

**Compliance of the Conditions Specified in
Environmental Clearance
Vide File No. J- 11011/564/2007-IA-II (I) Dated 14th September, 2007
For Assam Roofing Limited(Compliance Reports for the periods
from April 2021 to Sep 2021.**


Sl. No.	Conditions	Status
A.	Specific Condition	
01.	The project proponent shall adhere to the prescribed BIS standards and laws regarding use and handling of asbestos, safety of employees' etc. Raw materials like asbestos fiber and cement should be transported in closed containers. Asbestos fiber shall be brought in palatalized form, in impermeable bags and under compressed condition.	Being strictly adhered to prescribed BIS standards. List of Applicable standards is already submitted. As per the specific conditions closed container facilities for transport of Asbestos & Cement were provided .Asbestos bags were also impermeable as stipulated.
02.	Blue asbestos shall not be utilized as raw material in the manufacturing process. A written commitment in this regard shall be furnished within a period of three months.	Blue asbestos is not be used in Copy of the Written Commitment has already been submitted. Vide Letter No. ARL/P&A/125-C/2007-08/8855 Dated. 24.09.07.
03.	There shall be no manual handling / opening of asbestos fiber bags. The company shall install fully automatic asbestos fiver debagging system.	Fully mechanical and automatic de bagging system has been installed & in operation.
04.	Fugitive emissions generated from hopper of Jaw Crusher and Pulverize shall be canalized through hood with proper suction arrangement, bag filter and stack.	Strictly complied with.
05.	The Company shall comply with total dust emission limit of 2mg/Nm ³ as notified under the Environment (Protection) Rules, 1986. Adequate measures should be adopted to control the process emission and ensure that the stack emission of asbestos fiber shall not exceed the emission limit of 0.2 fiber/cc. Monitoring of dust and fibers shall be done as per the guidelines of Assam Pollution Control Board and reports shall be submitted to Ministry's Regional Office at Shilling/CPSB/SPCB.	Monitoring is carried out on regular basis and emissions are being found well within the prescribed limit. Fiber Dust Counting Results at work place, CSIR IITR Asbestos Fiber Counts on Slides Final Reports are being submitted regularly to CPCB & SPCB in soft and hard copies& in our Co's website www.assamroof.com . CSIR IITR CODE No. SSP- 428 Study completed Dated:28.10.2021 Pls. Refer Annex- 01 P/1



06.	Bags containing asbestos fiber shall be stored in closed area to avoid fugitive emission of asbestos fiber in the environment.	Asbestos containing bags were kept in closed area.
	All material transfer points shall be connected to dust extraction system.	All materials transfer points are well connected to dust extraction system.
	Leakages of dust from machines and dusts shall be plugged.	Already been plugged.
	Floor shall be cleaned by vacuum cleaner only.	Vacuum cleaners are being used.
	Covered belt conveyer shall be used instead of manual transportation of asbestos within the premises.	Eight (8) hour consumption quantity is stored in a go-down with covered belt conveyor.
07.	Regular measurement of pollutants (SPM, asbestos fiber count) in the work zone area and stack (s) shall be undertaken by setting up a dedicated laboratory. In addition, the asbestos fiber count in the work zone area should be got monitored by an Independent Monitoring Agency like NIOH, ITRC/NCB etc. on a six- monthly basis. The monitored data shall be submitted to the State Pollution Control Board Assam once in three months and to Ministry's Regional Office at Shillong, every six months.	Regular air / stack monitoring is done. Fiber count in work zone area is also done regularly. .Reports Enclosed from April 2021 to Sep2021 are enclosed as Annex-02 In addition, the asbestos fiber count in the work zone area monitored by. Independent Monitoring Agency IITR (Indian institute of Toxicology Research) half yearly done fiber dust counting -10 slides Reports –submitted as Annex: 01. stack monitoring is done by SPCB authorised lab, Environcon ,Assam ,Reports Enclosed as Annex -03 In house work zone area Air & stack monitoring report is also attached herewith as Annex.-02
08.	The quantity of water consumption of and domestic wastewater shall be limited to 60m ³ /d and 5 m ³ /d respectively. There shall be no discharge of process effluent. The entire process effluent shall be reused / recycled in the manufacturing process. The domestic waste water shall be treated in a septic tank soak pit.	Water consumption is well within limit. There is no discharge of process effluents. It is recycled and reused in the process. Domestic water is being treated in a septic tank followed by a soak pit. Water consumption report is attached herewith as Annex.-10
09.	The Company shall ensure that the entire solid waste generated including process rejects, dust from bag filters and empty asbestos bag shall be recycled in the manufacturing process. The disposal facilities for asbestos waste shall be in accordance with the Bureau of Indian Standard Code.	The entire solid/semi-solid wastes are recycled and reused in the process.

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10.	The cut and damaged fiber bags shall be handled with utmost care and shall be immediately repaired. Piling of AC sheets and products shall be done in wet condition only.	All empty fibre bags are shredded in enclosed bag shredder and used in the process. Piling of AC Sheets is done in wet conditions only.
11.	Regular medical examination of workers and health monitoring of the employees shall be carried out and record maintained up to minimum 40 years from the beginning of employment or 15 years after retirement or cessation of employment whichever is lower. A competent occupational health physician should be appointed to carry out medical surveillance. The occupational health monitoring must be strengthened to include periodic (six months) sputum test also with pulmonary test supplemented by X- Ray test annually. The company should also provide medical and health care facilities at the work place and if cases of asbestosis are detected, necessary compensation shall be arranged under the existing laws.	Regular medical and health monitoring is carried out which includes sputum test, pulmonary test and X- Ray. All records are maintained. Free health Check-up camps are regularly organized to the local people within the radius of 5km at an interval of every six month. Records are properly maintained.
12.	To educate the workers, all the work places where asbestos dust may cause a hazard shall be clearly indicated as a dust exposure area through the use of display signs which identifies the hazard and the associated health effects.	Wall writing, posters and pictorial warning signs are being displayed in work place.
13.	As proposed 7401.20 m² area shall be developed as green belt with local species in consultation with DFO as per CPCB guidelines. Ref. letter No. J-11011/564/2007-IA II (I) of MOEF , dated August -2nd,2010	Stipulate area has been developed as green belt. Further we wish to plant trees on both side of the road on which our manufacturing unit is located under our Eco –development plant. Our letter No.GSD/111/RDS-37 /255 dated17/05/10 reply received from the Executive Engineers (Roads) Guwahati may be referred to. Copies already submitted on 31.05.2010
14.	The Company shall undertake eco-development measures including community welfare measures in the project area for the overall improvement of the environment. The eco-development plan should be submitted to the Assam Pollution Control Board within three months of receipts of this letter for approval.	Eco development measures including community welfare measures are executed by the company. P/3 

	GENERAL CONDITIONS.	
1.	The project authorities must strictly adhere to the stipulations made by the Assam Pollution Control Board, the State Government and any other statutory body.	Strictly adhering to the stipulations made by State Pollution Control Board, Assam.
2.	Proper house keeping shall be maintained within the plant premises. Process machinery, exhaust and ventilation systems will be in accordance with Factories Act. Better housekeeping practices shall be adopted for improvement of the environment within the work environment. These include.	Proper house-keeping is being carried out regularly.
3.	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 the Ministry to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.	Adhered to.
4.	At no time, the emissions shall exceed the prescribed limits. In the event of failure of any pollution control system adopted by the unit the desired efficiency has been achieved.	Interlocking facility with pollution control equipment has been provided.
	Fugitive emissions in the work zone environment, product and raw materials storage area shall be regularly monitored. The emissions shall conform to the limits imposed by the State Pollution Control Boards/ Central Pollution Control Board.	Fugitive emissions in the work zone, Ambient air monitoring is done regularly. Results are found within prescribed limit. Reports are submitted regularly. Please Refer enclosed reports as Annexure -04
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6.	The locations of ambient air quality monitoring stations shall be reviewed in consultation with the State Pollution Control Board (SPCB) and additional stations shall be installed, if required, in the downwind direction as well as where maximum ground level concentrations are anticipated.	Monitoring points are fixed in consultation with State Pollution Control Board, Assam vide their letter WB/GUW/T-1489/9-10/2 Dated 3 rd Dec 2009. Copy of the letter already submitted
7	The project authorities shall strictly comply with the rules and guidelines under Manufacture, Storage and Import of Hazardous Chemicals Rules, 1989 as amended in October, 1994 and January, 2000 and Hazardous Waste (Management and Handling) Rules, 1989, as amended from time to time. Authorization from the SPCB shall be obtained for collection, treatment, storage, and disposal of hazardous wastes.	Authorization under Hazardous Wastes (Management, Handling & Trans Boundary Movement) Rules 2008 obtained Vide letter No. WB/0TWA/HW-379/19-20/07/12 dated 24.10.2019 valid up to three years .. Annex-6
8.	The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels shall confirm to the standards prescribed under Environment (Protection) Act, 1986 Rules, 1989 viz. 75 dBA (day time) and 70 dBA (night time)	Noise levels are checked and most of the areas are found to be confirming to the prescribed standard. Further noise protective ear plugs are provided to the workers where noise levels found high. DG sets are used as stand by to ASEB power Supply and is running occasionally.
9.	The project proponent shall also comply with safeguards recommended in the EIA/EMP Report.	Strictly Complied with.
10.	The project authorities will set-up a separate environmental management cell for effective implementation of all the above stipulations under control of Sr. Executive.	Separate environmental management cell has been set up. Annex-8
11.	Rs. 130.00 Lakhs and Rs. 6.50 Lakhs are earmarked towards capital cost and recurring expenditure/annum for environment pollution control measures and to implement the conditions stipulated by the Ministry of Environment and Forests as well as the State Government along with the implementation schedule for all the conditions stipulated herein. The funds so	Strictly adhering to. Details of environmental protection expenses from 1.04.2020 to 31.03.2021 enclosed. Annex: 7



	provided shall not be diverted for any other purpose.	P/05.
12.	The Regional Office of this Ministry at Shillong/Central Pollution Control Board/State Pollution Control Board will monitor the stipulated conditions. A six monthly compliance status report shall be submitted to monitoring agencies and shall be posted on the website of the Company.	Stipulate compliance reports are submitted regularly in time both in soft copy and hard copy and uploaded in our company's website www.assamroof.com , also E-mail to CPCB Shillong.
13.	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/ Committee and may also be seen at Website of the Ministry at http://envror.nic.in this shall be advertised within seven days from the date of issue of the clearance letter, at least in two local newspaper that are widely circulated in the region which one shall be in the vernacular language of the locality concerned and a copy of the same shall be forwarded to the concerned Regional Office of the Ministry.	Environmental clearance letter has already circulated in the local News Paper on 21.09.2007. Copy of the same has submitted again on 31.05.2010 to SPCB, Assam and CPCB Shillong.
14.	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 the project.	Already informed vide letter No. ARL/P&A/125-C/2007-08/7866 dated 25.09.07. Copy of the consent enclosed Vide letter no-WB/Z-V/T-1678/PT-I/1920/19/1668 Dated 20.03.2021 Valid up to 31 st . March 2022 Annex -9
15.	The central pollution control Boards, Ministry of Environment & Forest, Govt. of India in supersession of the Notification No(s) S.O.384 (e) dated 11.04.1994 and S.O.935(E) dated 14.10.1998 has notified new ambient Air quality standards (NAAQS) vide notifications no. 29016/2090/PCI-1 dated 18.11.2009 with immediate effect. 9Ref.Letter No. ONE/E/IN/10/364 Dated 12 th May ,2011	Strictly adhere to.
	In response to the Govt. letter No's. No J-11011/ 564 /2007-IA II (Date, August 2 nd 2010.)	



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01.	<p>The company shall upload the status of compliance of the stipulated environmental clearance conditions, including results of monitored data on its website and shall update same periodically.</p> <p>It shall simultaneously be sent to the Regional office of MOEF, the respective Zonal office of CPCB and the State pollution Control Board. The Levels of PM10, SO2, and NOx (Ambient levels) and emissions from the stacks shall be monitors</p> <p>And displayed at a convenient locations near the main gate of the company and at important public places.</p>	<p>Submitted and uploaded in our Co's website. www.assamroof.cm periodically.</p> <p>Annex-02 already attached</p>
2.	<p>The implementation of the projects Vis-à-vis environmental action plans shall be monitored by the concerned Regional office of the Ministry / SPCB/CPCB. A six monthly compliance status reports shall be submitted to monitoring agencies and shall be posted on the website of the company.</p>	<p>Strictly adhering to.</p> <p>Monitoring Reports Submitted.</p>
3.	<p>The project proponent shall also submit six monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both in hard copies & as by e-mail) to the respective regional office of MOEF, the respective Zonal office of CPCB and the State pollution control Board.</p>	<p>Strictly adhering to.</p>
4.	<p>The environmental statement for each financial year ending 31st. March in From-V as is mandated shall be submitted 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 of MOEF by E-mail.</p>	<p>Strictly adhering to.</p>
5.	<p>In case of change in the scope of the project, the company shall obtain fresh Environmental clearance.</p>	<p>Strictly adhering to.</p> <p>P/07</p>

