

COMPLIANCE REPORT OF ENVIRONMENTAL CLEARANCE
FOR THE PERIOD OF APRIL -2014 TO SEPTEMBER-2014

Name of The Company: M/s. Kohinoor Pulp & Paper Pvt. Ltd.

Project : Proposed 250 TPD paper plant along with 10 MW co-generation power plant at Industrial Growth Centre, Matia, District Goalpara, Assam.

Environmental Clearance Letter : No. J-11011/735/2009-IA II (I), Dated September 3rd, 2012.

A. Specific conditions: -

S.N.	CONDITIONS	REMARKS
i.	The project authority shall install ESP 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 ventury scrubbers. Water sprinklers/ fogging/ mist will be installed to control fugitive emissions at unloading of raw materials.	- Installation of ESP to the boiler is under process to achieve the particulate emission below 50mg/Nm ³ . - The emission from chemical recovery section shall be controlled through ESP. Water sprinklers/ fogging/ mist will be installed to control fugitive emissions at unloading of raw materials.
ii.	Data on ambient air, stack and fugitive emissions shall be regularly submitted online to Ministry's Regional office at Shillong, SPCB and CPCB as well as hard copy once in six months and display data on PM, SO ₂ and NO _x outside the premises at the appropriate place for the general public.	-Monitoring data of ambient air, and fugitive emissions are being submitted regularly to Ministry's Regional office at Shillong, SPCB and CPCB as well as hard copy once in six months and a copy of monitoring reports are enclosed as Annexure-I .
iii.	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.	Will be complied. Agreed with.
iv.	The water requirement shall not exceed 18,000 m ³ /day. The industry shall ensure the compliance of the standards for discharge of the treated effluent from the unit as stipulated under the EPA rules or SPCB whichever is more stringent. The company shall make efforts to limit the water consumption upto 75m ³ /ton of product. Adequate steps including use of modern RO/UF based technologies shall be used to increase recycling and reduce water consumption.	Will be complied.

S.N.	CONDITIONS	REMARKS
V	Adequate number of influent and effluent quality monitoring stations shall be set up in consultation with the State Pollution Control Board and regular monitoring shall be carried out for all relevant parameters to maintain the effluent treatment efficiency. The report shall be submitted to Ministry's Regional Office at Shillong, SPCB and CPCB.	Will be complied.
vi.	The company shall install Oxygen Delignification (ODL) Plant and shall maintain AOX below 1 kg/ton of paper production.	Will be complied.
vii.	ECF technology shall be adopted and lime klin shall be installed to manage lime sludge. NCG collection & burning system shall be installed.	-We shall adopt the ECF technology and a lime klin will be installed to manage lime sludge. -Also We shall provide NCG collection & burning system will be installed.
viii.	The ash generated from the plant shall be disposed of in accordance with the provisions of the Fly Ash Notification, 2003 as amended in 2009.	Shall be complied.
ix.	The project authority shall dispose of hazardous waste as per provision of Hazardous Wastes (Management, Handling and Transboundary Movement) Rules, 2008.	Disposal of the hazardous waste shall be made as per the provision of hazardous wastes (Management, Handling and Trans-boundary Movement) Rules, 2008.
x.	The company shall develop green belt in 33% of the total land as per the CPCB guidelines to mitigate the effect of fugitive emissions.	We are developing the green belt as per the guidelines of CPCB to mitigate the effect of fugitive emissions and meanwhile more than 45,000 seedlings are planted.
xi.	Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.	Occupational health surveillance of the workers are being done on a regular basis and records are being maintained as per the Factories Act.
xii.	The company shall make the arrangement for protection of possible fire hazards during manufacturing process in materials handling.	Will be complied.
xiii.	Earth quake and seismic hazard management plan shall be submitted to the Ministry's Regional office at Shillong within 3 months. Seismic monitoring station shall be installed.	-Earth quake and seismic hazard management plan was submitted to the Ministry Regional office at Shillong dated 14 th March 2014. -Sesmic monitoring station will also be installed.
xiv.	Flood Hazard and Dam breakage Zonation Mapping at 1:5000 to 1;10,000 scale	We have already submitted the flood hazard management plan

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	indicating the peak and lean river discharge as well as flood occurrence frequency shall be prepared. Accordingly, flood hazard management plan shall be submitted to the Ministry's Regional Office at Shillong within three months.	to the Ministry's Regional Office Shillong on dated 14 th March'2014.
xv.	All the recommendations made to the public during the Public Hearing/ Public Consultation meeting held on 20 th May, 2011 shall be satisfactorily implemented and a separate budget for implementing the same should be allocated and information submitted to the Ministry's Regional Office at Shillong.	All the recommendation made to the public during the public hearing/ public consultation meeting held on 20 th May, 2011 are being satisfactorily implemented for which a separate budget for implementation the same is allocated and the information already submitted to the Ministry's Regional office at Shillong on dated 14 th March 2014.
xvi.	All the recommendation made in the Chapter on Corporate Responsibility for Environment Protection (CREP) for the pulp and paper sector shall be submitted to the Ministry's Regional Office at Shillong within three months.	A time bound plan is undertaken by us as per defined norms and same is submitted to Ministry's Regional office at Shillong, which is being followed.
xvii.	At least 5% of the total cost of the project shall be earmarked towards the Enterprise Social Commitment based on Public Hearing Issues and item-wise details along with time bound action plan shall be prepared and submitted to the Ministry's Regional Office at Shillong. Bamboo cultivation shall not be a part of ESC and revised plan shall be submitted Implementation of such program shall be ensured accordingly in a time bound manner.	-Corporate social responsibility and item-wise details along with time bound action plan is prepared and submitted to the Ministry's Regional Office at Shillong. -Bamboo cultivation is not taken under this purview.
xviii.	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 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.	We have provided housing for construction labour within the site with all necessary infrastructures and following facilities are also provided: - Fuel for cooking - Mobile toilets - Safe drinking water - First aid and Medical facility

B. General Conditions:

S. N.	CONDITIONS	STATUS
i.	The project authorities must strictly adhere to the stipulations made by the Assam State Pollution Control Board and the State Government.	Strictly adhering to the stipulations made by Assam State Pollution Control Board and the State Government.
ii.	No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment and Forests. In case of deviations or alterations in the project proposal from those submitted to this Ministry for clearance, a fresh reference shall be made to the Ministry to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.	Agreed with.
iii.	One ambient air quality monitoring station shall be installed in downwind direction. Ambient air quality including ambient noise levels shall not exceed the standards stipulated under EPA or by the State authorities. Monitoring of ambient air quality and stack emissions shall be carried out regularly in consultation with SPCB and report submitted to the APCB quarterly and to the Ministry's Regional Office at Shillong half-yearly.	<ul style="list-style-type: none"> - Shall be complied. - At present we are regularly monitoring ambient air quality. - Reports are being submitted to APCB quarterly and Ministry's Regional Office at Shillong half-yearly. - Monitoring reports are enclosed as Annexure- I.
iv.	In-plant control measures for checking fugitive emissions from all the vulnerable sources like spillage/raw materials/ coal handlings etc. shall be provided. Bag filters shall be provided at transfer points and dedusting stacks to control fugitive emissions. Water sprinkling, black topping of internal roads and green belt development shall be carried out to control the fugitive dust emissions due to vehicular movement. Dust suppression and extraction system shall be provided to control secondary fugitive emission during raw materials handling and processing.	- Will be complied.
v.	Proper housekeeping and cleanliness must be maintained within and outside the plant.	Proper housekeeping and cleanliness will be maintained within and outside the plant.
vi.	The overall noise levels in and around the plant area shall be kept well within the standards (85 dBA) by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels shall conform to the standards prescribed under	We have undertaken all the measures and ensure that noise levels are kept within the limit as per given norms. Ambient Noise monitoring reports are enclosed as per Annexure-I .

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	EPA Rules, 1989 viz. 75 dBA (daytime) and 70 dBA (nighttime).	
vii.	The company shall undertake rainwater harvesting measures to recharge the ground water.	Will be complied.
viii.	Occupational health surveillance programme shall be undertaken as regular exercise for all the employees, specially for those engaged in handling hazardous substance. The first aid facilities in the occupational health centre shall be strengthened and the medical records of each employee should be maintained separately.	Will be complied.
ix.	The project proponent shall also comply with all the environmental protection measures and safeguards recommended in the EIA/EMP and public hearing report.	Will comply all the environmental protective measures and safeguards as recommended in the EIA/EMP and Public hearing report.
x.	The implementation of the project vis-à-vis environmental action plans shall be monitored by Ministry's Regional Office at Shillong/ APCB/ CPCB. A six monthly compliance status report shall be submitted to monitoring agencies.	-A six monthly Compliance report are being submitted to all the monitoring agencies as specified.
xi.	Adequate provisions for infrastructure facilities such as water supply, fuel, sanitation etc. shall be ensured for construction workers during the construction phase so as to avoid felling of trees and pollution of water and the surroundings.	Temporary dwelling structures along with water supply, fuel, sanitation etc facilities have been provided to the construction workers at present in the site.
xii.	The project proponent shall have a scheme for social upliftment in the surrounding villages with reference to contribution in road construction, education, establishment of health centers, sanitation facilities, drinking water supply, community awareness and employment to local people whenever and wherever possible both for technical and non-technical jobs.	Regarding social upliftment in the surrounding villages with reference to contribution in road construction, education etc. following has been done. -Repair of Village Roads: During rainy season the village road was damaged severely and this affected the villagers very badly. We mobilized our civil engineers and team with road repair equipments like JCB, Road Roller and dumper and layed the rubbish/boalders etc on road to make it proper walkable & motorable. -Making of School/ College: Provided construction materials including the entire galvanized roofing sheet to village school

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		<p>at Mornoi village.</p> <p>-Help in RCC Bridge Construction: JCB etc has been provided for construction of bridge in Dhupdhara village.</p> <p>-Firm Forestry: Around two lakh bamboo seedlings of best quality has been sourced from the different parts of the north east and distributed to many village farmers free of cost.</p>
xiii.	<p>A separate Environment Management Cell equipped with full fledged laboratory facilities to carry out the various Environmental Management and Monitoring functions shall be set up under the control of Senior Executive.</p>	<p>-A separate Environmental Management Cell equipped with full- fledged laboratory facilities is under process.</p> <p>-However we have already availing the service of Assam Pollution Control Board recognize monitoring agency for the routine environmental monitoring services.</p>
xiv.	<p>The requisite amount shall be earmarked towards capital cost and recurring cost/annum for implementing environment pollution control measures respectively and used judiciously to implement the conditions stipulated by the Ministry of Environment and Forests as well as the State Government and an implementation schedule for implementing all the conditions stipulated herein. The funds so provided shall not be diverted for any other purposes.</p>	<p>Agreed with.</p>
xv.	<p>The project proponent shall upload the status of compliance of the stipulated environment 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 the MoEF, the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; PM₁₀, SO₂, NO_x (ambient levels as well as stack emissions) or critical sectoral 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>	<p>-We will upload the status of Compliance of the stipulated environment clearance conditions, including monitored data on our website www.kohinoorindia.in.</p> <p>-We ensure that six- monthly reports on the status of the compliance of the stipulated Environmental conditions including results of monitored data will be regularly submitted to the regional Office of MoEF, the respective Zonal office of CPCB and SPCB.</p>
xvi.	<p>The project proponent shall also submit six monthly reports on the status of the</p>	<p>We will be regularly submitting six monthly reports on the</p>

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	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, the respective Zonal Office of CPCB and the SPCB. The Regional Office of this Ministry at Shillong/ CPCB / SPCB shall monitor the stipulated conditions.	status of the compliance of the stipulated environmental conditions including results of monitored data.
xvii.	The environmental statement for each 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 compliance of environmental conditions and shall also be sent to the respective Regional Office of the MOEF at Shillong by e-mail.	Will be adhered to.
xviii.	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 the Ministry of Environment and Forests at http://envfor.nic.in This should be advertised 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 of the locality concerned and a copy of the same should be forwarded to the Regional office at Shillong.	Complied with. Public notice is published in News Paper "The Eastern Chronicle" dtd. 11th Sept. /2012 in English and "The Dainik Janambhumi" dtd. 11th Sept. /2012 in Assamese and same is sent to MoEF, Shillong on 09-11-2012.
11.	The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.	Agreed with.
12.	The Ministry reserves the right to stipulate additional conditions if found necessary. The company in a time bound manner shall implement these conditions.	Agreed with.
13.	The above conditions shall be enforced, inter alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous Wastes (Management, Handling and Transboundary Movement) Rules, 2008 and the Public (Insurance) Liability Act, 1991 along with their amendments and rules.	Agreed with.

ANNEXURE- I

MONITORING REPORTS