

**Compliance of the Conditions Specified in
Environment Clearance
In Response to the Govt. Letter No J-11011/332/2006-IA-II (I) (T)
Dated 5th July, 2007
Of North East Roofing Pvt. Limited
For the period from April .2021 to Sept 2021**

	Specific Condition:	
01	The gaseous emission from various units shall conform to standards prescribed by the concerned State Pollution Control Board (SPCB) or by the Ministry, whichever is stringent. Bag filters shall be provided for flue gas. Asbestos fiber emission from the stack will meet the revised norms under the E (P) Act, 1986 i.e. Fiber count of 0.2 fib/cc.	Stack monitoring is carried out on regular basis and emissions are well below the prescribed limit. Please refer Annexure – 1 Bag filters are already installed. Analysis reports of Asbestos Fiber count here with the prescribed limit. is enclosed. CSIR IITR REPORT CODE :SSP-428 Final Report Phase -II September 2021 Dated 28.10.2021 Annexure – 2
02	Regular/continuous on line monitors for particulate emissions asbestos fiber and all other relevant gaseous emissions shall be provided and shall make necessary arrangement for submission of on-line real time emission data to CPCB website. Inter locking facility shall be provided between Pollution Control equipment and the process operation so that in the event of the Pollution Control equipment not working, the respective unit (s) is shut down automatically.	Regular Monitoring is done for particulate emissions Asbestos Fiber, Ambient Air Quality Monitoring reports ,Stack Monitoring data,Fugitive emission test report , Noise monitoring reports are submitted to SPCB and CPCB, both in hard and soft copies. Also uploaded In our Co's Website. www.nerpl.com Please refer Annexure – 1. Interlocking for Automatic Shut down the unit is already provided .
03	Regular Ambient Air quality Monitoring shall be carried out. The monitoring stations will be set up in consultation with the State Pollution Control Board. It will be ensured that at least one monitoring station is set up in up wind and in down wind direction along with those in other directions. On-line data for Air emissions shall be transferred to the CPCB and APCB regularly. The instruments used for Ambient Air Quality Monitoring shall be calibrated regularly. Asbestos Fiber count in the Ambient Air shall also be carried out.	Monitoring stations are set up with consultations & directions of State Pollution Control Board, Assam vide their Letter No. WB/GUW/T-1489/09-10/2 dated 03/12/2009. Copy already submitted on dated 05/01/2010. All monitoring reports are sent regularly through hard copy and soft copy to CPCB and SPCB & also uploaded in our Co's website. www.nerpl.com Calibration of air monitoring equipment's is being done regularly once in year. Asbestos Fiber counting in Ambient air is also being carried out.. Please refer Annexure – 2.
04	Asbestos Fiber will be transported in pressure packed condition in impermeable bags in palletized form in closed containers.	Strictly complied with the conditions.
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05	The Fiber bags will be slit opened in closed automatic bag opening device. The empty bags shall also be shredded and collected in the blender. The whole process will be in wet condition. The bag opening device & the edge runner mill shall be kept under negative pressure by tapping it on to a Bag Filter Type Dust Collector with pulse jet which again will be connected to a Hydro-static Precipitator through Air Wet Washer to an 18m stack. Particles collected in hydro- static precipitator shall be periodically recycled in wet form.	Automatic Bag opener has been installed in operation. The empty bags are shredded and used in process. Grinding of Fiber is done in wet condition only. Bag opening device and Edge running mill is connected to dust extractor system.
06	A two stage Venturi scrubber will be provided after bag filter of fiber handling section.	Two stage venture scrubber installed in operation.
07	For the control of air emission from the A.C. Sheet Plant, Bag filters will be provided. Stack Height with this will be 18 mtr. and concentration of dust in the stack emissions would be less than 100 mg./Nm ³	Installed Bag filter and height of the stack is 18 MTR as per norms of PCB. Stack emission is less than 100 mg/Nm ³ Refer Annex- 1
08	Acoustic enclosures will be provided at all high noise equipment and place to limit the noise levels below 85 dBA.	DG Sets installed under Acoustic enclosures as well as installed in covered shed and also for noise protection ear-plug provided to workers.. Noise Reports Submitted: Annex-01.
09	Fugitive emission shall be <500 mg/m ³ . Regular monitoring of fugitive emission shall be carried out by the unit as per the CPCB guidelines. Raw materials will be stored in covered yards.	Fugitive emission Reports are Limit ; Annex - 1 Raw Materials are stored in covered Go down.
10	Portable vacuum cleaner. Wet mopping /collection/ recycling method wherever applicable, will be adopted for the spillage cleaning at raw material section. Wet moping shall be carried out by the rubber mat sticks without using any clothing material.	Vacuum cleaner has been provided and Wet mopping is done.
11	Vacuum Dust Cleaning System will be provided to evacuate dust on floors. All roads will be swept with sweeping machine.	Already provided. Roads are swept regularly.
12	Wind breakers will be installed to restrict fugitive dust.	Wind breakers provided where required.
13	Water sprinkling arrangement should be made in the raw material stock yard and cement bag loading, and fly ash storage areas. Regular water sprinkling shall be carried out at all areas where fugitive dust can be generated.	Water sprinkling is done regularly.
14	Copy of water withdrawal permission from the relevant authority shall be submitted before starting the project.	Already provided.(Bore well permission) . P/2

15	The total water requirement shall not exceed 50m ³ /d and will be met from existing bore-wells within the premises.	Water consumption is well within the 38m ³ /day, and existing bore-wells are used.
16	No effluent will be generated from the process and Zero effluent discharge will be strictly adhered to. All waste water generated will be under continuous recycling system.	All wastes waters are generated during the process are 100% re-cycled.
17	Domestic washings of 2 m ³ /day will be sent to septic tank followed by soak pit.	Complied with. Domestic waste water is sent to the STP
18	Process sludge and sludge from recycling tank/wet ball mill will be recycled in to the slurry.	100% recycled and used in process.
19	Solid waste generated shall be 100% recycled and re-utilized in the process and no solid waste shall be disposed of outside the plant premises. The solid waste will be dumped in the low lying areas and the areas thus filled up/reclaimed shall be used for tree plantation. Vermi Compositing shall be adopted for disposing of bio/degradable waste from the domestic sources.	100% recycled and used in process.
20	Empty fibred bags, fiber dust, process sludge, broken/rejected pieces, cement dust and fly ash dust generated as solid waste will be completely recycled in to the process. There will be no hazardous solid waste generation from the proposed project.	100% recycled and used in process.
21	The Company shall strictly follow all the recommendations mentioned in the Charter on Corporate Responsibility for Environmental Protection (CREP).	Not Applicable.
22	3765 sq meter of the area shall be developed as green belt. This will be developed in consultation with DFO and as per the CPCB guide lines.	Stipulated area has been developed as green belt.
23	The Company shall harvest surface as well as rain water from the roof tops of the buildings proposed in the expansion project and storm water drains to research the ground water and use the same water for the various activities of the project to conserve fresh water.	Rain water harvesting has already been done and maintained regularly. Photograph already submitted.
24	Regular Pulmonary Function Test and other regular check -ups for the employees will be carried out and results shall be maintained for 30- 40 years. Appropriate ameliorative measures will be taken in case of exposed employees, wherever necessary.	Strictly adhered to.

25	Appropriate Personal Protection Equipment shall be provided to all employees and workers.	Dust mask, hand gloves, ear plugs, safety shoes, safety belt, Jaggery (Gur-mitha), Raincoat, helmets, soap etc. provided to all concerned workmen & employees
B.	GENERAL CONDITIONS:	.
01	The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board (SPCB) and the State Government.	Strictly adhering to. Copy of the Consent to Operate is enclosed Vide No.WB/GUW/T-986/07-08/433/1672dated 20. 03.2021Validity upto 31st March, 2022 (enclosed with copy as Annex-5).
02	No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment and Forests.	Shall not be carried out without prior approval.
03	Adequate number of influent and effluent quality monitoring stations shall be set up in consultation with the SPCB. Regular monitoring shall be carried out for relevant parameters.	No effluent is discharged from the process. .
04	The project proponent shall also comply with all the environmental protections measures and safeguards recommended in the EIA/EMP Report.	Has been complied with. Details of environmental protections measures and safeguards provided to workman as engaged indifferent works. As annex.-4
05	Industrial waste water shall be properly collected and treated so as to conform to the standards prescribed under GSR 422 (E) dated 19 th May 1993 and 31 st December, 1993 or as amended from time to time. The treated waste water shall be utilized for plantation purpose.	There is no waste water discharge. 100% re-cycled.
06	The overall noise levels in and around the plant area shall limited within the prescribed standards (85 dBA) by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation.	The guidelines as laid down in the general conditions are strictly adhered to. Noise levels are checked regularly and most of the areas are found to be conforming to the prescribed standard. Secondly, ear-plugs are also provided to the workers as protective measure. As Annex: 06
07	Proper housekeeping and adequate occupational health program shall be taken up. Regular Occupational Health Surveillance Programs shall be carried and records shall be maintained properly for at-least 30-40 years. The program shall include lung function and Sputum Test once in six month. Sufficient preventive measures shall be adopted to avoid direct exposures to dust etc.	Strictly adhering to. Regular health check up is done which includes sputum test, pulmonary test and X- Ray, etc. Free health check up camps are organized for the local people within the radius of 5 km at an interval of every six months. All records are maintained.
08	A separate environment management cell with full fledge laboratory facilities to carry out various management and monitoring functions shall be set up under the control of a senior executive.	Environmental Management Cell has been set up. Already Submitted. Annex- 7

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09	As proposed in the EIA/EMP Rs. 01.00 Cores and Rs. 10.00 lakh/annum earmarked to meet the capital and recurring cost/annum respectively for the environmental protection measures shall be used judiciously to implement the conditions stipulated by the Ministry of Environment and Forests as well as the State Government. The funds so provided shall not be diverted for any other purposes.	Strictly adhering to. Details of Environmental up-keep protection expenses from 1 st April 2020 to 31 st March 2021 enclosed - As Annex -8
10	Proper house keeping and adequate occupational health programmed shall be taken up. Regular Occupational Health Surveillance Programmed shall be carried and records shall be maintained properly for at-least 30-40 years. The programme shall include lung function and Sputum Test once in six month. Sufficient preventive measures shall be adopted to avoid direct exposures to dust etc.	Strictly adhere to.
11	The Project Proponent should advertise in at least two local newspapers widely circulated in the region around the project, one of which shall be in the vernacular language of the locality concerned informing that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the State Pollution Control Board/ Committee and may also be seen as at Website of the Ministry and Forests at http://envfor.nic.in . The advertisement should be made within seven days from the date of issue of the clearance letter and a copy of the same should be forwarded to the Ministry's Regional Office at Bangalore.	Widely Circulated in the Local Newspapers. Copies of the circulated paper already submitted. Copy of the renewal of Authorization under Hazardous wastes (Management & Handling & Trans boundary Movement Rules) 2008. Vide letter no. WB/OTWA/HW-87/07-08/87/214 dated 18.03.2019 is enclosed. Validity for three years from the date of issue . As -Annex- 9
12	The project Authorities shall 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 start of land development work.	Already informed vide Letter No. NERPL / P&A / 11 / 2007-08 / 537 dated 06/08/2007.

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