

JCIC/ENV-EC/333/2022

NOV 30, 2022

To

The Director,
Regional Office (Central Region),
Ministry of Environment, Forest & Climate Change,
5th floor, kendriya Bhavan
Sector H- Aliganj
Lucknow (UP) - 226024.

Sub: Submission of Six Monthly Compliance Report of Jaypee Churk Industrial Complex (A unit of Jaiprakash Associates Limited) at Village Churk, Robertsganj, Sonbhadra District (UP).

Ref: Environment Clearance granted vide letter no. J -13012/106/2009-IA.II (T) dated 18th December, 2012.

Dear Sir,

Please find enclosed herewith six monthly environment clearance compliance report of 4x60 MW Captive Thermal Power Plant & 1.0 MTPA Cement Grinding Unit of Jaypee Churk Industrial Complex (A unit of Jaiprakash Associates Limited) at Village Churk, Robertsganj, Sonbhadra District (UP) for the period of April- 2022 to September- 2022 in Soft (through e-mail) copy.

Submitted for your kind information & acknowledge please.

Thanking you,

Yours faithfully,
For **Jaypee Churk Industrial Complex**,
(A Unit of Jaiprakash Associates Ltd.)



R. N. Yadav
(Factory Manager)

Encl: As above

CC:

1. CPCB, Zonal office (North), PICUP Bhawan, Vibhuti Khand, Gomti Nagar, Lucknow (UP).
2. Member Secretary, UPPCB, Vibhuti Khand, Gomti Nagar Lucknow (UP).
3. Regional Office, UPPCB, Robertsganj, Sonbhadra (UP).



**JAYPEE CHURK INDUSTRIAL COMPLEX
(A UNIT OF JAIPRAKASH ASSOCIATES LTD.)**

**SIX MONTHLY COMPLIANCE REPORT OF
ENVIRONMENT CLEARANCE**

Name of the Project: Jaypee Churk Industrial Complex

Capacity: 4*60 MW Captive Power Plant & 1.0 MTPA
Cement Grinding Unit.

EC Letter No.: J -13012/106/ 2009-IA II (T) Dated
18.12.2012

Industry Code: 02UP301

Period of Compliance: April 2022 – September 2022

Submitted By
Jaypee Churk Industrial Complex
(A Unit of Jaiprakash Associates Limited)
Village: Churk, Tehsil: Robertsganj,
Sonbhadra District (UP)



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A. Specific Conditions		
S. No.	Conditions	Status of Compliance
1	Vision document specifying prospective plan for the site shall be formulated and submitted to regional office of ministry within 6 months.	Environment vision document has been submitted to the Regional office, MoEF & CC vide our letter no. JCIC / MoEF/ 2013/01 dated 14.08.2013.
2	Since the project proponent had started construction activity before obtaining Environment Clearance, the Uttar Pradesh Pollution Control Board has filed a Petition under section 15 of the Environment Protection Act, 1986 in the Court of Chief Judicial Magistrate, Sonbhadra on 27/09/12 under Misc. Case No. 761/2012. The Company shall comply with the orders passed by the Court of Chief Judicial Magistrate, Sonbhadra.	The Case no. 761/2012 filed by Regional Officer, Uttar Pradesh Pollution Control Board (UPPCB) in the Court of Chief Judicial Magistrate, Sonbhadra is under trial. Further, apart from proceedings going on in CJM court, JAL had pursued the matter in Hon'ble court of Allahabad which passed an order dated 04.12.2012 directing CJM court to keep the matter in abeyance.
3	Environment Clearance is subject to obtaining prior clearance from the National Board of Wild Life. The environment clearance granted does not necessarily imply that wildlife clearance shall be granted to the project. The investment made in the project, if any, based on environmental clearance granted in anticipation of the clearance from wildlife angle shall entirely be at the cost and risk of the project proponent and Ministry of Environment Forests shall not be responsible in this regard in any manner.	The matter was considered in the Standing Committee of the National Board of Wild Life and referred to Impact assessment Division/ Forest Conservation Division in light of the report of WLI on the subject. Kindly Refer to the minutes of the meeting communicated to the Principal Secretary (Forest), Govt. of UP, Vide letter no. 3334 PSF/2092 dated 16.07.2012. These minutes were considered in the 58th Expert Appraisal Committee of EIA on-8/9.10.2012 and Environment Clearance was granted after considering all aspects, facts & recommendations of the Standing Committee of the National Board of Wildlife.
4	Wildlife Conservation Plan approved by the Office of the Competent Authority shall be implemented before commissioning of the plant. Status of implementation shall be submitted to Regional Office of the Ministry.	Wildlife Conservation Plan is prepared by Dr. Jamal A. Khan, Principal Investigator, Department of Wild Life Science, Aligarh Muslim University & submitted to the Regional office, MoEF & CC vide our letter no. JCIC/MoEF/2013/01 dated 14.08. 2013 & also to the office of the Chief Wildlife Warden, Govt. of UP. The Wild Life Conservation plan has been accepted by Principle Chief Conservator of Forests, Wildlife Uttar Pradesh vide their letter No. 1210/26-11 (JP) Lucknow, dated October 10, 2011. Implementation of the plan is required to be undertaken by State Forest Department through the Divisional Forest Officer of Kaimoor Wildlife Sanctuary and to be reviewed by committee appointed by State/Central Govt. Funds will be provided by Jaiprakash Associates Limited and additional funding shall be sourced through schemes such as MNREGA. Request letter for formation of monitoring committee is

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		<p>already submitted to the Chief Wild Life Warden, Govt. of Uttar Pradesh Vide letter no. DCF/MoEF/2013 dated 12/08/2013.</p> <p>In this context the Chief Wildlife Warden, Lucknow (UP) has requested to the Director, MoEFCC, New Delhi for nomination of the member from MoEFCC for Monitoring Committee of Churk Wildlife Conservation Plan vide their letter no. /26-11 (JP Associates) Lucknow dated 15.10.2014.</p> <p>Further in this context, a request letter no.-JCIC/ENV/86/2016 dated 19.08.2016 has been submitted to Chief Wildlife Warden, Lucknow (UP) for constitution of a committee for implementation, monitoring & review of wild life conservation.</p> <p>Now, MoEF & CC has already notified the Eco-sensitive zone of 1 km all around the boundary of Kaimur Wildlife Sanctuary vide it's notification dated 20.03.2017.</p> <p>Further, Divisional Forest officer, Kaimur Wildlife division, Mirzapur, U.P., vide letter no. 2736/33-1 dated 24.03.2018 to RO UPPCB confirms that JCIC is located 1.8 KM away from the wild life sanctuary.</p>
5	Harnessing solar power within the premises of the plant particularly at available roof tops shall be undertaken and status of implementation shall be submitted periodically to the Regional Office of the Ministry.	Solar lights have been installed within the premises of the plant particularly at available roof tops.
6	Coal transportation to Plant site shall be undertaken by rail and no road transportation shall be permitted.	Agreed, Coal transportation to the Plant is being undertaken by rail.
7	Sulphur and ash contents in coal to be used in the project shall not exceed 0.6 % and 8% respectively at any given time. The Gross Calorific Value of the coal should not be less than 5300 Kcal/ Kg. In case of variation of coal quality at any point of time, fresh reference shall be made to the ministry for suitable amendments to environmental clearance condition wherever necessary.	Noted
8	Stack height of 125 m shall be provided with continuous online monitoring equipments for SO _x , NO _x and Particulate Matter. Exit velocity of flue gases shall not be less than 22m/sec. Mercury emissions from stack shall also be monitored on periodic basis.	<p>Two Stacks of 130 mtr height have been constructed. Online Continuous Emission Monitoring System (CEMS) for continuous monitoring of SO_x, NO_x & Particulate Matter have also been installed at the stacks. Continuous online monitoring data of CEMS is being uploaded at the CPCB & UPPCB server.</p> <p>Exit velocity of flue gas is being observed to be in the range of 19-21 m/s.</p> <p>Mercury in stack emission is monitored through Noida</p>

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		Testing Laboratories (UPPCB/MoEF & CC approved laboratory) having report code ST-050621-013 dated 12.06.2021. It is reported as Nil. One Stack of 70 mtr height has been constructed for Cement Grinding Unit. Online Continuous Emission Monitoring System (CEMS) for continuous monitoring of Particulate Matter has also been installed at CGU stack.																						
9	Space provision for installation of FGD shall be made.	Space has been provided for installation of Flue Gas Desulphurization unit in Plant.																						
10	Action Plan along with mitigation and management of fugitive emissions in and around coal handling plants and implementation schedule and monitoring mechanism for development of a thick three tier green belt all around plant boundary except in areas not feasible, shall be submitted to the RO of the Ministry.	Action plan to control fugitive emissions & proposal for green belt development had already been submitted to Regional office, MoEFCC vide our letter no. JCIC/MoEF/2013/01 dated 14.08.2013. Green belt development activities are going in the plant premises & township at Churk and Ghurma (company owned land) along with the project work.																						
11	The Company shall install online monitoring in the major stacks to monitor particulate emissions and monitoring Ambient Air Quality at the site. One monitoring station shall be installed adjoining the Wildlife Sanctuary to access the impacts.	Opacity meter has already been installed in the stacks for online continuous monitoring. CAAQMS has also been installed for ambient air quality monitoring at the unit.																						
12	High Efficiency Electrostatic Precipitators (ESPs) shall be installed to ensure that particulate emission from the proposed plant does not exceed 50 mg/Nm ³ .	High Efficiency Electrostatic Precipitators (ESPs) are installed at the stacks and designed to achieve particulate emissions below 50 mg/Nm ³ . Bag House is installed at CGU to achieve emission norms prescribed by CPCB & MoEF & CC. Monitoring data of Particulate matter for the period of April 2022 to September 2022 are as under. <table><tr><td rowspan="2">Units</td><td colspan="2">CPP, Stack-1</td><td>CPP, Stack-2</td><td rowspan="2">CGU Stack</td></tr><tr><td>Boiler-1</td><td>Boiler-2</td><td>Boiler-3</td></tr><tr><td>Limits mg/Nm³</td><td colspan="3">50</td><td>30</td></tr><tr><td>Average</td><td colspan="3" rowspan="3">Shutdown</td><td>18.73</td></tr><tr><td>Maximum</td><td>19.30</td></tr><tr><td>Minimum</td><td>18.40</td></tr></table>	Units	CPP, Stack-1		CPP, Stack-2	CGU Stack	Boiler-1	Boiler-2	Boiler-3	Limits mg/Nm ³	50			30	Average	Shutdown			18.73	Maximum	19.30	Minimum	18.40
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13	Bag filters shall be installed in Cement Grinding Unit and dust suppression system.	Agreed & complying. Bag filters have been installed in cement Grinding Unit and dust suppression system.																						
14	Adequate dust extraction system such as cyclones/bag filters and water spray system in dusty areas such as in coal handling and ash handling points, transfer areas and vulnerable dusty areas shall be provided.	Measures have been taken to control dust emissions from various sources are as under: <ul style="list-style-type: none">Pulse jet type Bag Filters provided at all transfer points, primary crusher, primary screen, secondary screen, fly ash silos & boiler bunkers.																						

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		<ul style="list-style-type: none"> • State of the art Dust Suppression System is installed at wagon tippler section to control fugitive emissions. It is working effectively. • Water sprinkling systems are provided at all coal conveyor belts & coal storage yard and running effectively. • Dusts collecting equipment's (Bag filters) as stated above are provided with an arrangement such that the collected material is completely recycled back into the process. • Coal is stacked into stockpiles and provisions of water sprinkling have also been made. • Regular water sprinkling is also done in other unpaved areas through pipelines & tankers for controlling the fugitive emissions. • Coal shed has been constructed for storage of the coal at the coal handling plant.
15	An amount of Rs. 223.55 crores is earmarked for pollution control equipment/measures as committed by the project proponent. Additionally an amount of Rs. 7.0 crores per annum shall be earmarked for maintenance of pollution control equipment.	<p>Agreed & Complying.</p> <p>The recurring expenditure for maintenance of pollution control equipments during April 2022 to September 2022 is Rs. 139.12 Lacs</p>
16	Utilization of 100 % Fly Ash generated shall be made from 4th year of operation of the plant. Status of implementation shall be reported to the Regional Office to the Ministry from time to time.	100 % of the fly ash generated from the Captive Power Plant is used in manufacturing of Portland Pozzolana Cement (PPC) at our Chunar Cement Factory & Churk Cement grinding unit, JCIC, Churk.
17	No mine void filling or filling up of low lying areas with fly ash shall be undertaken.	Fly ash will not be used for mine void filling or filling up of low lying areas.
18	Ash pond shall be lined with HDPE / LDPE lining or any other suitable impermeable media such that no leachate takes place at any point of time. Adequate safety measures shall also be implemented to protect the ash dyke from getting breached.	There is no provision for construction of ash dyke/pond as entire fly ash generated from the plant is being conveyed pneumatically from ESP hopper to ash silos in dry form for storage prior to its use.
19	Fugitive Emission of fly ash shall be controlled such that no agricultural or non-agricultural land is affected. Damage to any land shall be mitigated and suitable compensation provided in consultation with the local Panchayat.	Fly ash is conveying pneumatically from ESP hopper to ash silos in dry form for storage prior to its use. In built control mechanism has been provided at fly ash handling system to control fugitive emissions. Therefore, no impact of fly ash will be on agricultural or non-agricultural land.

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20	A long term study of radio activity and heavy metals contents on coal to be used shall be carried out through a reputed institute. Thereafter mechanism for an in-built continuous monitoring for radio activity and heavy metals in coal and fly ash (including bottom ash) shall be put in place.	Radioactivity test in Coal & Fly Ash sample's has been carried out through Radio analytical Laboratory, Board of Radiation and Isotope Technology (Department of Atomic Energy, Govt. of India) Heavy metal testing in Coal & Fly ash is being done through NABL accredited laboratory.
21	Continuous monitoring of heavy metals in and around the existing ash pond area shall be carried out by reputed institute like IIT, Chennai.	All the fly ash transported pneumatically from ESP hopper to the concrete silos for storage in dry form. Ash pond has not been constructed therefore, testing of heavy metals in & around ash pond is not applicable.
22	Air cooled condenser shall be installed.	Air cooled condensers has been installed.
23	No water bodies including natural drainage system in the area shall be disturbed due to activities associated with setting up/ operation of the power plant.	Agreed and complying.
24	COC of at least 5.0 shall be adopted.	COC is observed between 3-5.
25	A well designed rain water harvesting system shall be put in place which shall comprise of rain water collection from the built up and open area in plant premises. Action plan and road map for implementation shall be submitted to the Regional Office of Ministry.	Total 5 nos. rainwater recharging pits have been constructed in the township. One percolation pit is also been constructed in the township for collection & recharging of the rain water.
26	Hydrogeology of area shall be reviewed annually from an institute/ organization of repute to asses impact of surface water and ground regime (especially around ash dyke). In case any deterioration of repute to assess impact of surface water and ground regime (especially around ash dyke). In case any deterioration is observed specific mitigation measures shall be undertaken and reports/data of water quality monitored regularly and maintained shall be submitted to Regional Office of the Ministry.	Ash dyke/pond in the plant premises has not been constructed as all the fly ash is being collected pneumatically in dry form in the fly ash silos. Since there is no likelihood of ash coming in touch with the ground water therefore, no deterioration of ground & surface water regime is expected.
27	Waste water generated from the plant shall be treated before discharge to comply limits prescribed by SPCB/CPCB.	Waste water collected from the plant is being treated & all the parameters are qualifying the discharge limit of CPCB/SPCB and is fully re-used in dust suppression systems, ash quenching, horticulture activities etc.
28	Green Belt consisting of three tiers of plantations of native species around plant and at least 50m width shall be raised. Tree density shall be 2500 per ha. With	Green belt development activities are started in the plant premises & township at Churk and Ghurma (company owned land) on full fledged scale. Details of plantation done in the Plant & Township at Churk given as under:

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	survival rate not less than 80%.	Year	Total plantation	Nos. of Plant survived	Survival rate Percentage
		Opening	3566	3566	100
		2013-14	1569	1569	100
		2014-15	5237	4608	88
		2015-16	3831	3064	80
		2016-17	2250	1800	80
		2017-18	1596	1276	80
		2018-19	2500	2075	83
		2019-20	2100	1718	82
		2020-21	4100	3512	85.66
		2021-22	2400	1959	81.66
		2022-23	5000	4010	80.20
		Total	34149	29157	85.38
29	The project proponent shall also adequately contribute in the development of neighboring villages. Special package with implementation schedule for free potable drinking water supply in the nearby villages and schools shall be undertaken in a time bound manner.	To address the prime concern on development of neighboring villages, Jaypee Group has undertaken various CSR activities such as Education, Health and potable drinking water supply to the community & school. Jay Jyoti Inter College at Churk and Gurma are delivering quality education to the children's from under privileged sections of the society. To provide Health and medical services to the villagers a hospital is running at site having pathology lab, mobile medical van & ambulance. Also providing medicines free of cost to them.			
30	An amount of Rs. 5.0 Crores be earmarked as one time capital cost for CSR programme. Subsequently a recurring expenditure of Rs. 1.0 Crores per annum till the life of the plant shall be earmarked as recurring expenditure for CSR activities. Details of the activities to be undertaken shall be submitted within one month along with road map for implementation.	CSR activities are being carried out by Jaiprakash Sewa Sansthan.			
31	Additionally as committed by the project proponent Rs 3.0 Crores shall be earmarked for development of ITI at Dalla for imparting training for local people in craft for employment. An amount of Rs 7.0 Crore shall be earmarked for development of green belt and Rs 80 Lakhs per annum shall be kept as recurring expenses for green belt as committed.	ITI centre has been setup at Dalla & imparting quality education & training on various courses & modules for local People. Work on greenbelt development is under progress and in house nursery has been set up for development of saplings. Native species are being preferred for greenbelt development. Rs. 3.11 lacs have been incurred towards green belt development for the period of April 2022 to September , 2022.			
32	CSR scheme should address Public	Social audit is being carried out by Dr. Sunil Kumar,			

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	Hearing issues and shall be undertaken based on need based assessment in and around the villages within 5.0 km of the site and in constant consultation with the village panchayat and the District Administration. As part of CSR prior identification of local employable youth and eventual employment in the project after imparting relevant training shall be also undertaken.	Govt. PG College, OBRA Sonebhadra. Need based assessment is also part of the audit & is being carried out in and around 5.0 km of the site in consultation with the village panchayat. CSR activities addressing the public hearing issues mainly health services and education is being undertaken.
33	It shall be ensured that in-built monitoring mechanism for the schemes identified is in place and annual social audit shall be got done from the nearest govt. institute of repute in the region. The project proponent shall also submit the status of implementation of the scheme from time to time.	Social audit is being carried out by Dr. Sunil Kumar, Govt. PG College, OBRA Sonebhadra. Study report will be submitted to the regional office of MOEF & CC on completion.
34	An Environment Cell shall be created at the project site itself and shall be headed by an officer of appropriate seniority and qualification. It shall be ensured that the head of the Cell shall directly report to the Head of the Organization.	A separate Environmental Management cell has been set up with suitable qualified & experienced officer having appropriate experience in environment management who reports directly to the Head of the Organization.

B. General Conditions

S. No.	Conditions	Compliance Status																																				
1	The treated effluents conforming to the prescribed standards only shall be re-circulated and reuse within the plant. Arrangements shall be made that effluents and storm water do not get mixed.	Treated effluent confirming to the prescribed standards is re-circulated & reused in sprinkling at coal handling plant for dust suppression. No effluent is getting mixed with storm water.																																				
2	A sewage treatment plant shall be provided (as applicable) and the treated sewage shall be used for raising greenbelt/plantation.	<p>Sewage Treatment Plant (STP) of 300 KLD has been installed and treated water is reused in plantation/green belt development within the plant premises.</p> <p>STP analysis results for the period of April -22 to Sep-22 are as under.</p> <table><tr><th>Parameters</th><th>pH</th><th>TSS</th><th>BOD</th><th>COD</th><th>O&G</th></tr><tr><td>Standards</td><td>6.5 to 8.5</td><td>100</td><td>30</td><td>250</td><td>10</td></tr><tr><td>Unit</td><td>-</td><td>mg/l</td><td></td><td></td><td></td></tr><tr><td>Average</td><td>7.38</td><td>14.30</td><td>05.26</td><td>34.67</td><td><1.0</td></tr><tr><td>Maximum</td><td>7.52</td><td>16.30</td><td>05.68</td><td>36.00</td><td>00.00</td></tr><tr><td>Minimum</td><td>7.28</td><td>12.6</td><td>04.64</td><td>32.00</td><td>00.00</td></tr></table>	Parameters	pH	TSS	BOD	COD	O&G	Standards	6.5 to 8.5	100	30	250	10	Unit	-	mg/l				Average	7.38	14.30	05.26	34.67	<1.0	Maximum	7.52	16.30	05.68	36.00	00.00	Minimum	7.28	12.6	04.64	32.00	00.00
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3	Adequate safety measures shall be provided in the plant area to check/minimize spontaneous fires in coal yard, especially during summer season. Copy of these measures with full details along with location plant lay out shall be submitted to the Ministry as well as to the regional office of the ministry.	Safety measures are being taken at coal handling plant. Adequate Fire Fighting Equipments i.e. Fire Hydrant & Fire Extinguishers have been installed at the coal handling plant. Fire & Safety department made available with 2 nos. fire fighting tenders along with all necessary control equipments. Copy of the measures & layout has already been submitted to the Regional Office of the Ministry.														
4	Storage facilities for auxiliary liquid fuel such as LDO/HFO/LSHS shall be made in the plant area in consultation with Department of Explosives, Nagpur. Sulphur content in the liquid fuel will not exceed 0.5 %. Disaster Management Plan shall be prepared to meet any eventually in case of an accident taking place due to storage of fuel.	Approval/license for design of installations & storage of LDO/HFO/LSHS has been taken from PESO, Nagpur. LDO/HFO/LSHS properly stored in dedicated area. It is being ensured that sulphur content should be less than 0.5% in liquid fuel. An Onsite Emergency Plan including disaster management plan has been prepared & implemented covering all the eventualities in case of accident due to storage of oil. We have Licence No. P/CC/UP/14/6490 (P247498) & P/HQ/UP/15/4955(P264750) from PESO renewed up to 31.12.2022.														
5	First Aid and Sanitation arrangements shall be made for the drivers and other contract workers during construction phase.	Agreed, First Aid and Sanitation arrangements has also been provided for the drivers and other contract workers.														
6	Noise levels emanating from turbines shall be controlled such that the noise in the work zone shall be limited to 85 dB (A) from source. For people working in the high noise area, requisite personal protective equipment like earplugs/earmuffs etc. shall be provided. Workers engaged in noisy areas such as turbine area, air compressors etc shall be periodically examined to maintain audiometric record and for treatment for any hearing loss including shifting to non noisy/less noisy areas.	<p>Necessary action has been taken to maintain noise level within 85dB (A). Earplugs & Earmuffs have been provided to the employees working in high noise areas.</p> <p>Regular noise monitoring is being carried out inside the plant & monitoring values are well within the prescribed limits. Avg. workplace Noise monitoring data for the period of April – 2022 to Sept – 2022 is given as under:</p> <table><tr><th>Location</th><th>Avg. Result dB(A)</th></tr><tr><td>Outside of Compressor House</td><td>52.32</td></tr><tr><td>Turbine Floor</td><td>41.31</td></tr><tr><td>Boiler Area</td><td>50.09</td></tr><tr><td>Boiler Feed Pump Area</td><td>47.81</td></tr><tr><td>DM Plant</td><td>35.42</td></tr><tr><td>Coal Handling Plant</td><td>45.71</td></tr></table> <p>Audiometric test has been conducted for employees & workers working in high noisy areas.</p>	Location	Avg. Result dB(A)	Outside of Compressor House	52.32	Turbine Floor	41.31	Boiler Area	50.09	Boiler Feed Pump Area	47.81	DM Plant	35.42	Coal Handling Plant	45.71
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7	Regular Monitoring of ambient air ground level concentration of SO ₂ , NO _x , PM2.5 & PM10 and Hg shall be carried out in the impact zone and records maintained. If at any stage these levels are found to exceed the prescribed limits, necessary control measures shall be provided immediately. The location of monitoring stations and frequency of monitoring shall be submitted to the Regional office of Ministry. The data shall also be put on the website of the company.	Regular ambient air monitoring is being carried out in-house as well as MoEF approved laboratory & records are maintained. Monitoring reports are updated on the company's website. Avg. monitoring data for the period April 2022 to September 2022 is given as under: <table><tr><th>Locations</th><th></th><th>PM₁₀</th><th>PM2.5</th><th>SO₂</th><th>NO_x</th></tr><tr><th>Parameter</th><th></th><th colspan="4">(µg/m³)</th></tr><tr><td rowspan="3">Near Main Gate</td><td>Avg.</td><td>54.40</td><td>31.09</td><td>9.49</td><td>9.85</td></tr><tr><td>Max</td><td>56.18</td><td>32.29</td><td>9.68</td><td>10.06</td></tr><tr><td>Min</td><td>52.95</td><td>28.41</td><td>9.21</td><td>9.65</td></tr><tr><td rowspan="3">Near Store</td><td>Avg.</td><td>51.96</td><td>31.14</td><td>9.54</td><td>9.58</td></tr><tr><td>Max</td><td>53.61</td><td>35.75</td><td>10.27</td><td>9.87</td></tr><tr><td>Min</td><td>50.05</td><td>29.59</td><td>8.92</td><td>9.18</td></tr><tr><td rowspan="3">Near Rear Gate</td><td>Avg.</td><td>54.18</td><td>29.47</td><td>9.18</td><td>10.13</td></tr><tr><td>Max</td><td>59.68</td><td>31.68</td><td>9.43</td><td>11.23</td></tr><tr><td>Min</td><td>51.63</td><td>27.37</td><td>8.73</td><td>9.37</td></tr><tr><td rowspan="3">Near Dispatch Gate</td><td>Avg.</td><td>55.62</td><td>31.04</td><td>9.58</td><td>9.92</td></tr><tr><td>Max</td><td>58.27</td><td>33.72</td><td>9.76</td><td>11.89</td></tr><tr><td>Min</td><td>52.75</td><td>29.48</td><td>9.44</td><td>9.24</td></tr></table>	Locations		PM ₁₀	PM2.5	SO ₂	NO _x	Parameter		(µg/m ³)				Near Main Gate	Avg.	54.40	31.09	9.49	9.85	Max	56.18	32.29	9.68	10.06	Min	52.95	28.41	9.21	9.65	Near Store	Avg.	51.96	31.14	9.54	9.58	Max	53.61	35.75	10.27	9.87	Min	50.05	29.59	8.92	9.18	Near Rear Gate	Avg.	54.18	29.47	9.18	10.13	Max	59.68	31.68	9.43	11.23	Min	51.63	27.37	8.73	9.37	Near Dispatch Gate	Avg.	55.62	31.04	9.58	9.92	Max	58.27	33.72	9.76	11.89	Min	52.75	29.48	9.44	9.24
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8	Provision shall be made for housing of construction labour (as applicable) within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of project.	Necessary infrastructure i.e. temporary housing, mobile toilets, safe drinking water, free medical facility etc. was provided for labour during construction of the project.																																																																												
9	The project proponent shall advertise in at least two local news papers widely circulated in the region around the project, on of which shall be in the vernacular language of the locality concerned within seven days from the date of this clearance letter, informing that the project has been accorded environment clearance and copies of clearance letter are available with the State Pollution Control Board/Committee and may also be seen at Website of the Ministry of Environment and Forests at http:// envfor.nic.in .	Agreed & Complied. The public notice has been given in two news papers viz. Rashtriya Sahara on 10/01/2013 & in Times of India on 12/01/2013.																																																																												
10	A copy of clearance letter shall be sent by the proponent to concerned panchayat, Zila Parisad/ Municipal Corporation, urban local body and the local NGO, if any, received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.	Copy of Environment Clearance has been submitted to the concerned authorities & the same is also uploaded at company website.																																																																												
11	The proponent shall upload the status of	Six monthly compliance reports are being regularly																																																																												

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	compliance of the stipulated environmental clearance conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF, the respective zonal office of CPCB and SPCB. The criteria pollutant levels namely; SPM, RSPM (PM 2.5 & PM 10), SO ₂ , NO _x (ambient levels as well as stack emissions) shall be displayed at a convenient location near the main gate of the company in the public domain.	submitted to MoEF, CPCB & SPCB and the same is also uploaded on Company's website. Regular monitoring of PM10, PM2.5, SO ₂ , NO _x and stack emissions is being carried out and records are maintained. Monitoring data is being displayed at the main gate of the company in the public domain regularly.
12	The environment statement for each financial year ending 31st march in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the respective regional offices of the ministry by e-mail.	Environment statement has been submitted to UPPCB vide letter no.- JCIC/ENV/UPPCB-ES/303/2022 & 304/2022 dated 06 August, 2022 & it is also uploaded at company's website.
13	The project proponent shall submit six monthly reports on the status of the implementation of stipulated environmental safeguards to the Ministry of Environment and Forest, its Regional Office, Central Pollution Control Board and State Pollution Control Board. The project proponent shall upload the status of compliance of the environmental clearance conditions on their website and update the same periodically and simultaneously send the same by e-mail to the regional office, Ministry of Environment and Forests.	Six monthly compliance reports are being submitted to MoEF, CPCB & UPPCB on regular basis. Last compliance report submitted by e-mail on May 20, 2022 vide our letter No. JCIC/ENV-EC/328/2022 for the period of October 2021 to March 2022. It is also uploaded on the company's website: http://www.jalindia.com . Copy of the same is being submitted by e-mail to the regional office, Ministry of Environment and Forests.
14	Regional office of Ministry of Environment & Forests will monitor the implementation of the stipulated conditions. A complete set of documents including Environment Impact Assessment Report and Environment Management Plan along with the additional information submitted from time to time shall be forwarded to the Regional Office for their use during monitoring. Project proponent will upload the compliance status in the website and up-date the same from time to time at least six-monthly basis. Criteria pollutants levels including NO _x (from stack and ambient air)	Agreed & Complying. Regular monitoring of PM10, PM2.5, SO ₂ , NO _x and stack emissions is being carried out and records are maintained. Monitoring data is being displayed at the main gate of the company in the public domain regularly.

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	shall be displayed at the main gate of power plant.	
15	Separate funds shall be allocated for implementation of environmental protection measures along with item wise break-up. This cost shall be included as part of project cost. The funds earmarked for the environment protection measures shall not be diverted for other purposes and year wise expenditure should be reported to the Ministry.	Separate funds for implementation of environmental protection measures have been allocated as part of the project cost.
16	The project authorities shall inform the Regional Office as well as the Ministry regarding the date of financial closure and financial approval of the project by the project by the Concerned authorities and the dates of start of land development work and commissioning of plant.	Agreed & Complying.
17	Full cooperation shall be extended to the Scientists/Officers from the Ministry/ Regional Office of the ministry/ CPCB/SPCB who could be monitoring the compliance of environmental status.	Agreed & Complying.

Status of conditions stipulated in the Environment Clearance of Jaypee Churk Industrial Complex, Churk for the period April 2022 to September 2022

Yours faithfully,
For **Jaypee Churk Industrial Complex**,
(A Unit of Jaiprakash Associates Ltd.)



R. N. Yadav
(Factory Manager)

