages. Inauguaration done on 17.04.2026
		PO awarded of Rs 28.72 Lakhs for Setting up of Spice Enterprise Unit by Self Help Groups of Karra village through M/s NABFOUNDATION, Mumbai. Work in progress
8	Drinking Water	PO awarded of Rs 15.88 Lakhs for piped drinking water supply arrangement in Darripara mohalla of village Rank. Work in progress.
		PO awarded of Rs 18.51 Lakhs for Drinking water supply arrangement at Naiyapara mohalla in village Rank. Work completed and handover done.
		Installation of 03 nos bore wells along with motor pump system in Janji village completed and handed over to Sarpanch of Janji village amounting Rs. 9.91 lakhs.
		Deployment of water tankers for providing drinking water in village Darrabhata. Work completed amounting Rs.7.36 lakhs
		Deployment of water tankers for providing drinking water in village Janji. Work completed amounting Rs.4.93 lakhs
		Deployment of water tankers for providing drinking water in village Kaudiya. Work completed amounting Rs.5.53 lakhs

SI No	Activity	Status as on 13.05.2026
		<p>Deployment of water tankers for providing drinking water in village Sipat. Work completed amounting Rs.6.19 lakhs</p> <p>PO awarded of Rs 2.05 Lakhs for drinking water and water connection in toilet of Govt Primary, middle and High School, Janji. Work completed</p> <p>PO awarded of Rs 38.45 Lakhs for deployment of drinking water tanker in nearby villages - Kaudiya, Janji, Sipat, Gatoura, Raliya, Karra, Darrabhatha, Rank. Work in progress</p>
9	Development of Pond/Pond Rejuvenation	<p>PO awarded of Rs 20.00 lakhs for development of Pond, pitching work and ghat construction in Panbhariya Talaab in Kaudiya village. Work Completed</p> <p>PO awarded of Rs 25.54 Lakhs for development of Pond, deepening, pitching and ghat construction work in Balabad Talaab in Deori village. Work Completed.</p> <p>PO awarded of Rs 28.89 Lakhs for development of Pond, deepening, pitching and ghat construction in Amha &amp; Rani Sagar Talab in Janji village. Work completed</p> <p>PO awarded of Rs 18.49 Lakhs for development of Pond, deepening, pitching and ghat construction, paver blocks from berm of road to embankment of Bandhwa Talaab (towards Deori village side)(Part-I).Work completed.</p> <p>PO awarded of Rs 39.75 lakhs for Beautification, Area Development, Park Development, Community Toilet etc at Ghat of Bandhwa Talab (Part-II). Work in progress</p> <p>PO awarded of Rs 24.62 Lakhs for Pachri and Pitching in Rajiv Mission Talab and Naya Talab in Karra village (03 Ponds). Work completed.</p> <p>PO awarded of Rs 26.61 Lakhs for development of Pond in Eramshahi village. Work completed.</p> <p>PR raised of Rs 27.67 Lakhs for development of Pond, deepening, pitching and ghat construction, Beautification of Baldev Pond located at Nawadih chowk, Sipat. Under tendering</p> <p>In-principle approval obtained for Rejuvenation of Ramsagar pond in Deori village. Under PR preparation</p> <p>In-principle approval obtained for Rejuvenation of Charyarimura Pond in Jhanjh village. Under PR preparation</p>
		<p>PO awarded of Rs 10.79 Lakhs for construction of Community Toilet in Rank village. Work completed and handed over to Garm Panchayat, Rank</p>

SI No	Activity	Status as on 13.05.2026
10	Community Toilet Infrastructure	Toilet in Govt Higher Secondary School, Darrabhata village Work completed and handedover to School (10.00 lakhs) PR raised of Rs 51.28 Lakhs for construction of community toilets in Luthra Sharif Dargah, Luthra
11	Renewable Energy	PO awarded of Rs 103.33 Lakhs for Installation of 22 nos Solar High Mast Lights through CREDA. Work completed PO awarded of Rs 46.97 Lakhs for installation of 10 nos Solar High Mast Lights through CREDA. Work completed. PO awarded of Rs 75.15 Lakhs for installation of 16 nos Solar High Mast Lights through CREDA in project affected villages. Work in progress. PO awarded of Rs 88.77 Lakhs for installation of Solar High Mast in village Sipat. PO awarded of Rs 1.57 Lakhs for procurement of E-Cart (for Garbage Disposal) at Luthra Sharif Dargah. E-Cart handedover to Intezamiya Committee Luthra Sharif Dargah.
12	Infrastructure development	PO awarded of Rs 57.39 Lakhs for construction of road from Bazaar Chowk to Lilagarh River in Darrabhata village. Work completed. PO awarded for construction of cremation shed in Mukti Dham near Limahi Talab in village Sipat. Work completed. (Amounting Rs 15.24 Lakhs) PO awarded for construction of boundary wall of Muktidham in Anusuchit Jati Mohala in Deori vilage. Work completed (Amounting Rs 39.04 Lakhs) PO awarded for boundary wall construction of Gauthan in Janji village. Work completed (Amounting Rs 20.97 Lakhs) PO awarded of Rs 44.86 Lakhs for construction of CC road from Nawadih Chowk to Mant Ram Sidar House vis Mata Choura Mandir and required Drainage System in village Sipat. Work completed PO awarded of Rs 71.84 Lakhs for construction of CC road in village Janji and Sipat. Work completed. PO awarded of Rs 19.44 Lakhs for construction of CC Roads in Gataura village. Work completed. PO awarded of Rs 35.99 Lakhs for laying of CC road from Sahka Ram house to NH Road and Mata choura to Purana Bazar in Raliya village. Work completed.

SI No	Activity	Status as on 13.05.2026
12	Infrastructure development	PO awarded of Rs 33.40 Lakhs for construction of CC road from Raliya village towards Jayram Nagar
		PO awarded of Rs 17.87 Lakhs for Construction of CC Road in Sipat village. Work completed
		PO awarded of Rs 51.38 Lakhs for construction of CC road in village Karra. Work in progress
		PO awarded for Boundary wall construction in village Karra. Work completed (Amounting Rs 26.15 Lakhs)
		PO awarded of Rs 49.41 Lakhs for reconstruction of V.R.B. (culvert) near village Gatoura at RD 33015 meter on the left bank canal of Kharang reservoir on deposit basis. Work in progress.
		PO awarded of Rs 10.52 Lakhs for Construction of CC approach road in village Kaudia Work completed.
		PO awarded of Rs 38.65 Lakhs for construction of CC Road in Rank village (work completed)
		PO awarded of Rs 30.17 Lakhs for construction of CC Road in Kaudiya, Janji, Khamhariya and Darrabhata
		PO awarded for Boundary wall construction in Muktidham Sankarpara at Koudiya village. Work completed (Amounting Rs 31.63 Lakhs)
		PO awarded of Rs 47.86 Lakhs for construction of Community Hall in Karra Village Work in progress.
		Repair of road work in village Darrabhata through Collector Bilaspur (21.77 lakhs). Work completed.
		PO awarded of Rs 27.41 Lakhs for Construction of CC roads in Chainpur village. Work in progress.
		PO awarded of Rs 29.18 Lakhs for construction of Muktidham Boundary Wall and Welcome gate in village Dhangawan
		PO awarded for repair of market shed at Deori village. Work completed (Amounting Rs 1.36 Lakhs)
PO awarded of Rs 23.19 Lakhs for Construction of Boundary wall & levelling work at Shivghat Lilagar River in village Renki. Work in progress		
PO awarded of Rs 25.00 Lakhs for contrsuction of Kitchen shed at CIMS Bilaspur Premise near to the old kitchen shed		

SI No	Activity	Status as on 13.05.2026
12	Infrastructure development	PO awarded of Rs 39.60 Lakhs for Construction of stage Shed, Open Shed and Cycle stand in Swami Atmanand Government English Medium School, Sipat. Work in progress
		PO awarded of Rs 37.74 Lakhs for construction of CC Road, Muktidham shed and Muktidham Boundary wall in village Raliya. Work in progress
		PR raised of Rs 51.28 Lakhs for Renovation of community building at Sipat , Jhanji & Koudiya village. Under Tendering stage
		PR raised of Rs 50.94 Lakhs for Renovation of community building at Gatoura , Ralliya & Deori village. Under Tendering stage
		PR raised of Rs 13.10 Lakhs for Construction of shed at Ambedkar chowk in Janji village. Under tendering
		PR raised of Rs 24.22 Lakhs for Construction of RCC Drain and levelling work of Amba bazar in village Nevsa. Work in progress
		PR raised of Rs 98.26 Lakhs for Construction of CC Road with drain in Gatoura village
		PR raised of Rs 19.15 Lakhs for Construction of CC Road in Kaudiya village. Under tendering
		PR raised of Rs 22.45 Lakhs for Construction of CC Road in Janji village. Under tendering
		Construction of Culvert in Darrabhata village. In-principle approval obtained. site visit to be done.
		Construction of community building in Rank village - In-principle approval obtained. Clearance regarding land awaited from Sarpanch Rank
		In-principle approval obtained for Construction of CC Roads in Rank village. Under PR preparation
		In-principle approval obtained for Construction of CC Roads in Deori village. Under PR preparation
		Stadium at Sipat - In-principle approval obtained. Clearance from Sarpanch Sipat and Principal MLS Govt PG College awaited.
		Mini Stadium at Baniyadih -In-principle approval obtained. Site visit to be conducted for Drawing and Estimate preparation. However, Sarpanch clearance on land availability awaited.

SI No	Activity	Status as on 13.05.2026
13	Sports Promotion	Support of Rs 4.40 Lakhs to Collector Bilaspur for organizing 68th National Baseball school sports competition 2024
		Support of Rs 15.00 Lakhs to Collector Bilaspur for Organizing Sansad Khel Mahotsav 2025 in Bilaspur District.
		Support of Rs 7.00 Lakhs for Organizing the 24th & 25th State Level Shaley Sports Competition (2024 & 2025)
		PO awarded of Rs 11.58 Lakhs to Collector Bilaspur for organizing State-Level Sports activities for Divyang Children. Complete payment released.
		PO awarded of Rs 1.50 Lakhs for organizing inter village Kabaddi Tournament at B. R. Ambedkar Stadium under Sansad Khel Mahotsav. Tournament completed
		Support of Rs.8.00 lakhs to Collector Bilaspur for organizing special Olympic Bharat Chhattisgarh National Bocce Competition for sportspersons with Intellectual Disabilities
		Support of Rs 2.00 Lakhs for Chhattisgarh Kabaddi Premier League (Men) 2025
		Support of Rs 2.00 Lakhs provided for organizing “All India Hockey Women and State Level Men’s Competition 2025
		Support of Rs 1.20 Lakhs for Shri Uttam Kumar Sahu, who has been selected to participate in the SBKF International Games 2025, to be held in Pokhara, Nepal.
		Support of Rs 10.00 Lakhs for organizing T-20 Cricket Tournament at Bilaspur
		PO awarded of Rs 20.88 Lakhs for play equipments in Primary schools of project affected villages.
14	Rainwater harvesting in Public Buildings	PO awarded of Rs 81.73 Lakhs for Construction of Rainwater harvesting system in public buildings at nearby villages. Work in progress
15	Other Activities	PO awarded of Rs 7.99 Lakhs for Providing Financial Support for 1000 nos. of Helmets to SP Bilaspur for State Road Safety Month 2025. Work Completed.
		Support of Rs 3.00 Lakhs for organizing the Annual Urs Program 2025 of Hazrat Baba Sayyad Insan Ali Shah at Luthra Sharif
		Support of Rs 5.0 Lakhs to Collector Bilaspur for National Dance & Music festival Virasat by Kala Vikas Kendra Bilaspur
		Support of Rs 25.00 Lakhs for for cultural program during Rajyotsav 2024 & 2025

पत्र क्रमांक: RITES/PU-BSP/NTPC-Sipat/MGR/2024-25/ 1248

दिनांक: 27.12.2024.

To  
AGM (MGR-Maint)  
NTPC Sipat, STPS  
Sipat, Bilaspur- (C.G.)

**विषय:** Criteria for provision of underpass to eliminate the manned level crossing and Feasibility of construction of underpass on NTPC owned PSNG – GTW rail section

**संदर्भ:** 1) NTPC Letter no:- SIPAT/MGR/Civil/2024-25/Janji LC Under Pass dated 11.11.2024.

**आदरणीयमहोदय,**

With reference to above subject and letter referred at sr. no. (1) above, regarding Criteria for provision of underpass to eliminate the manned level crossing and Feasibility of construction of underpass on NTPC owned PSNG – GTW rail section, the following are put up for consideration please.

- 1) As per IRPWM-2024 **Para 920: Elimination of Level Crossing** – A detailed review/survey of the existing level crossings should be carried out with a view to eliminate them by-
  - a) Construction of Subways, along with adequate drainage arrangements.
  - b) Construction of roads along railway boundary to divert road traffic to the nearest level crossing/grade separator The roads for closure of LC gates can be diverted through existing water way bridges if the water way remaining after treating one span as closed is sufficient to cater to the requirement of design discharge.
  - c) Closure of low TVU gates,
  - d) Construction of ROB/RUB as per Para 921 below.
  - e) During execution of Gauge conversion & doubling works, etc.

- 2) As per IRPWM-2024 **para 921 Criteria for Replacement of Existing Level Crossings (other than those provided on deposit terms) with Road Over/Under Bridges on Cost Sharing Basis**

(1) Minimum Train Vehicle Units (TVU) on a Level Crossing should be 1 lakh per day to become eligible for replacement with Road Over/Under Bridges on 'Cost Sharing' basis. However, this could be relaxed in the following cases :

- a) Suburban sections having high frequency of train services; and
- b) Near stations where detentions to road traffic are very high on account of either shunting operations or multi-directional receipt/dispatch of trains or stabling of trains etc.

Transforming to GREEN

*[Handwritten Signature]*  
27/12/2024

**परियोजना इकाई कार्यालय:** राइट्स लिमिटेड, जॉब इंकलेव के पास, द राइटर्स,द्वितीय एवं तृतीय तल ,राजकिशोर नगर, सीपत रोड, बिलासपुर-495006  
**Project Unit office:** RITES Ltd, In besides of Job Enclave, The writers, 2<sup>nd</sup> and 3<sup>rd</sup> Floor, Rajkishore Nagar, Seepat Road, Bilaspur-495006

**East Coast Regional Office:** Unit No.1122-1132,11th Floor,DLF Cyber City,Infocity Road, Chandaka Industrial,Bhubaneshwar-751024

**पूर्वी तट क्षेत्रीय कार्यालय:** 11वीं मंजिल,यू.नंबर 1122-1132,डीएलएफ साइबर सिटी, पटिया,भुवनेश्वर-751024

**कॉर्पोरेट कार्यालय:** शिखर, प्लॉट नंबर 01, सेक्टर-29,गुरुग्राम-122001,Corporate Office: Shikhar, Plot No.01, Sector-29,Gurugram-122001,

**पंजीकृत कार्यालय:** स्कोप मीनार, कोर-1,लक्ष्मी नगर, दिल्ली-110092, Regd. Office: Scope Minar, Core- 1,Laxmi Nagar,Delhi- 110092

**CIN: L74899DL 1974GOI007227**

- (2) Preference should be given to the Level Crossings located on trunk routes vis-à-vis those located on branch lines. **In any case, minimum number of times the level crossing is required to be closed against the road traffic should at least be 12 times per day.**
- 3) Provisions of RUB for crossing railway track is a simple and cost-effective solution for elimination of Level crossing (Manned/Unmanned) for safe operations of train traffic and generally being adopted for low TVU level crossings, its usefulness for heavily trafficked roads also exists. However, main cause of complaints has been reported for water-logging of RUBs during monsoon. These can be overcome by Properly designed arrangements of cross drains, drains, sump etc and plan for pumping in the event of water logging to make RUB/Underpass free from water logging.
- 4) As per latest Railway board guideline vide letter no: 2021/W-I/Genl/Gatishakti (e-3378115) New Delhi, Dated: 18 .08.2023, No Level crossing shall be planned in a New Line Project.

From the above, it lies with the decision of Management and requirement of elimination of Level Crossing based on the importance, and priority for safe movement of Train traffic, whether LC shall be continued or replaced with Underpass. However, for construction of Underpass/LHS (Low Height Subway/RUB) a detailed survey is required for feasibility study for providing the replacement of LC by Suitable underpass (LHS/RUB/ROB). On hearing you, RITES will submit offer for feasibility study for underpass on existing NTPC owned Railway siding i.e. PSNG – GTW section under Bilaspur division of SECR.

धन्यवाद

भवदीय

  
27/12/2024

विनोद कुमार

संयुक्त महाप्रबंधक (सिविल)

राइट्स लिमिटेड, परियोजना इकाई- बिलासपुर

संलग्न : As above.

प्रतिलिपि: 1) G.M. (P)/PU Head/RITES/PU-BSP- for kind information please.

*Transforming to GREEN*

परियोजना इकाई कार्यालय: राइट्स लिमिटेड, जॉब इंकलेव के पास, द राइट्स, द्वितीय एवं तृतीय तल, राजकिशोर नगर, सीपत रोड, बिलासपुर-495006  
Project Unit office: RITES Ltd, In besides of Job Enclave, The writers, 2<sup>nd</sup> and 3<sup>rd</sup> Floor, Rajkishore Nagar, Seepat Road, Bilaspur-495006

East Coast Regional Office: Unit No.1122-1132, 11th Floor, DLF Cyber City, Infocity Road, Chandaka Industrial, Bhubaneswar-751024

पूर्वी तट क्षेत्रीय कार्यालय: 11वीं मंजिल, यू नंबर 1122-1132, डीएलएफ साइबर सिटी, पटिया, भुवनेश्वर-751024

कॉर्पोरेट कार्यालय: शिखर, प्लॉट नंबर 01, सेक्टर-29, गुरुग्राम-122001, Corporate Office: Shikhar, Plot No.01, Sector-29, Gurugram-122001,

पंजीकृत कार्यालय: स्कोप मीनार, कोर-1, लक्ष्मी नगर, दिल्ली-110092, Regd. Office: Scope Minar, Core- 1, Laxmi Nagar, Delhi- 110092

CIN: L74899DL 1974GOI007227

- (3) Speed breakers should be constructed with suitable material depending on the type of road and traffic. On berms and un-metalled roads, the speed breakers should be supported on proper base of compacted road metal.

#### **917 Census of Traffic at Level Crossings –**

- (1) Periodical census of traffic at all level crossings shall be taken once every three years. This shall be carried out for 7 days and total Train Vehicle Units (TVUs)/Day (Train Units × Road Vehicle Units) are worked out. Train, road vehicle, bullock carts and tongas being considered as one unit, cycle rickshaw/auto rickshaw being considered as half unit and motorized two wheelers being considered as 0.25 unit. The census shall be carried out by a multi-disciplinary inspectorial team consisting of representative of Engineering, S&T and Traffic Departments. The mechanism shall be setup by the Divisional Railway Manager to ensure that the representatives are present for the census by laying down advance timetable for carrying out of census of level crossings.
- (2) In the case of manned level crossings, the periodical census should be substituted by a census-cum-job analysis so as to avail of the opportunity of checking up the adequacy of men on consideration of Hours of Employment Regulations.

#### **918 Track Structure at Level Crossings (*Back to Para 318, 715*)**

- (1) Rail joints should be avoided in check rails and on the running rails, within the level crossings and three metres on either side from the end of level crossing.
- (2) In the case of SWR, the short-welded panel may be continued through the level crossing, avoiding fish plated joint on the level crossing and within six metres from the end of level crossing.
- (3) The level crossing should not fall within the breathing length of LWR.
- (4) Concrete sleepers to relevant RDSO drawings along with fittings should be provided at LC Gate.

#### **919 Level Crossings on National Highways/State Highways and Other Important Roads.**

- (1) In case of National Highway/State Highways or their by passes and important city roads, no new Level Crossing to be provided and only grade separators to be provided.
- (2) In case of the important roads, it is preferable to provide grade separators. However, depending upon the traffic density envisaged, manned level crossings can also be considered.
- (3) Relaxation of the above (1) will require Board's prior approval.

#### **920 Elimination of Level Crossing –** A detailed review/survey of the existing level crossings should be carried out with a view to eliminate them by-

- (a) Construction of Subways, along with adequate drainage arrangements.
- (b) Construction of roads along railway boundary to divert road traffic to the nearest level crossing/grade separator – The roads for closure of LC gates can be diverted through existing water way bridges if the water way remaining after treating one span as closed is sufficient to cater to the requirement of design discharge.
- (c) Closure of low TVU gates,
- (d) Construction of ROB/RUB as per **Para 921** below.
- (e) During execution of Gauge conversion & doubling works, etc.

**921 Criteria for Replacement of Existing Level Crossings (other than those provided on deposit terms) with Road Over/Under Bridges on Cost Sharing Basis –**

- (1) Minimum Train Vehicle Units (TVU) on a Level Crossing should be 1 lakh per day to become eligible for replacement with Road Over/Under Bridges on 'Cost Sharing' basis. However, this could be relaxed in the following cases :
  - (a) Suburban sections having high frequency of train services; and
  - (b) Near stations where detentions to road traffic are very high on account of either shunting operations or multi-directional receipt/dispatch of trains or stabling of trains etc.
- (2) Preference should be given to the Level Crossings located on trunk routes vis-à-vis those located on branch lines. In any case, minimum number of times the level crossing is required to be closed against the road traffic should at least be 12 times per day.
- (3) Subject to (1) and (2) above, priority should generally be accorded by the concerned State Government giving preference to Level crossings on National/State Highways.
- (4) In case of Road Over/Under Bridges constructed in replacement of busy level crossings situated in Municipal/Corporation/ Metropolitan areas where Light Vehicular traffic is considerable and where the Railways are satisfied that closure of the level crossings would cause hardship, additional provision may be made for construction of the subway or a light Over Bridge with ramps for the use of light vehicular traffic at the time of framing the proposal for the construction of Road Over/Under Bridges. The proposals for providing the ramps/sub-way should be examined critically and should be provided for, only in the case of genuine hardships and not as a matter of course. The cost of these ramps/subway will be shared equally with the Sponsoring Authority on 50:50 basis.
- (5) Closure of the Level Crossings should be ensured before commissioning of the Road Over/Under Bridges. All such cases where State/Local Authorities do not agree to abide by this should be reported to the Railway Board promptly.
- (6) Railways may, based on specific request of concerned Road authorities, consider sharing cost of constructing new FOUR lane Road Over Bridge in lieu of level crossings having minimum TVU of 3 Lakh per day comprising not less than 6000 Road vehicle units. The cost sharing of FOUR lane Road over bridge should be resorted to only if the concerned Road authorities have converted the approach road into four lane or are simultaneously doing four laning of approach portion.

भारत सरकार GOVERNMENT OF INDIA  
रेल मंत्रालय MINISTRY OF RAILWAYS  
(रेलवे बोर्ड RAILWAY BOARD)

No: 2021/W-I/Genl/Gatishakti (e-3378115)

New Delhi, Dated: 18.08.2023

The General Manager,  
All Indian Railways

**Sub: Level Crossings on New Line/Gauge Conversion/Doubling/Multi Tracking projects.**

**Ref: (i) Board's Letter No. 2019/W1/Genl./land-LC dated 10/06/2019.**


**(ii) Board's Letter No. 2017/CE-IV/LX/Misc./244 (LCs) Pt. dated 02/03/2023.**

The policy for level crossings on New line/Gauge conversion/Doubling/Multi tracking projects is modified as below:-

- i. **New Line Project:-** No Level crossing shall be planned in a New Line Project.
- ii. **Doubling/Multitracking Project:-** Existing LCs may be planned for elimination with ROB/RUB if project viability is not affected i.e. FIRR remains above hurdle rate of 10%. Otherwise, elimination of balance LCs should be planned under PH-30 (ROB/RUB works).
- iii. **Gauge Conversion Project:-** As these projects are sanctioned under Uni-gauge policy, all LCs may be planned for elimination with ROB/RUB. However, RUBs shall be planned only when no substantial increase in earthwork is involved. Otherwise, ROB can be planned based on cost benefit analysis.
- iv. **For ongoing projects:-** ROB/RUB can be provided to eliminate level crossings by revising the estimate of the ongoing project, if the formation level permits its construction without any substantial raising or lowering, else these ROB/RUBs can be sanctioned separately under PH-30. Such revision in estimate shall not be treated as material modification.
- v. Elimination of Level Crossing shall not be linked with commissioning of doubling/ multi tracking.

The Zonal Railways are advised to prepare the detailed project reports (DPR) of projects accordingly. This supersedes all previous instructions on the subject.

This issues with the concurrence of Finance Dte. and approval of Board (MI, MF and CRB & CEO).

  
(Abhishek Jagawat)  
Jt. Director/Gati Shakti (Civil)-II  
Railway Board

**Copy to:**

1. The PFAs, All Indian Railways & Production Units:
2. All CAO/C of Indian Railways.
3. All DRMs of Indian Railways.
4. Dy. Comptroller and Auditor General of India (Railways), Room No.224, Rail Bhawan, New Delhi.

  
For Member (Finance), Railway Board

**Copy to:**

1. The ADAI (Railways). New Delhi
2. The Director of Audit, All Indian Railways
3. The Director, Indian Railway Institute of Civil Engineering, Pune.
4. The Director. Indian Railway Institute of Mechanical and Electrical Engineering, Jamalpur.
5. The Director, Indian Railway Institute of Signal Engineering and Telecommunications. Secunderabad.
6. The Director, Indian Railway Institute of Electrical Engineering, Nasik.
7. The Executive Director, Indian Railways Centre for Advanced Maintenance Technology, Gwalior.
8. The Director, Indian Railway Institute of Transport Management, Lucknow.
9. The Registrar, Railway Claims Tribunal, Delhi.
10. The Chief Commissioner of Railway Safety, Lucknow.
11. The Secretary, Railway Rates Tribunal, Chennai.
12. The Chairman, Railway Recruitment Board, Ahmedabad, Ajmer. Allahabad, Bangalore, Bhopal, Bhubaneshwar, Chandigarh, Chennai, Gorakhpur, Guwahati, Jammu & Srinagar, Kolkata, Malda, Mumbai, Muzaffarpur, Patna, Ranchi, Secunderabad and Trivandrum.
13. Managing Director, CRIS, Chanakyapuri, New Delhi.

**Copy to:**

1. The Genl. Secy., AIRF, Room No. 248 & NFIR Room No. 256-C, Rail Bhavan
2. The Secy. Genl.. IRPOF, Room No. 268, FROA, Room No. 256-D & AIRPFA, Room No. 256-D Rail Bhavan

**Copy to:**

1. Advisor to MR, EDPG to MR, OSD to MR, EDPG to MOS(D), EDPG to MOS(J)
2. PSO/Sr. PPS CRB, Member (Finance), Member (Infra), Member (TRS), Member(O&BD), Secy, DG (RHS), DG (RPF)
3. All AMs, Principal Executive Director & Expecutive Directors of Railway Board.



# भारतीय विमानपत्तन प्राधिकरण AIRPORTS AUTHORITY OF INDIA

BILA/EAST/B/121524/1417380

**मालिक का नाम एवं पता** NTPC Limited **दिनांक/DATE:** 17-12-2024  
 NTPC Ltd, Sipat Super Thermal Power Station,  
**OWNERS Name & Address** PO Ujjwal Nagar, NTPC Sipat, Village Janji,  
 UpTehsil Sipat, District Bilaspur, Chhattisgarh **वैधता/ Valid Up to:** 16-12-2032  
 495555, India

## ऊँचाई की अनुमति हेतु अनापत्ति प्रमाण पत्र(एनओसी) No Objection Certificate for Height Clearance

1) यह अनापत्ति प्रमाण पत्र भारतीय विमानपत्तन प्राधिकरण (भाविप्रा) द्वारा प्रदत्त दायित्वों के अनुक्रम तथा सुरक्षित एवं नियमित विमान प्रचालन हेतु भारत सरकार (नागर विमानन मंत्रालय) की अधिसूचना जी. एस. आर. 751 (ई) दिनांक 30 सितम्बर, 2015, जी. एस. आर. 770 (ई) दिनांक 17 दिसंबर 2020 द्वारा संशोधित, के प्रावधानों के अंतर्गत दिया जाता है।

1. This NOC is issued by Airports Authority of India (AAI) in pursuance of responsibility conferred by and as per the provisions of Govt. of India (Ministry of Civil Aviation) order GSR751 (E) dated 30th Sep.2015 amended by GSR770(E) dated 17th Dec 2020 for safe and Regular Aircraft Operations.

2) इस कार्यालय को निम्नलिखित विवरण के अनुसार प्रस्तावित संरचना के निर्माण पर कोई आपत्ति नहीं है।

2. This office has no objection to the construction of the proposed structure as per the following details:

अनापत्ति प्रमाणपत्र आईडी / NOC ID	BILA/EAST/B/121524/1417380
आवेदक का नाम / Applicant Name*	Vijay Pratap
स्थल का पता / Site Address*	Sipat Super Thermal Power Project, Stage-III (1x800 MW), Chimney at Plot No. 1059,1060,1061 and 1062, Village Janji, UpTehsil Sipat, District Bilaspur, Chhattisgarh-495555,Janji/Sipat,Bilaspur,Chhattisgarh
स्थल के निर्देशांक / Site Coordinates*	22 07 17.42N 82 17 06.44E, 22 07 19.70N 82 17 06.49E, 22 07 17.37N 82 17 08.88E, 22 07 19.65N 82 17 08.93E
स्थल की ऊँचाई एएमएसएल मीटर में (औसतन समुद्र तल से ऊपर), (जैसा आवेदक द्वारा उपलब्ध कराया गया) / Site Elevation in mtrs AMSL as submitted by Applicant*	282.61 M
अनुमन्य अधिकतम ऊँचाई एएमएसएल मीटर में (औसतन समुद्र तल से ऊपर) / Permissible Top Elevation in mtrs Above Mean Sea Level(AMSL)	561.11 M

**\* जैसा आवेदक द्वारा उपलब्ध कराया गया / As provided by applicant\***

3) यह अनापत्ति प्रमाण पत्र निम्नलिखित नियम व शर्तों के अधीन है: -

3. **This NOC is subject to the terms and conditions as given below:**

क) आवेदक द्वारा उपलब्ध कराए गए स्थल की ऊँचाई तथा निर्देशांक को, प्रस्तावित संरचना हेतु अनुमन्य अधिकतम ऊँचाई जारी करने के लिए प्रयोग किया गया है। भारतीय विमान पत्तन प्राधिकरण, आवेदक द्वारा उपलब्ध कराये गए स्थल की ऊँचाई तथा निर्देशांक की यथार्थता का ना तो उत्तरदायित्व वहन करता है, और ना ही इनको प्रमाणीकृत करता है। यदि किसी भी स्तर पर यह पता चलता है कि वास्तविक विवरण, आवेदक द्वारा उपलब्ध कराए गए विवरण से भिन्न है, तो यह अनापत्ति प्रमाण पत्र अमान्य माना जाएगा तथा कानूनी कार्यवाही की जाएगी। सम्बंधित विमान क्षेत्र के प्रभारी अधिकारी द्वारा एयरक्राफ्ट नियम 1994 (भवन, वृक्षों आदि के कारण अवरोध का विध्वंस) के अधीन कार्यवाही की जायगी।

a. Permissible Top elevation has been issued on the basis of Site coordinates and Site Elevation submitted by Applicant. AAI neither owns the responsibility nor authenticates the correctness of the site coordinates & site elevation provided by the applicant. If at any stage it is established that the actual data is different, this NOC will stand null and void and action will be taken as per law. The officer in-charge of the concerned aerodrome may initiate action under the Aircraft (Demolition of Obstruction caused by Buildings and Trees etc.) Rules, 1994”.

ख) अनापत्ति प्रमाण पत्र के आवेदन में आवेदक द्वारा उपलब्ध कराए गए स्थल निर्देशांक को सड़क दृश्य मानचित्र और उपग्रह मानचित्र पर अंकित किया गया है जैसा कि अनुलग्नक में दिखाया गया है। आवेदक / मालिक यह सुनिश्चित करे कि अंकित किए गए निर्देशांक उसके स्थल से मेल खाते हैं। किसी भी विसंगति के मामले में, नामित अधिकारी को अनापत्ति प्रमाण पत्र रद्द करने के लिए अनुरोध किया जाएगा।

b. The Site coordinates as provided by the applicant in the NOC application has been plotted on the street view map and satellite map as shown in ANNEXURE. Applicant/Owner to ensure that the plotted coordinates corresponds to his/her site. In case of any discrepancy, Designated Officer shall be requested for cancellation of the NOC.

ग) एयरपोर्ट संचालक या उनके नामित प्रतिनिधि, अनापत्ति प्रमाण पत्र नियमों और शर्तों का अनुपालन सुनिश्चित करने के लिए स्थल (आवेदक या मालिक के साथ पूर्व समन्वय के साथ) का दौरा कर सकते हैं।

c. Airport Operator or his designated representative may visit the site (with prior coordination with applicant or owner) to ensure that NOC terms & conditions are complied with.

घ) संरचना की ऊँचाई (सुपर स्ट्रक्चर सहित) की गणना अनुमन्य अधिकतम ऊँचाई (ए एम एस एल) से स्थल की ऊँचाई को घटाकर की जायेगी। अर्थात्, संरचना की अधिकतम ऊँचाई = अनुमन्य अधिकतम ऊँचाई (-) स्थल की ऊँचाई।

d. The Structure height (including any superstructure) shall be calculated by subtracting the Site elevation in AMSL from the Permissible Top Elevation in AMSL i.e. Maximum Structure Height = Permissible Top Elevation minus (-) Site Elevation.

च) अनापत्ति प्रमाण पत्र जारी करना, भारतीय एयरक्राफ्ट एक्ट 1934, के सैक्शन 9-A तथा इसके अंतर्गत समय-समय पर जारी अधिसूचनाएं तथा एयरक्राफ्ट नियम (1994 भवन, वृक्षों आदि के कारण अवरोध का विध्वंस) के अधीन है।

e. The issue of the 'NOC' is further subject to the provisions of Section 9-A of the Indian Aircraft Act, 1934 and any notifications issued there under from time to time including, “The Aircraft (Demolition of Obstruction caused by Buildings and Trees etc.) Rules, 1994”.

छ) कोई भी रेडियो/ टीवी एन्टीना, लाइटनिंग अरेस्टर, सीढिया, मुमटी, पानी की टंकी अथवा कोई अन्य वस्तु तथा किसी भी प्रकार के संलग्नक उपस्कर पैरा 2 में उल्लेखित अनुमन्य अधिकतम ऊँचाई से ऊपर नहीं जानी चाहिए।

f. No radio/TV Antenna, lightening arresters, staircase, Mumty, Overhead water tank or any other object and attachments of fixtures of any kind shall project above the Permissible Top Elevation as indicated in para 2.

- ज) विमानक्षेत्र संदर्भ बिंदु के 8 KM के भीतर तेल, बिजली या किसी अन्य ईंधन का उपयोग जो उड़ान संचालन के लिए धुएं का खतरा पैदा नहीं करता है, ही मान्य है।  
g. Use of oil, electric or any other fuel which does not create smoke hazard for flight operation is obligatory, within 8 KM of the Aerodrome Reference Point
- झ) यह प्रमाणपत्र इसके जारी होने की तारीख से 8 साल की अवधि के लिए वैध है, तथा उक्त प्रमाणपत्र जारी करने की तारीख से अधिकतम बारह साल की अवधि के लिए बढ़ाया जाएगा।  
h. The certificate is valid for a period of 8 years from the date of its issue & shall be extended for a maximum period of twelve years from the date of its issue.
- ट) भवन के निर्माण के दौरान या उसके बाद किसी भी समय स्थल पर ऐसी कोई भी लाइट या लाइटो का संयोजन नहीं लगाया जाएगा जिसकी तीव्रता, आकृति या रंग के कारण वैमानिक ग्राउन्ड लाइटों के साथ भ्रम उत्पन्न हो। विमान के सुरक्षित प्रचालन को प्रभावित करने वाली कोई भी गतिविधि मान्य नहीं होगी।  
i. No light or a combination of lights which by reason of its intensity, configuration or colour may cause confusion with the aeronautical ground lights of the Airport shall be installed at the site at any time, during or after the construction of the building. No activity shall be allowed which may affect the safe operations of flights.
- ठ) आवेदक द्वारा विमानपत्तन पर या उसके आसपास विमान से उत्पन्न शोर, कंपन या विमान प्रचालन से हुई किसी भी क्षति के विरुद्ध कोई शिकायत/दावा नहीं किया जाएगा।  
j. The applicant will not complain/claim compensation against aircraft noise, vibrations, damages etc. caused by aircraft operations at or in the vicinity of the airport.
- ड) डे मार्किंग तथा सहायक विद्युत आपूर्ति सहित नाइट लाइटिंग (डीजीसीए भारत की वेबसाइट [www.dgca.nic.in](http://www.dgca.nic.in) पर उपलब्ध) नागर विमानन आवश्यकताएं श्रृंखला 'बी' पार्ट I, सैक्शन-4 के चैप्टर 6 तथा अनुलग्नक 6 में विनिर्दिष्ट दिशानिर्देशों के अनुसार उपलब्ध कराई जाएंगी।  
k. Day markings & night lighting with secondary power supply shall be provided as per the guidelines specified in chapter 6 and appendix 6 of Civil Aviation Requirement Series 'B' Part I Section 4, available on DGCA India website: [www.dgca.nic.in](http://www.dgca.nic.in)
- ढ) भवन के नक्शे के अनुमोदन सहित अन्य सभी वैधानिक अनापत्ति, संबंधित प्राधिकरणों से लेना आवेदक की जिम्मेदारी होगी, क्योंकि इस ऊँचाई हेतु अनापत्ति प्रमाणपत्र लेने का उद्देश्य सुरक्षित एवं नियमित विमान प्रचालन सुनिश्चित करना है तथा इसे भूमि के स्वामित्व आदि सहित किसी अन्य उद्देश्य/ दावे के लिए दस्तावेज के रूप में प्रयोग नहीं किया जा सकता।  
l. The applicant is responsible to obtain all other statutory clearances from the concerned authorities including the approval of building plans. This NOC for height clearances is only to ensure safe and regular aircraft operations and shall not be used as document for any other purpose/claim whatsoever, including ownership of land etc.
- ण) इस अनापत्ति प्रमाणपत्र आईडी का मूल्यांकन Bilaspur विमानक्षेत्रों के संबंध में किया गया है। यह अनापत्ति प्रमाणपत्र भारतीय विमान पत्तन प्राधिकरण के विमानक्षेत्रों और अन्य लाइसेंस प्राप्त सिविल विमानक्षेत्रों, जो जी. एस. आर. 751 (ई) जी. एस. आर. 770 (ई) द्वारा संशोधित के अनुसूची - III, अनुसूची - IV (भाग- I), अनुसूची- IV (भाग -2; केवल RCS हवाई अड्डे) और अनुसूची- VII में सूचीबद्ध हैं, के लिए जारी किया गया है।  
m. This NOC ID has been assessed with respect to the Bilaspur Airports. NOC has been issued w.r.t. the AAI Aerodromes and other licensed Civil Aerodromes as listed in Schedule - III, Schedule - IV(Part-I), Schedule- IV (Part-2; RCS Airports Only) and Schedule-VII of GSR 751(E) amended by GSR770(E)

त) यदि स्थल रक्षा विभाग के विमान क्षेत्र के अधिकार क्षेत्र में आता है, जैसा कि जीएसआर 751 (ई) की अनुसूची-V में सूचीबद्ध है, तो आवेदक को रक्षा विभाग से अलग से अनापत्ति प्रमाणपत्र लेना होता है। जीएसआर 751 (ई) जी. एस. आर. 770 (ई) द्वारा संशोधित के नियम 13 के अनुसार, आवेदकों को उन स्थलों के लिये, जो जीएसआर 751 (ई) जी. एस. आर. 770 (ई) द्वारा संशोधित के अनुसूची- IV (भाग -2; आरसीएस हवाई अड्डों के अलावा) के रूप में सूचीबद्ध बिना लाइसेंस वाले विमान क्षेत्र के अधिकार क्षेत्र में आता हैं, तो संबंधित राज्य सरकार से भी अनापत्ति प्रमाणपत्र लेने की आवश्यकता है।

n. Applicant needs to seek separate NOC from Defence, if the site lies within the jurisdiction of Defence Aerodromes as listed in Schedule – V of GSR 751 E amended by GSR770(E). As per rule 13 of GSR 751 E amended by GSR770(E), applicants also need to seek NOC from the concerned state government for sites which lies in the jurisdiction of unlicensed aerodromes as listed in Schedule-IV (Part-2; other than RCS airports) of GSR 751 E amended by GSR770(E)

थ) अनापत्ति प्रमाण पत्र (एनओसी) की किसी भी त्रुटि/व्याख्या की स्थिति में अंगरेजी अनुवाद ही मान्य होगा।


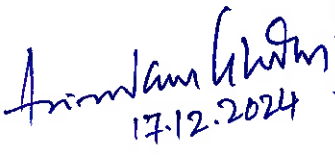

o. In case of any discrepancy/interpretation of NOC letter, English version shall be valid.

द) स्थल की ऊँचाई और/या संरचना की ऊँचाई के किसी भी विवाद में अनुमन्य अधिकतम ऊँचाई एएमएसएल में ही मान्य होगी।

p. In case of any dispute with respect to site elevation and/or AGL height, Permissible Top Elevation in AMSL shall prevail.

क्षेत्र का नाम / Region Name:

पूर्व/EAST

पदनामित अधिकारी/Designated Officer नाम/ पदनाम/दिनांक सहित हस्ताक्षर Name/Designation/Sign with date	 17/12/2024 प्रणव सरकार/Pranab Sarkar महाप्रबंधक (एटीएम) पू.क्षे. / General Manager (ATM) ER भा. वि. प्रा. / A.A.I., ने. सु. च. ब. अं. हवाई अड्डा / N.S.C.B.I. Airport कोलकाता / Kolkata 700052
द्वारा तैयार Prepared by	 17.12.2024 अरिन्दम घोष/ARINDAM GHOSH सं. महाप्रबंधक (एटीएम) पू.क्षे. / Jt. Gen. Mgr. (ATM) ER भा. वि. प्रा., पू.क्षे. / A.A.I., ER ने. सु. च. ब. अं. हवाई अड्डा / N.S.C.B.I. Airport कोलकाता / Kolkata - 700052
द्वारा जांचा गया Verified by	 17.12.2024 नसरुल्लाह भुटिया/NASRULLAH BHUTIA उप महाप्रबंधक (एटीएम) पू.क्षे. / Dy. Gen. Mgr. (ATM) ER भा. वि. प्रा., पू.क्षे. / A.A.I., ER ने. सु. च. ब. अं. हवाई अड्डा / N.S.C.B.I. Airport कोलकाता / Kolkata - 700052

ईमेल आईडी / EMAIL ID : gmatmer@aai.aero

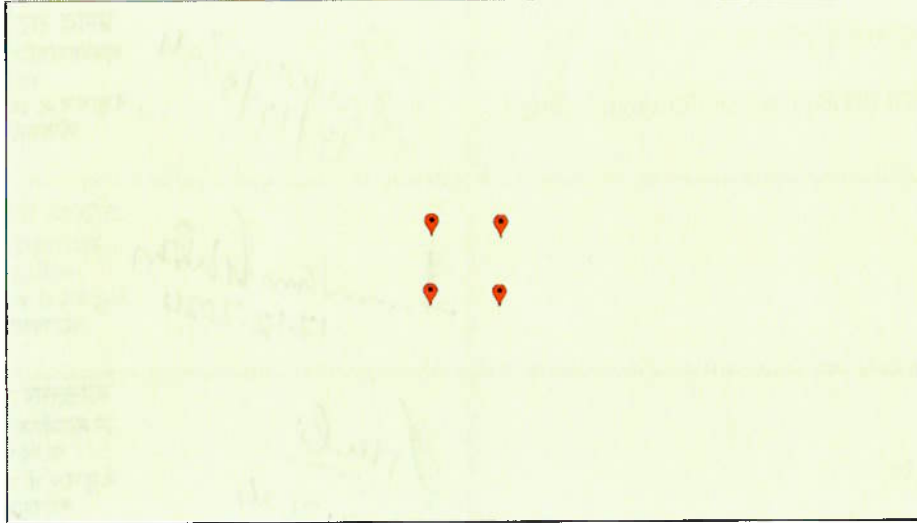
फोन/ Ph: 033-25111293

ANNEXURE/अनुलग्नक

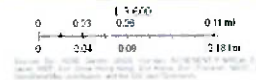
Distance From Nearest Airport And Bearing/निकटतम विमानक्षेत्र से दूरी और बीयरिंग

Airport Name/ विमानक्षेत्र का नाम	Distance (Meters) from Nearest ARP/निकटतम विमानक्षेत्र संदर्भ बिंदु से दूरी (मीटर मे)	Bearing(Degree) from Nearest ARP/निकटतम विमानक्षेत्र संदर्भ बिंदु से बीयरिंग (डिग्री)
Bilaspur	22485.45	50.75
NOCID	BILA/EAST/B/121524/1417380	

Street View



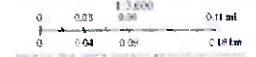
December 15 2024



Satellite View



December 15 2024



**Attachment to Condition No 6.4 of Stage III EC dt 06.08.2024**  
**RAIN WATER HARVESTING MEASURES AT NTPC SIPAT**

**Rain Water harvesting structure installed at four locations inside the plant area**



**RWH Structure near Cooling Tower 1B**



**RWH Structure near Cooling Tower 2B**



**RWH Structure near Cooling Tower 3B**

(Water is lifted from Storm water drain and used after filtration through Gravity /pressure sand Filter)

### **Pressure Sand Filter**

(Near Stage-I CW Foreway)



(Water is lifted from Storm water drain and used after Pressure sand Filter)

**Attachment to EC Stage III condition No 10.3**

**Energy Conservation Activities undertaken in 2025-26 at NTPC Sipat**

<b>SN</b>	<b>Initiative / Activity</b>	<b>Annual energy savings-MU</b>
1	Energy efficient Ash slurry Pump replaced in Stage II-Series D	0.39
2	Energy efficient Ash slurry Pump replaced in Stage II-Series C	0.40
3	TDBFP-2B Cartridge replacement to minimise MDBFP running hours for TDBFP issues	2.30
4	53KW solar PV commissioned in switchyard	0.09

MU = Million Units

Unit is Kilo Watt Hour