

Ref /Env/04-25/ 036

Dated: 25 Apr, 2025

To,
The Deputy Director
Ministry of Environment, Forests & Climate Change
Northern Regional Office,
Bays No. 24 & 25, Sector 31- A
Chandigarh -160030

Subject: Six Monthly Compliance & Monitoring Report

Dear Sir,

Please find the enclosed herewith the six monthly compliance & monitoring report for your kind perusal.

Kindly acknowledge the receipt.

Thanking You,

Yours Faithfully,

For Kuantum Papers Ltd.



Sanjay Kumar

**Sr. General Manager
(Process QC & Environment)**

Ministry of Environment, Forests & Climate Change
Northern Regional Office,
Chandigarh - 160030
MONITORING REPORT
(Six Monthly Compliance Report - Period October 2024 to March 2025)
PART - I
DATA SHEET

1.	Project Type	Pulp and Paper Industry
2.	Name of the Project	Up gradation & Modernization in Agro Pulping capacity 165 TPD Bleached Pulp and expansion in hard wood pulping capacity (from 60 to 200 TPD Bleached pulp) conventional Chemical Recovery Plant (from 230 to 580 TPD of Black Liquor Solids) & Co-generation Plant (from 17.5 to 28 MW) at village Saila Khurd, Tehsil Garhshanker, Dist. Hoshiarpur, Punjab by M/S Kuantum Papers Ltd. (Formerly known as M/S ABC Papers Ltd.)
3.	(a) Clearance letter (s)/O.M. No. & dates	J-11011/344/2008-IA.II (I) dated 14.06.2017
	(b) Consent to operate Certificate No.	CTOW/Renewal/HSP/2023/20977178 16/03/2023 15/03/2027
	Date of Issue	CTOA/Renewal/HSP/2023/22903775
	Date of Expiry	14/08/2023 31/03/2027
4.	Location	
	a) Tehsil	Garhshanker
	b) District (s)	Hoshiarpur
	c) State (s)	Punjab
	d) Latitudes / Longitudes	
5.	Address for correspondence	
	a) Address of Concerned Project Chief Engineer (with Pin Code/Tel No./Telex/Fax No./E-mail address)	Kuantum Papers Ltd., Village - Saila Khurd,
	b) Address of Executive Project Engineer/Manager (with Pin Code/Tel No./ Telex/Fax No./E-mail address)	Tehsil - Garhshanker, Distt. - Hoshiarpur, Punjab
6.	Salient Features	
	(a) Of the project	The paper manufacturing industry is based on wood and straw pulp having recovery plants for utilization of Black Liquor. The online monitoring system has been installed.
	(b) Of the environmental management plans	
7.	Product/Process/Activity Details	Paper Pulp and Bleached Paper



8.	Production Capacity	450 TPD
9.	Break-up of project affected population	Nil
10.	Financial Details: (As reported by PP) a) Project cost as originally planned and subsequent revised estimates and the year of price reference b) Allocations made for environmental management plans with item wise and year wise break up c) Benefit cost ratio/internal rate of return and the year of assessment d) Whether © includes the cost of environmental management as shown in b) above e) Actual expenditure incurred on the project f) Actual expenditure incurred on the environmental management plans so far	a) 444 Crores & no revised b) 30 Crores c) ROI Chart Enclosed d) Separate e) 444 Crores f) 30.77 Crores (Apr 24 to Mar 25).
11.	Forest land requirement:	NA
12.	The status of clear felling in non-forest areas	NA
13.	Status of construction:	
	a) Date of commencement (actual and/or planned)	August-2018
	b) Of completion (actual and/or planned)	25 th March 2021
14.	Reasons for the delay, if the project is yet to start	NA
15.	Details of correspondence with project Authorities for obtaining act on plans/information on status of compliance to safeguards other than the routine letters for logistic support for site visits. (The first monitoring report may contain the details of all the letters issued so far, but the later reports may cover only the letter issued subsequently)	Yes



PART - II

Descriptive Report on status of compliance to conditions of Environmental Clearance issued vide letter no. J-11011/344/2008-IA.II (T) dated 14.06.2017

A	Specific Conditions	
S. No.	Condition	Compliance
i	The project proponent shall carryout analysis of AOX both in soil and water samples collected from the irrigated area periodically (once in six months) and the report of same shall be submitted to Regional Office of MoEF & CC.	<p>Complied.</p> <ul style="list-style-type: none"> • Analysis of Effluent quarterly & Soil samples are carried out from an accredited Lab on half yearly frequency. • The Report are as per the CREP Guidelines (i.e below 0.5 Kg per ton of Product.) • All results are within norms. • Reports are attached as last test done in Dec 24 Mar 25. Soil last report done in - Jan 25 at 3 Places 1 inside KPL & 02 Nos outside KPL. <p>Annexure – 1</p>
ii	The project proponent shall undertake every year, bio-accumulation study on the soils of surrounding agricultural fields with a view to ascertaining the build-up of toxic chemicals in these fields.	<p>Complied.</p> <ul style="list-style-type: none"> • The PP conducts soil analysis at regular intervals through an accredited lab on a half-yearly basis, with the last tests conducted in Jan 25. • Additionally, soil testing was carried out by Thapar Institute in May 2023 and May 2024. • Furthermore, the company also conducts soil analysis at regular intervals through <i>Krishi Vigyan Kendra</i>, Hoshiarpur, under the Punjab Agricultural University, Ludhiana. The report, issued as a "Soil Health Card," is attached, with the last test conducted in March 2025. • No toxic chemical buildup has been observed. • A bioaccumulation study will be conducted in due course and submitted accordingly <p>Annexure - 2 & Annexure - 3</p>
iii	Pet coke shall not be used in the CPP.	<p>Agreed & Complied.</p> <ul style="list-style-type: none"> • Pet coke is not used in the CPP boiler. • The CPP (Captive Power Plant) boiler operates on coal & agro-residue.
iv	The cost of the proposed 1 km length pipeline for discharge of additional treated effluent to surrounding farmers shall not be part of	<p>Agreed & Complied.</p> <p>An adequate pipeline for the discharge of treated effluent has been provided based on farmers'</p>



	proposed ESR funds.	requests. Now the current pipeline network is adequate. Currently we have 15 km of discharge pipe line as against 13 km pipe line.
v	The PP shall develop green belt in 45% of total area of the plant as proposed. The additional 3% of the plantation area proposed as a part of expansion project shall be carried along the boundary of the project with local and broad-leaved species.	Agreed & Complied. <ul style="list-style-type: none"> The company has a well-developed Green Belt area of about 117 Acres expanded throughout the plant. Annexure – 4 and Annexure - 5
vi	The PP shall adopt at least one village surrounding the project and shall prepare a comprehensive plan for development of solid waste management; education; health; skill development; Biogas generation from the composting; solar lightening; LED lightening etc. as a part of ESR.	Complied. <ul style="list-style-type: none"> The company is actively involved in the continuous development of villages surrounding the factory, focusing on education, rural development, environmental protection, and healthcare. The adopted village is Saila Khurd, with initiatives including the provision of artificial limbs, solar energy solutions, healthcare services, library facilities, road development, welfare programs, ambulance services, and wheelchairs. Annexure – 6 & Annexure – 7
vii	The PP shall ensure the reduction in specific water and power consumption and increase in the recycling of the treated effluent to minimize the discharge.	Complied. <ul style="list-style-type: none"> PP has got permission for 23500 KLD in EC. The mill water requirement has to reduce to less than 50 m³/T product as per EC. - Complied Mill is currently consuming 44 m³/T product which is well below the commitment. PP has reduced water consumption by recirculating machine water back into process areas, replacing 10% of freshwater usage. Additionally, the existing old save-all system has been utilized for clarifying machine backwater, which is then used for sealing and dilution purposes. The sealing water from the pumps is collected and recycled back to the process. The white water from paper machines is collected, treated and reused in incoming pulp dilution. A condensate polishing unit has been added to recover condensate previously lost to drains. After polishing, the recovered condensate is recycled back into the boiler, reducing freshwater



		<p>consumption and increasing overall recycling efficiency.</p> <ul style="list-style-type: none"> • Non-energy-efficient motors are being gradually replaced with IE4 models, which offer superior energy efficiency. • The requirement for high-pressure (HP) steam per ton of production has been reduced by improving boiler efficiency and plant operations. • The final treated water is reused for internal plantation irrigation and process usage, amounting to approximately 800 KLD <p>Annexure- 8, 9 & 17</p>
viii	Black Liquor shall be separately processed for recovery of energy and chemical in Chemical Recovery Process.	<p>Agreed & Complied.</p> <ul style="list-style-type: none"> • We have a dedicated and efficient Chemical Recovery Plant for managing black liquor. • The chemical recovery process recovers energy and chemicals which are being used back in the process itself. <p>Annexure- 10 & 11</p>
ix	In case of treatment process disturbances /failure of pollution control equipment adopted by the unit, the respective unit shall be shut down and shall not be re-started until the control measures are rectified and achieve the desired efficiency.	<p>Complied,</p> <ul style="list-style-type: none"> • All pollution control equipment operates continuously using power from co-generation turbines. • Additionally, we have a UPS system to ensure the uninterrupted operation of online monitoring equipment. • We are also connected to the PSPCL grid. • In the event of any failure in the treatment process, we will comply with shutting down the plant <p>Annexure - 12</p>
x	The project proponent should install 24x7 air and water monitoring devices to monitor air emission and effluent discharge and submit report to ministry and its Regional Office.	<p>Complied,</p> <ul style="list-style-type: none"> • The industry has installed Online Continuous Emission Monitoring Systems (OCEMS) at all boiler stacks and effluent discharge points to monitor emission parameters. • All air and water online monitoring devices operate continuously to track stack emissions and effluent discharge. • Data transmission to the PPCB/CPCB servers is uninterrupted. • We regularly submit analysis reports to the Regional Office at scheduled intervals.



		<ul style="list-style-type: none"> • List of Online Stack Emission Monitoring Locations: <ul style="list-style-type: none"> ○ Power Boiler No. 4 ○ Power Boiler No. 5 ○ CRP (New) ○ CRP (Old) • The effluent discharge online monitoring system is installed at the effluent discharge point. <p>Annexure – 12</p>
xi	Project proponent shall ensure that no black liquor spillage in the area of pulp mill, no use of elemental chlorine for bleaching in mill, installation of hypo preparation plant, no use of potcher washing and use of counter current or horizontal belt washers. The PP should ensure no spillage of foam in chemical recovery plant, no discharge of foul condensate generated from MEE directly to ETP in the chemical recovery process.	<p>Complied.</p> <ul style="list-style-type: none"> • No black liquor or foul condensate is discharged into the ETP. It is entirely utilized in the process. • A system developed and spill pits constructed to collect and recycle back the spilled black liquor to the recovery plant. <p>Annexure – 13</p> <p>The mill utilizes Elemental Chlorine Free (ECF) technology for bleaching operations.</p>
xii	The manufacturing process shall be with spray drying falling filter evaporation of black liquor and no black liquor in the effluent.	<p>Complied.</p> <ul style="list-style-type: none"> • No black liquor is allowed to contaminate the effluent. • All black liquor is evaporated in the Chemical Recovery Boiler. • A Falling Film Evaporator is in place to support this process. <p>Annexure - 14</p>
xiii	The project authority shall install multi cyclones, wet scrubbers to the boilers to achieve the particulate emission below 50 mg/Nm ³ . The emissions from chemical recovery section shall be controlled through primary and secondary venture scrubbers.	<p>Complied.</p> <ul style="list-style-type: none"> • The industry has installed Electrostatic Precipitators (ESPs) in all boiler stacks to control particulate emissions. • All ESPs are operating efficiently, ensuring emissions remain within the prescribed limits. • List of ESP Locations: <ul style="list-style-type: none"> 1. Power Boiler No. 4 2. Power Boiler No. 5 3. CRP (New) 4. CRP (Old) • Last testing done in Dec 2024 <p>Annexure- 15 & 19</p>



xiv	In case of treatment process disturbances / failure of pollution control equipment adopted by the unit, the respective unit shall be shut down and shall not be restarted until the control measures are rectified to achieve the desired efficiency.	Agreed & Complied. <ul style="list-style-type: none"> In the event of any treatment process failure, we will comply with shutting down the plant. However, no such failure situation has occurred.
xv	The industry shall ensure the compliance of the standards for discharge of the treated effluent from the unit as stipulated under the EP Rules or SPCB whichever is more stringent. Adequate steps including use of modern RO/UF based technologies shall be used to increase recycling and reduce water consumption.	Being Complied. The unit complies with the discharge water effluent norms. <ul style="list-style-type: none"> The mill has a HRSCC clarifier at the primary stage and a Sediment clarifier as tertiary stage to enhance water recycling and reduce water consumption. Mill Conducted pilot trial on new technologies like electro-coagulation and filtration. We are constantly working on water conservation schemes. Many innovative water conservation schemes have already been implemented and the specific water consumption is being very closely monitored. A Condensate Polishing Unit (CPU) with a capacity of 300 m³/day has been installed to further recycle water. The final treated water is being reused in the process, with a utilization of 800–1000 m³/day. The mill has obtained surface water usage permission from Kandi canal. Mill is now using the surface water as per the availability to reduce the dependency on the ground water since May 2024. Annexure- 17, 18 & 19
xvi	Ground water quality study in and around the project area shall be conducted every 6 months and report submitted to Ministry's Regional Office, SPCB and CPCB.	<ul style="list-style-type: none"> Groundwater quality in and around the company is tested half-yearly by an NABL-accredited laboratory, and reports are submitted to PPCB. The groundwater testing was conducted in Jan 25 at three locations- one inside KPL and two outside KPL. All parameters are under norms. Annexure- 20
xvii	The project authority disposes of hazardous waste as per the provision of Hazardous Wastes and Other Waste (Management and Transboundary Movement) Rules, 2016	Complied. <ul style="list-style-type: none"> The company disposes of its waste in compliance with the provisions of the Hazardous Wastes and Other Wastes (Management and Transboundary Movement) Rules, 2016.



		<ul style="list-style-type: none"> We hold a membership with TSDF for the timely disposal of waste. Waste generation and disposal records are communicated to PPCB every month. Monthly hazardous waste records are maintained in Form-3, while annual hazardous waste records are reported as in Form-4. <p>Annexure- 21</p>
xviii	The company shall develop green belt in 33% of the total land as per the CPCB guidelines to mitigate the effect of fugitive emissions.	<p>Complied.</p> <ul style="list-style-type: none"> The company has a well-developed Green Belt area of about 117 Acres expanded throughout the plant. <p>Annexure- 22</p>
xix	Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.	<p>Complied.</p> <ul style="list-style-type: none"> KPL has a fully equipped Occupational Health Center (OHC) within the mill premises. The OHC is staffed by qualified doctors and supported by paramedical personnel. As part of routine and annual medical examinations for mill workers, a comprehensive health surveillance program is implemented. Medical examination records are maintained in accordance with the Factory Act and the health surveillance scheme. The company monitors the health of its workers at regular intervals. <p>Annexure- 23 & 24</p>
xx	The company shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling.	<p>Complied.</p> <ul style="list-style-type: none"> Our fire safety infrastructure includes a network of 113 fire hydrant points, 651 fire extinguishers, and 2 fire tenders, ensuring prompt response to any potential fire hazards. <p>Annexure- 25</p>
xxi	All the recommendations made in the Charter on Corporate Responsibility for Environment Protection (CREP) for the pulp and paper sector shall be strictly implemented.	<p>Company is Complying in accordance to Charter on Corporate Responsibility for Environment Protection (CREP) guidelines.</p> <p>S.No/ CREP Requirements / Compliance Status</p> <ol style="list-style-type: none"> Discharge of AO Kg/T of product < 1.0 Kg/T of product: Complied. Using ECF Bleaching Installation of Lime Kiln for lime sludge management; Complied. Waste Water Discharge < 100 m3/T of product: Complied.



		<p>4. Colour removal from the effluent: complied. Treated clear water is discharged for irrigation purpose.</p> <p>5 Utilization of treated effluent for irrigation: Complied. Treated effluent is used for irrigation by nearby farmers as per Irrigation Management Plan and inside for the plantation/green belt.</p> <p>6 Odour control by burning reduced sulphur emissions in the boiler/lime kiln: Complied.</p> <p>7 Upgradation of ETP so as to meet discharge standards: Complied.</p>									
xxii	All the commitments made to the public during the Public Hearing/Public Consultation meeting shall be satisfactorily implemented and a separate budget for implementing the same shall be allocated and information submitted to the Ministry's Regional Office.	<p>Complied,</p> <ul style="list-style-type: none"> All commitments made during the Public Hearing have been fulfilled, including the provision of drinking water, expansion of irrigation pipelines, implementation of the Agro-Social Forestry scheme, soil testing, installation of a screw press, and development of vermicomposting. <p>Annexure – 26</p>									
xxiii	Provisions shall be made for the housing of construction labour 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 the project.	Since the project was completed, this requirement is no longer applicable									
xxiv	At least 2.5% of the total cost of the project shall be earmarked towards the enterprise social commitment based on public hearing issues, local need and item wise details along with time bound action plan shall be prepared and submitted to the Ministry's Regional Office. Implementation of such program shall be ensured by constituting Committee comprising of the proponent, representative of village Panchayat and district administration action taken report in this regard shall be submitted to the Ministry's Regional Office.	<p>Complied.</p> <p>An amount of Rs.842.50 lacs (2.5% of the total project cost i.e. Rs.337.06 crores) was earmarked towards the enterprise social commitment based on public hearing issues. Annexure – 27</p> <table border="1"> <thead> <tr> <th>Annexure</th><th>Particular</th><th>Rs./lacs</th></tr> </thead> <tbody> <tr> <td>27a</td><td>Statement of ESC recommended by Deputy Commissioner, Hoshiarpur. (Incurred Rs 54.51 lacs and to be incurred Rs.177.49 lacs)</td><td>232.00</td></tr> <tr> <td>27b</td><td>Statement of ESC Recommended by Principal Secretary, Department of Water resources, Govt of Punjab and already incurred.</td><td>47.13</td></tr> </tbody> </table>	Annexure	Particular	Rs./lacs	27a	Statement of ESC recommended by Deputy Commissioner, Hoshiarpur. (Incurred Rs 54.51 lacs and to be incurred Rs.177.49 lacs)	232.00	27b	Statement of ESC Recommended by Principal Secretary, Department of Water resources, Govt of Punjab and already incurred.	47.13
Annexure	Particular	Rs./lacs									
27a	Statement of ESC recommended by Deputy Commissioner, Hoshiarpur. (Incurred Rs 54.51 lacs and to be incurred Rs.177.49 lacs)	232.00									
27b	Statement of ESC Recommended by Principal Secretary, Department of Water resources, Govt of Punjab and already incurred.	47.13									



		27c	Statement of ESC incurred on Social Forestry and infrastructure development	473.65	
		27d	Statement on ESC to be incurred on various ongoing projects.	89.72	
			Total	842.50	
xxv	<p>The proponent shall prepare a detail CSR Plan for every year for the next 5 years for the existing – cum – expansion project, which includes village wise, sector wise (Health, Education, Sanitation, Health Skill Development and infrastructure requirement such as strengthening of village roads, avenue plantation, etc.) activities in consultation with the local communities and administration. The CSR Plan will include the amount of 2% retain annual profits as provided for in clause 135 of the Company Act, 2013 which provides for 2% of the average net profit of previous 3 years towards CSR Activities for life of the project. A separate budget head shall be created and the annual capital and life of the project. A separate project head shall be created and the annual capital and revenue expenditure on various activities of the plan shall be submitted as part of the revenue expenditure on various activities of the plan shall be submitted as part of compliance report to RO. The details of the CSR Plan shall also be uploaded on the company website and shall also be provided in the annual report of the company. The plan so prepared shall be based on SMART (Specific, Measurable, Achievable, Relevant and time bound) concept. The expenditure should be aimed at sustainable development and direct free distribution and temporary relief should not be included.</p>	<p>Complied.</p> <p>The company has a well-defined CSR plan in accordance with Clause 135 of the Companies Act, 2013, covering key areas such as healthcare, education, sanitation, skill development, and infrastructure development, including roads and avenue plantation. Details of these initiatives are published annually in the company's Annual Report. A summary of expenditures on these activities over the past few years is provided in</p> <p>Next 5-Year Plan:</p> <p>The company aims to continue and expand its CSR initiatives with a focus on:</p> <ul style="list-style-type: none"> • Enhancing healthcare services, including mobile medical units and health camps. • Strengthening education programs through scholarships and infrastructure development in schools. • Expanding sanitation and hygiene awareness campaigns. • Supporting skill development programs to improve employability. • Further improving rural infrastructure, including roads and water conservation projects. <p>These initiatives will be aligned with the company's long-term commitment to sustainable community development</p> <p>Annexure – 28 & 29.</p>			



xxvi	Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile TP, safe drinking water, health care, crèche etc. The housing may be in the form of the temporary structures to be removed after the completion of the project.	Not Applicable, already complied during the project phase.
B General Conditions		
S. No.	Condition	Compliance
i	The project authorities must strictly adhere to the stipulations made by the concerned SPCB and the State Government.	Complied. <ul style="list-style-type: none"> The mill complies with all the conditions stipulated in the Consent to Operate (CTO) granted by the Punjab Pollution Control Board. Annexure – 30a, 30b & 30c
ii	No further expansions or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forest & Climate Change.	Agreed & complied. <ul style="list-style-type: none"> The project proponent (PP) ensures that no expansions or modifications are carried out without obtaining prior approval.
iii	At least four ambient air quality monitoring stations should be established in the downward direction as well as where maximum ground level concentration of PM-10, PM-2.5, SO ₂ and NO _x are anticipated in consultation with SPCB. Data on ambient air quality and stack emission shall be regularly submitted to this Ministry including its Regional Office at Chennai & the SPCB/CPCB once in 6 months.	Five ambient air monitoring stations have been established and are regularly monitored by an NABL-accredited laboratory. These stations are following PPCB consent conditions, and test reports are enclosed. The monitoring locations are as follows- <ol style="list-style-type: none"> 1. Factory boundary wall near Jassowal village (Sarkanda Yard) 2. Factory boundary wall near WTP Plant 3. Factory boundary wall near Guest House 4. Factory gate near Petrol Pump 5. Admin Block near Garden Annexure – 30
iv	Industrial waste water shall be properly collected, treated to conform to the standards prescribed under GSR (E) dated 19.05.1993 or as amended from time to time. The treated waste water shall be utilized for plantation purpose.	Complied. <ul style="list-style-type: none"> As per the EC conditions the permitted quantity of 18,500 m³/day, whereas total wastewater generation in the existing scenario is 17,114 m³/Day from industrial and domestic. We have ETP of installed capacity 30,000 m³/day.



		<ul style="list-style-type: none"> We have a fully functional Effluent Treatment Plant (ETP). In ETP, there are two types of streams are coming which identified as a, <ol style="list-style-type: none"> Low COD stream High COD stream <p>The Low COD streams (PM-1,2,3,4 & recovery boiler & PCC pulp tank) goes under aerobic treatment which consists of primary, secondary (ASP, activated sludge process) & tertiary treatment.</p> <p>The High COD streams (Wet washing) goes under anaerobic treatment which consists of UASB,</p> <p>Secondary treatment (pre-aeration & ASP) & tertiary treatment.</p> Final treated effluent is used for plantation and irrigation purpose. Water Balance diagram is attached herewith as Annexure – 32a as per the site visit observation report F.No.:5-169/2009/RO(NZ)/eFile, dated-09.04.2025. Water analysis reports, tested by an NABL-accredited laboratory are attached for reference. <p>Annexure – 1 , 31, 32 & 32a.</p>
v	The overall noise levels in and around the plant area shall be kept well within the standards [85dB(A)] by the providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of the noise generation. The ambient noise levels should conform to the standards prescribed under EPA rules, 1989 viz. 75 dB (A) during day time and 70 dB(A) during night time.	<p>Complied</p> <ul style="list-style-type: none"> The company conducts ambient noise level monitoring in and around the premises every six months. The last tests were conducted in June 2024, Sep 2024, and Dec 2024. Additionally, noise monitoring was carried out in July 2024 and Jan 2025 at three locations- one inside KPL and two outside KPL. <p>Annexure- 33</p>
vi	Occupational health surveillance of the workers shall be done on a regular basis and reports maintained as per Factories Act.	<p>Complied.</p> <ul style="list-style-type: none"> The company has a well-furnished Occupational health center on its premises. We conduct Occupational health surveillance of the workers on a regular basis. <p>Annexure- 23 & 24</p>
vii	The company shall develop rainwater harvesting structures to harvest the rainwater throughout utilization in the lean season besides recharging the ground water table.	<p>Complied.</p> <ul style="list-style-type: none"> Company has developed RWH systems at different locations as per the guidelines. <p>Annexure- 34</p>



viii	The project proponent shall also comply with all environmental protection measures and safeguards recommended in the EIA/EMP report, further the company must undertake socio-economic development activities in the surrounding villages like communities development programs, educational programs, drinking water supply and health care etc.	<p>Complied.</p> <ul style="list-style-type: none"> The Project Proponent (PP) has fully complied with the environmental protection measures and safeguards recommended in the EIA/EMP report. <p>Annexure – 30a, 30b & 30c</p> <ul style="list-style-type: none"> Additionally, socio-economic development activities have been undertaken in the surrounding villages as part of the company's commitment to sustainable growth. <p>Annexure – 28 & 29</p>
ix	Requisite funds shall be earmarked towards capital cost and recurring cost/annum for environment pollution control measures to implement the conditions stipulated by the MoEF & CC as well as State Government. An implementation schedule for implementing all the conditions stipulated here in shall be submitted to the concerned Regional Office of the Ministry. The funds so provided shall not be diverted for any other purpose.	<p>Complied.</p> <ul style="list-style-type: none"> The PP has incurred Rs.184 lacs on capital items against stipulated Rs.158 crores and recurring cost related to pollution control measures are being incurred more than Rs.30 crores every year, in compliance with the conditions stipulated by the MoEF&CC and the State Government. These funds have been utilized exclusively for their intended purpose. <p>Annexure – 35 & 35a</p>
x	A copy of clearance letter shall be sent by the proponent to concerned Panchayat, Zilla parishad / Municipal corporation, Urban local body and the local NGO, if any from whom suggestions/representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the company by the proponent.	<p>Complied.</p> <p>Not Applicable, already complied during the project phase.</p>
xi	The project proponent shall upload the status of the compliance of the stipulated environment clearance conditions, including results of monitored data on the website and shall update the same periodically. It shall simultaneously be sent to the concerned Regional Office of the MoEF & CC. The respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely PM-10, SO ₂ , NO _x (ambient levels as well as stack emissions) or critical sectorial parameters, indicated for the projects shall be monitored and displayed at a convenient location near the Main Gate of the company in the Public Domain.	<p>Complied.</p> <p>The project proponent has uploaded the status of the compliance of the stipulated environment clearance conditions, including the results of monitored data. Web address: https://www.kuantumpapers.com/compliance-reports/</p> <p>Annexure – 30, 36 & 37</p>
xii	The project proponent shall also submit 6 monthly reports on the status of the compliance of the stipulated environmental conditions	<ul style="list-style-type: none"> The company submits the Six-Monthly Compliance Report to the Regional Office



	including results of monitored data (both in hard copies as well as by email) to the Regional Office of the MoEF & CC, the respective Zonal Office of CPCB and the SPCB. The Regional office of this Ministry at Chandigarh/CPCB/SPCB shall monitor the stipulated conditions.	of MoEF&CC at regular intervals, both in hard copy and via email. • The last compliance report was submitted on 29/10/2024 , vide Ref. No - Envvt/10-24/25387 . Annexure-38
xiii	The environmental statement for financial year ending 31 st 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 the compliance of the environmental conditions and shall also be sent to the respective Regional Office of the MoEF & CC by email.	Complied. • The Environmental Statement (Form-V) is submitted annually at the end of the financial year, concluding on March 31. • The latest Form-V was filed on 29/06/2024 , vide Reference No. Admin/06-24/23445 . Annexure – 39
xiv	The project proponent shall inform the Public 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 MoEF & CC at http://envfor.nic.in . This shall be advertised within 7 days from the date of issue of the clearance letter, at least in 2 local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and a copy of the same should be forwarded to the concerned Regional Office.	Not Applicable, already complied during the project phase.
xv	Project authorities shall inform the Regional Office as well as the Ministry, the date of Financial Closure and the final approval of the project by the concerned authorities and the date of commencing the land development work.	NA. Already complied during the project phase.
xvi	The Industry shall make & maintain the water sprinkling system provided for suppression of dust due to vehicle movement in coal handling plant etc. The industry maintain arrangements to avoid flow of fuel ash with sprinkling of water etc.	Complied • We have implemented adequate measures to control particulate and dust pollutants across various sections of our company. • Our pollution control systems include Bag Filters, Curtains, Electrostatic Precipitators (ESPs), and Water Sprinkling Arrangements. Additionally, we have Water Spraying Jets, Tanker-Based Water Sprinkling, and Mist Cannons strategically placed at different locations within the premises.



		<ul style="list-style-type: none"> A Dust Extraction System is installed at critical points, including the coal crusher, coal bunker, fly ash silo, and transfer points, ensuring effective dust control. Annexure – 40 & 41
xvii	The Industry shall get the ground water samples analyzed regularly & submit report to the Board.	<p>Complied</p> <p>Groundwater samples in and around the factory premises are regularly analysed by an NABL-accredited laboratory and submitted to the Board. The last test was done on Dec 24. The soil report was conducted on Jan 25 at 3 Places: 1 inside KPL and 02 outside KPL.</p> Annexure - 20 & 42
xviii	The industry shall provide proper coverage over the rice husk storage to avoid the flow of rice husk in the nearby vicinities.	<p>Complied</p> <p>In our company, we have a covered area for storing rice husks. We have also installed a water sprinkler.</p> Annexure – 43

Remarks:

Last “Six Monthly Compliance Report” submitted on dated 29.10.2024 vide Letter **Ref No. - Env/10-24/25387**. Copy of aforesaid report is attached herewith as Annexure-38 above.

