

## COMPLIANCE REPORT OF SPECIFIC CONDITIONS

Sr. no.	SPECIFIC CONDITION	STATUS
i.	An amount of Rs 270.00 Lakhs proposed towards Enterprise Social Commitment (ESC) shall be utilized as capital expenditure in the project. The project shall be completed in concurrence with the implementation of the expansion and estimated on the basis of Scheduled Rates.	For the proposed Enterprise Social Commitment (ESC), the industry has already provided for the School Library, computer lab and multipurpose hall at DAV school, Sri Muktsar Sahib. For skill development as per "Skill Council for Green Jobs", the industry already had provided job training for solar power systems to 60 persons.
ii.	Green belt shall be developed in 33% of the total plant area with a native tree species in accordance with CPCB guidelines. The greenbelt shall <i>inter alia</i> cover the entire periphery of the plant.	The industry has a total area of 586 acres out of which more than 540 acres have Eucalyptus plantation and in the balance area green belt is developed in maximum possible area having different species of plants like roses, ficus, and mango and tree plantation alongside the boundary of the plant. <b>Annexure 1</b>
iii.	The capital cost of Rs 38.00 Crores and annual recurring cost of Rs 1.5 Crores towards the environmental protection measures shall be provided for separately. The funds so provided shall not be diverted for any other purpose.	After the modernization of the project from 150 TPD waste paper based writing and printing paper to agro residue based writing and printing paper, the following steps are being taken for environmental protection measures: <ul style="list-style-type: none"> <li>1. Recovery boiler up gradation – 23 Crores</li> <li>2. Up gradation of recovery evaporator – 2 Crores</li> <li>3. ESP up gradation – 7 Crores</li> <li>4. Oxygen plant (6TPD) – 3 Crores</li> <li>5. Oxygen injection system – 0.5 Crores</li> <li>6. Disc filters for back water treatment – 3 Crores</li> </ul>
iv.	Kitchen waste shall be composted or converted to biogas for further use.	Kitchen waste is converted to biogas and used in boilers as fuel.

## COMPLIANCE REPORT OF GENERAL CONDITIONS

<b>1.</b>	<b>The project proponent shall (Air Quality Monitoring):</b>	
a.	Install 24x7 continuous monitoring system at process stacks to monitor sack emission with respect to standards prescribed in Environment (Protection) Rules 1986 and connected to SPCB and CPCB online servers and the system be calibrated according to equipment supplier's specifications through labs recognised under Environment (Protection) Act, 1986 or NABL accredited laboratories.	24x7 continuous monitoring systems as process stacks are installed and are connected to the SPCB/CPCB servers. The systems are calibrated according to equipment supplier's specifications through NABL accredited laboratories. Online reports attached as <b>Annexure 2</b> The data can be seen online at Website: <a href="http://www.nevcocpcb.com">www.nevcocpcb.com</a> Username: satia_industries Password: sindustries@124
b.	Monitor fugitive emissions in the plant premises at least once in every quarter through labs recognised under Environment (Protection) Act, 1986 and NABL accredited laboratories.	Fugitive emissions in the plant premises are monitored through NABL accredited laboratory. Report attached as <b>Annexure 3</b>
c.	Install system to carryout Ambient Air Quality Monitoring for parameters relevant to pollutants released as per National Ambient Air Quality Standard issued by the Ministry vide G.S.R. No. 826(E) dated 16 <sup>th</sup> November, 2009 (as amended from time to time) within and outside the plant area at least at four locations, one within and three outside the plant area at an angle of 120 <sup>o</sup> each, covering upwind and downwind directions.	Four AAQ monitoring stations already set up to check the concentration of PM <sub>10</sub> , PM <sub>2.5</sub> , SO <sub>2</sub> and NOX. AAQ data enclosed As <b>Annexure 3</b>
d.	Provide sampling facility at process stacks as per CPCB guidelines for manual monitoring of emissions.	Sampling facilities are provided at process stacks as per CPCB guidelines as well as in consultation with PPCB, for manual monitoring of emissions.
e.	Submit monthly report of continuous stack emission and air quality monitoring and results of manual stack monitoring for calibrations of CEMS and manual monitoring of air quality/fugitive emission to Regional Office of MoEF&CC, Zonal office of CPCB an Regional Office of SPCB along with six-monthly monitoring report.	Monthly report of continuous stack emission and air quality monitoring as well as manual stack monitoring attached as <b>Annexure 2</b>
<b>2.</b>	<b>The project proponent shall (Water Quality Monitoring):</b>	
a.	Install 24x7 continuous effluent monitoring system at all discharge points with respect to standards prescribed in Environment (Protection) Rules 1986 (GSR 546 (E) dated 30 <sup>th</sup> August, 2005 or as amended from time to time; S.O. 3305 (E) dated 7 <sup>th</sup> December, 2015 as amended from time to time) and connected to SPCB and CPCB online servers and the systems be calibrated according to equipment supplier's specifications through labs recognised under Environment (Protection) Act, 1986 or NABL accredited laboratories.	24x7 continuous effluent monitoring system at discharge point is installed and connected to PPCB/CPCB server and is calibrated according through NABL accredited laboratory. Online reports are attached as <b>Annexure 4</b> The data can be seen online at Website: <a href="http://www.xylemcpcb.com">www.xylemcpcb.com</a> Username: satia_industries Password: satia@675
b.	Monitor regularly ground water quality at least twice a year (pre and post monsoon) using sufficient numbers of peizometers/sampling wells in the plant and adjacent areas through labs recognised under Environment (Protection) Act, 1986 and NABL accredited laboratories;	Groundwater quality is monitored at four different piezometer wells that are located in the plant as well as at adjacent areas, through NABL

	and	accredited laboratory. Reports attached as <b>Annexure 5</b>
c.	Submit monthly report of continuous effluent monitoring and results of manual effluent testing for calibrations of CEMS and manual monitoring of groundwater quality to Regional Office of MoEF&CC, Zonal office of CPCB and Regional Office of SPCB along with six-monthly monitoring report.	Monthly report of continuous effluent monitoring and results of manual monitoring attached as <b>Annexure 4 &amp; 6</b>
<b>3.</b>	<b>The project proponent shall (Air Pollution Control):</b>	
a.	Provide appropriate Air Pollution Control (APC) system for all the dust generating points including fugitive dust from all vulnerable sources, so as to comply prescribed stack emission and fugitive emission standards.	Air Pollution Control (APC) systems are installed at all dust generating points. The stack emissions as well as fugitive emissions are well below the prescribed standards as it can be seen in the attached <b>Annexure 2</b>
b.	Install high volume, low concentration NCG collection & destruction system to mitigate all malodorous gases emitted.	High volume, low concentration NCG is already installed to mitigate all malodorous gases.
c.	Control the emissions from chemical recovery section through primary and secondary venture scrubbers.	Three field ESP is provided at the stack of the Chemical Recovery Plant to minimise the emissions. The emissions are well below the prescribed limits as can be seen in the reports attached as <b>Annexure 2</b>
d.	Provide pollution control system in the pulp and paper sector as per the CREP guidelines of CPCB.	For water pollution controlling, the industry has anaerobic and aerobic treatment systems to treat wet wash & bleach streams respectively. For emission control the industry has installed ESP for all its boilers to minimise the emission loads.
e.	Provide sufficient number of mobile or stationary vacuum cleaners to clean plant roads, shop floors, roofs regularly.	Stationary vacuum cleaners are provided to clean the shop floors regularly. Mobile cleaners are provided to clean plant roads.
f.	Provide wind shelter fence and chemical spraying on the raw material stock piles, and	Shelter already provided and spraying system is available.
g.	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.	The unit will be shut down and will not be restarted until the control measures are rectified to achieved the desired efficiency, in case of any treatment process disturbances or failures.
<b>4.</b>	<b>The project proponent shall (Water Pollution Control)</b>	
a.	Provide the ETP to meet the standards prescribed in GSR 546 (E) dated 30 <sup>th</sup> August, 2005 or as amended from time to time.	The ETP is adequate enough to meet the standards prescribed in GSR 546 (E) dated 30 <sup>th</sup> August, 2005 or as amended from time to time. ETP flow chat attached as <b>Annexure 7</b>

b.	Provide Sewage Treatment Plant for domestic wastewater.	Sewage Treatment Plant (STP) is provided for domestic wastewater treatment.
c.	Provide garland drains and collection pits for each stock pile to arrest the run-off in the event of heavy rains and to check the water pollution due to surface run-off.	To check the water pollution due to surface run-off in event of heavy rains, garland drains and collection pits are provided to trap the excess surface run-off.
d.	Provide tyre washing facilities at the entrance of the plant gates.	Tyre washing facility is provided at various points.
e.	Explore extensive use of RO technology to recycle permeate to the plant to reduce fresh water demand, and	The industry has installed Disc Drum filters to reduce fresh water consumption.
f.	Project proponent shall ensure that there is no black liquor spillage in the area of pulp mill, no use of elemental chlorine for bleaching in mill, installation of hypo preparation plant. The PP should ensure no spillage of foam in chemical recovery plant, no discharge of foul condensate generated from MEE in the Chemical recovery process directly to ETP.	No black liquor spillage in pulp mill area, no elemental chlorine for bleaching is used in the plant. No spillage of foam in chemical recovery plant, no discharge of foul condensate generated from MEE in the Chemical recovery process directly to ETP is or will be there.
<b>5.</b>	<b>The project proponent shall (Water conservation)</b>	
a.	Practise rain water harvesting to maximum possible extent	Rain Water Harvesting systems are installed in the plant premises to recharge the ground water. Photo attached as <b>Annexure 8</b>
b.	Provide water meters at the inlet to all unit processes in the pulp and paper plant, and	Water meters are provided at the inlet of all unit processes.
c.	Make efforts in reduction in specific water and power consumption and increase in the recycling of the treated effluent to minimize the discharge	Efforts are being made by adopting new and advanced technologies to lower water & power consumptions. Treated water is used at various points in the plant to minimise the fresh water requirement.
<b>6.</b>	<b>The PP shall (Energy Conservation)</b>	
a.	Provide solar power generation on roof tops of buildings, for solar light system for all common areas, street lights, parking around project area and maintain the same regularly	Since the industry already has its own co-generation plant of 30MW, and the power so produced by the industry is very cheap, the industry need not to install solar power generation unit. But, alternatively, the industry has provided funds for installation of solar generation unit at a local private school.
b.	Provide LED lights in their offices and residential areas, and	Ordinary/CFL lights are replaced by power efficient LED lights to minimise power consumption
<b>7.</b>	Black liquor shall be separately processed for recovery of energy and chemical in a Chemical Recovery Process	Chemical Recovery Plant of sufficient quantity is already operational to handle all the black liquor generated in the

		process for the recovery of energy and chemicals.
8.	The proponent shall follow International Standards of safety for ClO <sub>2</sub> generation and storage system, and ozone plant, and certification on regular basis may be submitted. Provision for adequate safety for personnel in case of any accidental leakage should be in place.	International standards of safety for generation and storage of ClO <sub>2</sub> are being followed. All the provisions for the safety of workers in case of any accidental leakage are provided.
9.	The company shall install Oxygen Delignification (ODL) Plant and shall maintain AOX below 1kg/tonne of paper production.	ODL plant is already installed and AOX is maintained well below 1kg/tonne of paper production. Report attached as <b>Annexure 6</b>
10.	ECF technology shall be used and lime kiln shall be installed to maintain lime sludge	ECF technology is already in use and for installation of lime kiln the industry is exploring techno commercial viable technologies for agro based system.
11.	Sufficient number of colour coded waste collection bins shall be constructed at shop floors in each shop to systematically segregate and store waste materials generated at the shop floors (other than Process waste) in designated coloured bins for value addition by promoting reuse of such wastes and for good housekeeping.	Waste bins are provided at the shop floors. Housekeeping is practised at the highest level possible.
12.	The PP shall prepare GHG emissions inventory for the plant and shall submit the programme for reduction of the same including carbon sequestration including plantation.	The industry has a plantation area of approx. 540 acres, in which Eucalyptus is grown. This area serves as discharge area of treated effluent of the industry and also helps to reduce GHG emissions from the industry as well as nearby area.
13.	Emergency preparedness plan based on the Hazard Identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented	Onsite emergency plan is followed in case of any unforeseen incidents. Plan attached as <b>Annexure 9</b>
14.	The PP shall carry out heat stress analysis for the workmen who work in high temperature work zone and provide Personal Protection Equipment (PPE) as per the norms of Factory Act	Personal Protection Equipments (PPE) is provided for workmen to prevent any accidents.
15.	The PP shall adhere to the corporate environmental policy and system of the reporting of any infringement/non-compliance of EC conditions at least once in a year to the board of Directors and the copy of the board resolution shall be submitted to the MoEF&CC as a part of six-monthly report.	In the Board of Directors meeting held on 13.11.2018 the corporate environmental policy of the industry was discussed and it was found that the industry was following the same in a strict manner. The results of monitored data of air and water were found satisfactory by the Board. The compliance to the EC conditions was discussed and no infringement was found. The copy of Board resolution is attached here with as <b>Annexure 10</b>

16.	All the recommendations made in the Charter on Corporate Responsibility for Environment Protection (CREP) for the pulp and paper shall be implemented	Compliance to Charter on CREP for the pulp and paper is enclosed as <b>Annexure 11</b>
17.	A dedicated environmental cell with qualified personnel shall be established. The head of the environmental cell shall report directly to the head of the organization	The industry already has an environmental cell with well qualified personnel. The industry also has a well-equipped environment laboratory for daily monitoring of effluent and emission parameters.
18.	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 completion of the project	Provision for housing of construction labour with all the necessary facilities is being provided in the vicinity of the site.
19.	The project authorities must strictly adhere to the stipulation made by the state pollution control board and the state government	The industry is strictly following to the stipulations made by the state pollution control board and the state government
20.	No further expansion of modifications in the plant shall be carried out without prior approval of the MoEF&CC	It has been noted by the industry that no further expansion of modifications in the plant shall be carried out without prior approval of the MoEF&CC
21.	The waste oil, grease and other hazardous waste shall be disposed off as per the Hazardous & Other Waste (Management & Transboundary Movement) Rules, 2016	After the introduction of Elemental Chlorine Free (ECF) bleaching, only hazardous waste of Cat. 32.3 is generated in the system, which is lifted by M/s Bansal Paper Board Mill and M/s Sant Mix Board (MoU/permissions enclosed) <b>As Annexure 12</b>
22.	The ambient noise level should conform to the standards prescribed under EPA Rules, 1989 viz. 75 dB(A) during day time and 70 dB(A) during night time	The ambient noise level of day and night are well within the prescribed standards under EPA Rules, 1989
23.	Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per Factories Act	Occupational health record of the workers is being maintained on regular basis and is attached herewith as <b>Annexure 13</b>
24.	The project proponent shall comply with all the environmental protection measures and safeguards recommended in the EIA/EMP report	The industry will comply with all the environmental protection measures and safeguards recommended in the EIA/EMP report
25.	<b>The project proponent shall (Post-EC monitoring):</b>	
a.	Send a copy of environmental clearance letter to the heads of the local bodies, panchayat, municipal bodies and relevant offices of the Government	A copy of EC letter was sent to the concerned bodies of the Government.
b.	Put on the clearance letter on the web site of the company for access to the public	EC letter is already uploaded on the company website for access to the public  <a href="http://www.satiagroup.com">www.satiagroup.com</a>

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 the copies of the clearance letter are available with the SPCB and may also be seen at the website of the Ministry of Environment, Forests and Climate Change (MoEF&CC) at <a href="http://envfor.nic.in">http://envfor.nic.in</a>	The public was informed by advertisement in two local newspaper (enclosed) 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 <a href="http://envfor.nic.in">http://envfor.nic.in</a> Photos attached as <b>Annexure 14</b>
d.	Upload the status of the compliance of the stipulated environment clearance conditions, including results of the monitored data on their website and update the same periodically	Compliance status as well as the results of monitored data is uploaded and updated on the company site periodically.
e.	Monitor the criteria pollutants level namely PM10, 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	Pollutants levels mainly PM10, SO2, NOX (ambient levels as well as stack emissions) are monitored on regular basis by NABL accredited lab and the same is displayed as shown in <b>Annexure 15</b>
f.	Submit six-monthly reports on the status of the compliance of the stipulated environmental conditions including the results of monitored data (both in hard copies as well as by email) to the Regional Office of MoEF&CC, the respective Zonal Office and the SPCB	Noted for compliance. Six monthly compliance report and the results of monitored data would be sent to MoEF&CC, RO, Chandigarh. Hard copy is being submitted.
g.	Submit the environmental statement for each financial year in the Form – V to the concerned SPCB as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company	Form V attached of financial year 2017-2018 is attached as <b>Annexure 17</b>
h.	Inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities and the date of commencing the land development work	The project got its final approval from the concerned authorities on 29 <sup>th</sup> May, 2018 and the commencement of the land development work was started thereafter.
26.	The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory	Noted by the industry
27.	The Ministry reserves the right to stipulate additional conditions if found necessary. The company in a time bound manner shall implement these conditions	Noted by the industry
28.	The PP shall abide by all the commitments and recommendations made in the EIA/EMP report and that during their presentation to the EAC. The commitment made by the PP to the issue raised during Public Hearing shall be implemented by the proponent	The industry shall abide by all the commitments and recommendations made in the EIA/EMP report and that during their presentation to the EAC. The commitment made by the PP to the issue raised during Public Hearing shall be implemented by the proponent
29.	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 & Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments	Noted by the industry

	and rules	
<b>30.</b>	This EC is issued in suppression of earlier EC vide Lr. No. CSA/2013/S/710, dated 8 <sup>th</sup> February 2013 by SEIAA, Punjab	Noted by the industry