

COSMOS CEMENTS LIMITED

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Cosmos/EC/Compliance/18-19/1

Date: 04 /05/2018

To,

Additional Principal Chief Conservator of Forests (C),
Ministry of Environment, Forest and Climate Change,
Regional Office (NEZ),
Law-U-Sib, Lumbatngen, Near MTC Workshop,
Shillong, Meghalaya.

Subject: Six monthly compliance for conditions of Environment Clearance of integrated Cement Plant, Captive Power Plant at Salang under Sutnga Elaka and Captive Limestone mine at Sutnga–Nongkhlieh Ridge, Khliehriat, District East Jaintia Hills, Meghalaya of **M/S Cosmos Cement Limited.**

Ref: - 1. Environment Clearance letter no. **J-11011/417/2008- IA II (I); dated 25th August 2009**
2. Extension of Validity of Environmental Clearance vide letter no J-11011/ 417/2008-IA II (I)-Pt dated 18th May 2015.

Dear Sir,

In reference to above subject matter and referred letter, we are herewith submitting point wise compliance report of conditions laid down in environment clearance for the period from **October 2017 to March 2018** in hard and soft copy.

This is for your kind information please.

Thanking you,
Yours faithfully

For - M/s Cosmos Cement Limited.

Authorized Signatory



24.05.18

CC to:

- 1) The Member Secretary, Meghalaya State Pollution Control Board, “Arden” Lumpyngad, Shillong-793 014 Meghalaya
- 2) The Regional Director, Central Pollution Control Board (CPCB) North Eastern Zonal Office, "TUM-SIR", Lower Motinagar, Near Fire Brigade H.Q., Shillong - 793 014, Meghalaya

Recd
21/5/18

Environmental Clearance Compliance Report

Half Yearly Compliance Report- October 2017 – March 2018

Ref: MOEF, New Delhi Environment Clearance F. No. J-11011/417/2008- IA II (I)
Dated 25th August, 2009. Extension of validity of EC granted by MoEFCC vide letter
F.No.J-11011/417/2008-IA II (I)-Pt, dated 18th May 2015.

Name of the Project: Integrated Cement Plant (2.0 MTPA Cement Plant & 1.44 MTPA Clinker), Captive Power Plant (27 MW) at Salang under Sutnga Elaka and Captive Limestone Mine (2.30 MTPA, 230 ha.) at Sutnga–Nongkhlieh Ridge, Khliehriat, District East Jaintia Hills, Meghalaya by M/s Cosmos Cements Ltd.

Constriction/site development activities are yet to be started.

S.No	Conditions	Compliance Status
A.	Specific Conditions	
i.	No construction work at the proposed project site shall be started without obtaining prior clearances / approvals for the linked mining component from the Indian Bureau of Mines (IBM) and State Govt. of Meghalaya. A copy of the mining lease approval from the Indian Bureau of Mines (IBM) and State Govt. of Meghalaya shall be submitted to the Ministry and its Regional Office at Shillong before initiating any construction work related to mining at site.	Complied: All the desired clearances/consents/approvals from the competent authorities have been obtained & submitted to MoEF&CC and regional offices. However, construction work at site is yet to be started.
ii.	No mining activity shall be initiated for the phase II without prior approval of the Ministry	Accepted.
iii	As proposed, Electrostatic precipitators (ESPs) shall be provided to clinker cooler of cement plant and captive power plant to control particulate matters from the cement plant and captive power plant within 50 and 100 mg/Nm ³ respectively. Bag house shall be provided to cement mill and raw mill / kiln to control SPM emissions. Bag filters shall be provided to crushers, coal drying & grinding unit, hopper blending silo/kiln feed, raw mill hopper, cement silo, cement silo top, packing plant and at all other	Noted for Compliance

S.No	Conditions	Compliance Status
	places including transfer points, venting auxiliaries etc. to reduce particulate matter.	
iv	Continuous monitoring system to monitor gaseous emissions shall be provided and limit of SPM shall be controlled within 50 mg/Nm ³ in the cement plant and 100 mg/Nm ³ in the captive power plant by installing adequate air pollution control system. Data on ambient air quality, stack emissions and fugitive emissions shall be uploaded on the Company's website and also regularly submitted on-line to the Ministry's Regional Office at Shillong, Meghalaya State Pollution Control Board (MSPCB) and Central Pollution Control Board (CPCB) as well as hard copy once in six months.	Noted for Compliance
v	Possibilities shall be explored for the proper and full utilization of gases generated from the kiln in waste heat recovery boiler (WHRB) and a feasibility report shall be prepared and submitted to the Ministry and its Regional Office at Shillong within 3 months from the date of issue of the letter.	Noted for Compliance Possibilities can only be explored on commissioning of the Plant so that actual scenario may be taken into account and implemented. Feasibility report of same will be prepared and submitted on commissioning.
vi	The company shall install adequate dust collection and extraction system to control fugitive dust emissions at various transfer points, raw mill handling (unloading, conveying, transporting, stacking), vehicular movement, bagging and packing areas etc. Crusher shall be operated with high efficiency bag filters. All conveyers shall be covered with GI sheets. Covered sheds for storage of raw materials and fully covered conveyers for transportation of materials shall be provided besides coal, cement, fly ash and clinker shall be stored in silos. Pneumatic system shall be used for fly ash handling	Noted for compliance
vii	Dust suppression by regular water sprinkling shall be carried out in cement plant, CPP, limestone mine lease critical areas prone to air pollution and having high levels of SPM and RPM such as haul road,	Noted for Compliance

S.No	Conditions	Compliance Status
	loading and unloading points, transfer points and other vulnerable areas to control fugitive emissions. Fugitive emissions shall also be controlled by dust suppression and water sprinkling systems during excavation, handling overburden and its transport and dumping in mine lease area. It shall be ensured that the ambient air quality parameters conform to the norms prescribed by the Central Pollution Control Board in this regard	
viii	Efforts shall be made to reduce impact of the transport of the raw materials and end products on the surrounding environment including agricultural land. All the raw materials including fly ash shall be transported in the closed containers only and should not be overloaded. Vehicular emissions shall be regularly monitored	Noted for Compliance
ix	Secondary fugitive emissions from all the sources shall be controlled within the latest permissible limits issued by the Ministry and regularly monitored. Guidelines / Code of Practice issued by the CPCB shall be followed.	Noted for compliance
x.	Efforts shall be made to reduce impact of the transport of the raw materials and end products on the surrounding environment including agricultural land. All the raw materials including fly ash shall be transported in the closed containers only and should not be overloaded. Vehicular emissions shall be regularly monitored. Measures shall be taken for maintenance of vehicles used in mining operations and in transportation of mineral	Noted for Compliance
xi	Asphalting/concreting of roads and water spray all around the critical areas prone to air pollution and having high levels of SPM and RPM shall be ensured	Noted for Compliance
xii.	Total water requirement from Kwai River or natural water springs in the region shall not exceed 2,125 m ³ /day. The water stored in the artificial reservoir made in the mine	Noted for Compliance It is proposed to draw water from the Kwai River or natural Springs and Ground water and it will be ensured that the total water

S.No	Conditions	Compliance Status
	<p>pit shall be used maximum to reduce water consumption. Water efficient technology like air-cooled condenser to captive power plant shall be provided to conserve water. The effluent from de-mineralization plant of captive power plant shall be neutralized in neutralization pit and recycled/reused in the process and other plant related activities i.e. cooling, dust suppression and green belt development etc. 'Zero' discharge shall be strictly adopted and no effluent shall be discharged from the cement plant, captive power plant and mine outside the premises to any nearby water body/river etc</p>	<p>consumption shall not exceed 2125 m³/day.</p> <p>The plant is proposed to be commissioned with water efficient technology like air-cooled condenser to captive power plant. The plant is based on dry-process technology.</p> <p>The effluent from de-mineralization plant of captive power plant shall be neutralized in neutralization pit and recycled/reused in the process and other plant related activities i.e. cooling, dust suppression and green belt development etc. 'Zero' discharge shall be strictly adopted and no effluent shall be discharged from the cement plant, captive power plant and mine outside the premises to any nearby water body/river etc.</p>
xiii.	<p>Permission for the drawl of 2,125 m³/day water from Kwai River, natural springs and ground water sources shall be obtained from the concerned department.</p>	<p>Complied</p> <p>Permission for drawl of water have been obtained from CGWA vide letter no.21-4(41)/NER/CGWA/2012-217; CGWA/IND/Proj/2012-1334 dated 05th Feb 2013 and renewed vide letter dated 03rd June 2016.</p>
xiv.	<p>Domestic effluent shall be treated in Sewage Treatment Plant (STP) in colony and in septic pits followed by soak pits in cement plant and mine lease area. All the treated wastewater shall be used for gardening / agricultural purposes and dust suppression. Domestic waste from colony and STP shall be segregated into bio-degradable and non-biodegradable. Bio-degradable waste shall be composted and non-biodegradable waste shall be disposed off in environment-friendly manner or filled at identified sites only after proper treatment. Effluent Treatment Plant (ETP) shall also be provided for workshop and mineral separation plant for the treatment of wastewater.</p>	<p>Noted for Compliance</p>
xv.	<p>Detailed hydrological study shall be carried out and implementation of recommendations of the detailed hydrological study shall be ensured</p>	<p>Complied</p> <p>Detailed Hydrological study has been carried out by the Hydro-Geosurvey Consultants Pvt. Ltd., Jodhpur, Rajasthan and copies of same have been submitted to Ministry as well as</p>

S.No	Conditions	Compliance Status
		CGWA. During the operation of the plant and mines, recommendations of the study shall be ensured.
xvi	The project proponent shall ensure that no natural water course shall be obstructed due to any mining operations	Noted for Compliance It will be ensured that no natural water course shall be obstructed due to any mining operations.
xvii	Catch drains and siltation ponds of appropriate size shall be constructed for the working pit, inter burden and mineral dumps to arrest flow of silt and sediment. The water so collected shall be utilized for watering the mine area, roads, green belt development etc. The drains shall be regularly desilted, particularly after monsoon, and maintained properly.	Noted for Compliance It is proposed to construct catch drains and siltation ponds for the working pit, inter burden and mineral dumps to arrest flow of silt and sediment. The water so collected shall be utilized for watering the mine area, roads, green belt development etc. The drains shall be regularly desilted, particularly after monsoon, and maintained properly.
xviii	Garland drain of appropriate size, gradient and length shall be constructed for both mine pit and inter burden dumps and sump capacity shall be designed keeping 50% safety margin over and above peak sudden rainfall (based on 50 years data) and maximum discharge in the area adjoining the mine site. Sump capacity should also provide adequate retention period to allow proper settling of silt material. Sedimentation pits shall be constructed at the corners of the garland drains and desilted at regular intervals.	Noted for Compliance
xix.	Regular monitoring of ground water level and quality shall be carried out by establishing a network of existing wells and constructing new piezometers at suitable locations by the project proponent in and around project area in consultation with Regional Director, Central Ground Water Board. The frequency of monitoring shall be four times a year- pre-monsoon (April / May), monsoon (August), post-monsoon (November), and winter (January). Data thus collected shall be sent at regular intervals to Ministry of Environment and Forests and its Regional Office at Shillong, Central Ground Water Authority and	Noted for Compliance Once plant comes into operation, same shall be followed/complied.

S.No	Conditions	Compliance Status
	Central Ground Water Board.	
xx	Suitable conservation measures to augment ground water resources in the area shall be planned and implemented in consultation with Regional Director, Central Ground Water Board.	Noted for Compliance During plant operation, same shall be complied in consultation with Regional Director, Central Ground Water Board.
xxi	Project proponent shall take appropriate mitigative measures to prevent pollution of nearby River and other surface water body, if any	Noted for Compliance
xxii	All the bag filter dust, raw meal dust, coal dust, clinker dust and cement dust from pollution control devices shall be recycled and reused in the process and used for cement manufacturing. Clay & shale generated as solid waste in the mine area shall be used for manufacturing clinker. Refractory bricks shall be sold to authorized agencies. ETP sludge shall be dried, compressed and used for land filling. Treated sewage shall be used as manure for green belt development. Waste oil, grease and scrapped automobile batteries shall be provided to the authorized recyclers/ re-processors.	Noted for Compliance Once the plant commences operation, the conditions shall be complied.
xxiii	An effort shall be made to use of high calorific hazardous waste in the cement kiln and necessary provision shall be made accordingly	Noted for Compliance On the commencement of the operation of the plant, the unit will make effort to use hazardous wastes in their kiln subject to availability and feasibility and necessary provisions shall be made accordingly.
Xxiv	Efforts shall be made to use low grade lime, more fly ash and solid waste in the cement manufacturing.	Noted for Compliance
xxv	All the fly ash shall be utilized as per Fly Ash Notification, 1999 subsequently amended in 2003. Efforts shall be made to use fly ash maximum in making Pozollona Portland Cement (PPC). Fly ash shall be stored in silos and transported pneumatically to the cement plant and used for the manufacture of PPC. Bed Ash shall be conveyed pneumatically to a bed ash	Noted for Compliance

S.No	Conditions	Compliance Status
	storage silo for further use as a boiler bed material	
xxvi	Open cast fully mechanized method of mining shall be adopted and no change in mining technology and scope of working shall be made without prior approval of the Ministry of Environment & Forests.	Noted for Compliance
xxvii	Wet drilling blasting method and provision for the control air emissions during blasting using dust collectors etc. shall be used	Noted for Compliance On the commencement of operation it shall be complied.
xxviii	Blasting operation shall be carried out only during the daytime. Controlled blasting shall be practiced. The mitigative measures for control of ground vibrations and to arrest fly rocks and boulders shall be implemented.	Noted for Compliance On the commencement of operation it shall be complied.
xxix	Deep hole wet drilling sequential blasting method shall be adopted to control ground vibration and noise and provision for the control air emissions during blasting using such as dust collectors/extractors etc. shall be made. Blasting operation shall be carried out only during the daytime and one bench at a time shall be blasted. Controlled blasting shall be practiced. The mitigative measures for control of ground vibrations and to arrest fly rocks and boulders shall be implemented. 'No objection certificate' from the Chief Controller of Explosives shall be obtained.	Noted for Compliance On the commencement of operation it shall be complied. 'No objection certificate' from the Chief Controller of Explosives shall be obtained before commencement of the mining operation.
xxx	Bench height, width and slope for individual bench shall be properly assessed and implemented. Adequate measures shall be adopted to stabilize the slope before abandonment. The fencing around the reservoir shall be provided to prevent accidents.	Noted for Compliance Bench height, width and slope for individual bench shall be properly assessed and implemented as per the IBM guidelines and IBM approved Mining Plan. Adequate measures shall be adopted to stabilize the slope before abandonment.
xxxi	The project proponent shall modify the mine plan of the project at the time of seeking approval for the next mining scheme from the Indian Bureau of Mines so as to reduce the area for external over burden dump by suitably increasing the	Noted for Compliance

S.No	Conditions	Compliance Status
	height of the dumps with proper terracing. It shall be ensured that the overall slope of the dump does not exceed 28 ⁰ .	
xxxii	The void left unfilled in the mining area shall be converted into water body. The higher benches of excavated void/mining pit shall be terraced and plantation done to stabilize the slopes. The slope of higher benches shall be made gentler for easy accessibility by local people to use the water body. Peripheral fencing shall be carried out along the excavated area	Noted for Compliance
xxxiii	Top soil, if any, shall be stacked with proper slope at earmarked site(s) only with adequate measures and shall be used for reclamation and rehabilitation of mined out areas.	Noted for Compliance Top Soil, shall be stored with adequate measures and shall be used for reclamation and rehabilitation of mined out areas.
xxxiv	The inter burden and other waste generated shall be stacked at earmarked dump site(s) only and should not be kept active for long period. The total height of the dumps shall not exceed 30 m in three terraces of 10 m each and the overall slope of the dump shall be maintained to 28 ⁰ . The inter burden dumps shall be scientifically vegetated with suitable native species to prevent erosion and surface run off. Monitoring and management of rehabilitated areas should continue until the vegetation becomes self-sustaining. Compliance status shall be submitted to the Ministry of Environment & Forests and its Regional Office, Shillong on six monthly bases	Noted for Compliance On the commencement of operation, the same shall be complied. Compliance status shall be submitted to the Ministry of Environment & Forests and its Regional Office, Shillong on six monthly basis.
xxxv	Action plan for the mining, management of over burden (removal, storage, disposal etc.), reclamation of the mined out area and mine closure shall be submitted to the Ministry and its Regional Office at Shillong and implemented in a time bound manner.	Complied IBM Approved Mining Plan containing the action plan for the mining, management of over burden (removal, storage, disposal etc.), reclamation of the mined out area and mine closure already submitted to the Ministry and its Regional Office at Shillong and will be strictly implemented in a time bound manner.
xxxvi	Dimension of the retaining wall at the toe of inter burden dumps and inter burden benches within the mine to check run-off	Noted for Compliance

S.No	Conditions	Compliance Status
	and siltation shall be based on the rain fall data.	
xxxvii	Rain water collected from the roof top shall be injected into the ground through injection wells to recharge the ground water table.	<p>Noted for Compliance</p> <p>Rain water collected from the roof top shall be injected into the ground through injection wells to recharge the ground water table depending upon the technical feasibility of same.</p>
xxxviii	As proposed, green belt shall be developed in at least 53 ha (33%) in cement plant and in 38 ha out of total 230 ha. mine lease area (183 ha. to be mined out) as per the CPCB guidelines in consultation with local DFO to mitigate the impact of fugitive emissions. A 7.5 meter wide green belt shall also be developed all around the mine area. A long term action plan for the plantation / afforestation / green belt development etc. shall be prepared and submitted to the Ministry and its Regional Office at Shillong and implemented. Efforts shall be made to do plantation in all the mined out area except used for reservoir. Further efforts shall be made to maintain the area properly already afforested	<p>Noted for Compliance</p> <p>Green belt shall be developed in at least 53 ha (33%) in cement plant and in 38 ha out of total 230 ha. mine lease area (183 ha. to be mined out) as per the CPCB guidelines in consultation with local DFO to mitigate the impact of fugitive emissions.</p> <p>A 7.5 meter wide green belt shall also be developed all around the mine area.</p> <p>Efforts shall be made to do plantation in all the mined out area except used for reservoir. Further efforts shall be made to maintain the area properly already afforested</p>
xxxix	A final Mine Closure Plan along with details of Corpus Fund shall be submitted to the Ministry of Environment & Forests 5 years in advance of final mine closure for approval.	<p>Noted for Compliance</p> <p>Shall be submitted to MoEF&CC, five years in advance of final mine closure for approval.</p>
xl	The project proponent shall modify the mine plan of the project at the time of seeking approval for the next mining scheme from the Indian Bureau of Mines so as to reduce the area for external over burden dump by suitably increasing the height of the dumps with proper terracing. It shall be ensured that the overall slope of the dump does not exceed 28 ^o .	<p>Noted for Compliance</p> <p>Action will be taken as desired</p>
xli	The project proponent shall take all precautionary measures during mining operation for conservation and protection of endangered fauna. Action plan for conservation of flora and fauna shall be	<p>Noted for Compliance</p> <p>As per the study no endangered fauna were reported to be found in the area. Although all precautionary measures shall be taken during</p>

S.No	Conditions	Compliance Status
	prepared and implemented in consultation with the State Forest and Wildlife Department. Necessary allocation of funds for implementation of the conservation plan shall be made and the funds so allocated shall be included in the project cost. Copy of action plan may be submitted to the Ministry and its Regional office within 3 months from the date of issue of this letter.	mining operation for conservation and protection of endangered fauna if found. A flora-fauna study report of the area has been submitted along with June-2010 Half-Yearly Compliance Report.
xlii	Rehabilitation and Resettlement Plan for the project affected population including tribals as per the policy of the State Govt. in consultation with the State Govt. of Meghalaya shall be implemented. Compensation paid in any case shall not be less than the norms prescribed under the National Resettlement and Rehabilitation Policy, 2007.	Complied No rehabilitation and resettlement involved in this project.
xliii	'Permission' and 'Recommendations' of the State Forest Department regarding impact of cement plant and mining activities on the surrounding Saipung RF (10 km E) shall be obtained and implemented. Further, Conservation Plan for the conservation of wild fauna in consultation with the State Forest Department shall be prepared and implemented.	Noted for Compliance No schedule I species were recorded in the study area during baseline study conducted for preparation of EIA/EMP for Environmental Clearance. Hence, preparation of conservation plan and its approval is not applicable
xliv	All the safety norms stipulated by the Director General, Mine & Safety (DGMS) shall be implemented.	Noted for Compliance All the safety norms stipulated by the Director General, Mine & Safety (DGMS) shall be implemented.
xlv	'Consent to Operate' shall be obtained from Meghalaya State Pollution Control Board (MSPCB) before starting enhanced production from the mine.	Noted for Compliance 'Consent to Operate (CTO)' will be obtained from Meghalaya State Pollution Control Board (MSPCB) before starting production from the mine.
xlvi	Acoustic enclosures shall be provided to control noise wherever necessary. Mine machine shall be provided with silencers. Noise shall also be controlled from cooler fans, compressor house, cement mill and raw mill, cement plant and drilling	Noted for Compliance

S.No	Conditions	Compliance Status
	machines, excavator, blasting at mine site using appropriate noise control measures.	
xlvi	All the recommendations made in the Charter on Corporate Responsibility for Environment Protection (CREP) for the Steel plants shall be implemented.	Noted for Compliance All the recommendations made in the CREP for the Cement plants shall be implemented. In EC Steel Plant is written, that should be corrected to <i>Cement Plant</i> .
xlvi	The company shall comply with the commitments made during public hearing held on 7 th January, 2009.	Noted for Compliance The company will comply with the commitments made during public hearing held on 7 th January, 2009 on commencement of operation.
xlix	The company shall provide housing for 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.	Noted for Compliance As far as possible local people will be hired. Although, the company will provide housing in the form of temporary structures for 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.
B	GENERAL CONDITIONS	
i.	Project authority must adhere to the stipulations made by Meghalaya State Pollution Control Board (MSPCB) and State Government	Noted for Compliance
ii.	No further expansion or modification of the plant shall be carried out without prior approval of this Ministry	Noted for Compliance No further expansion or modification of the plant shall be carried out without prior approval from the Ministry.
iii.	At least four ambient air quality monitoring stations shall be established in the downward direction as well as where maximum ground level concentration of SPM, SO ₂ and NO _x are anticipated in consultation with the Meghalaya State Pollution Control Board. Data on ambient air quality and stack emissions shall be regularly submitted to this Ministry including its Regional Office at Shillong and Meghalaya State Pollution Control	Noted for Compliance On the commencement of production, at least four ambient air quality monitoring stations shall be established in the downward direction as well as where maximum ground level concentration of SPM, SO ₂ and NO _x are anticipated in consultation with the Meghalaya State Pollution Control Board, and monitoring data of ambient air quality and stack emissions shall be submitted regularly as desired.

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	Board once in six months.	
iv	Industrial waste water shall be properly collected and treated so as to conform to the standards prescribed under GSR 422 (E) dated 19th May, 1993 and 31st December, 1993 or as amended from time to time. The treated wastewater shall be utilized for plantation purpose.	<p>Noted for Compliance</p> <p>During the operation of the plant industrial wastewater shall be properly collected and treated so as to conform to the standards prescribed under GSR 422 (E) dated 19th May, 1993 and 31st December, 1993 or as amended from time to time.</p> <p>The treated wastewater shall be utilized for plantation purpose.</p>
v.	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 Environmental (Protection) Act, 1986 Rules, 1989 viz. 75 dBA (day time) and 70 dBA (night time).	<p>Noted for Compliance</p> <p>During the operation of the plant, 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.</p> <p>The ambient noise levels shall conform to the standards prescribed under Environmental (Protection) Act, 1986 Rules, 1989 viz. 75 dBA (day time) and 70 dBA (night time)</p>
vi	Proper housekeeping and adequate occupational health programmes must be taken up. Occupational Health Surveillance programme shall be done on a regular basis and records maintained. The programme must include lung function and sputum analysis tests once in six months.	<p>Noted for Compliance</p> <p>During the construction and Operational phase of the plant and mine proper housekeeping and adequate occupational health programmes will be taken up.</p> <p>Occupational Health Surveillance programme shall be done on a regular basis and records maintained. The programme includes lung function and sputum analysis tests once in six months.</p>
vii	The company shall harvest the rainwater from the roof tops and storm water drains to recharge the ground water	<p>Noted for Compliance</p> <p>Rainwater harvesting will be practiced and measures shall be taken to recharge the ground water once the plant commences operation.</p>
viii	The company shall undertake eco-development measures including community welfare measures in the project area	<p>Noted for Compliance</p> <p>Action will be taken as desired.</p>
ix	The project proponent shall also comply	<p>Noted for Compliance</p>

S.No	Conditions	Compliance Status
	with all the environmental protection measures and safeguards recommended in the EIA/EMP	All the environmental protection measures and safeguards recommended in EIA/EMP will be followed and complied.
x	A separate environmental management cell with full-fledged laboratory facilities to carry out various management and monitoring functions shall be set up under the control of Senior Executive	Noted for Compliance A separate Environment management Cell common for the Plant and Mines will be set up under the control of Senior executive and he will execute and implement the entire environmental management plan for the plant and mines.
xi	As proposed, Rs. 22.00 Crores and Rs. 4.28 Crores shall be earmarked towards capital cost and recurring cost/annum for the environmental protection measures to implement the conditions stipulated by the Ministry of Environment and Forests as well as the State Government and submit implementation schedule for all the conditions stipulated herein to the Regional Office of this Ministry at Shillong / Central Pollution Control Board / Meghalaya State Pollution Control Board. The funds so provided shall not be diverted for any other purposes.	Noted for Compliance The funds so provided are exclusively for the implementation of the Environment Management Plan and shall not be diverted for any other purpose. Implementation schedule for all the conditions stipulated herein shall be submitted to the Regional Office of this Ministry at Shillong / Central Pollution Control Board / Meghalaya State Pollution Control Board.
xii	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 commencing the land development work.	Noted for Compliance The Regional Office as well as the Ministry will be informed as desired.
xiii	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 Meghalaya State Pollution Control Board 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	Complied EC Advertisements as specified were advertised in English (Meghalaya Guardian - dated 27th Sept'09) and Khasi (Mawphor - dated 25th Sept'09). A Copy of Environmental clearance have been submitted to Meghalaya State Pollution Control Board, MoEF Regional Office at Shillong, DC Office - Jowai, and ADC office - Khliehriat and offices of the local body like Office of Dolloi, Sutnga Elaka.

S.No	Conditions	Compliance Status
	concerned and a copy of the same shall be forwarded to the Regional office at Shillong.	
xiv	A copy of clearance letter shall be sent by the proponent to concerned Panchayat, Zila 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 web site of the company by the proponent.	<p>Complied</p> <p>EC letter were sent to the Dolloi, Sutnga Elaka, MSPCB.</p> <p>It is available on the website: https://www.dalmiabharat.com/index62ee.html?act=cms-page&cat_id=16&id=83</p>
xv	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; SPM, RSPM, SO ₂ , 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>Complied</p> <p>The Status of Compliance is uploaded on company's website.</p> <p>It is also simultaneously sent to the Regional Office of the MOEF, the respective Zonal Office of CPCB and the SPCB.</p> <p>Data on the criteria pollutant levels namely; SPM, RSPM, 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 once the plant commences operation.</p>
xvi	The project proponent shall also submit six monthly reports on the status of the compliance of the stipulated environmental conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MOEF, the respective Zonal Office of CPCB and the SPCB. The Regional Office of this Ministry at Shillong / CPCB / Meghalaya PCB shall monitor the stipulated conditions.	<p>Complied</p> <p>It is being done as desired and committed to continue the same in future.</p>
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	<p>Noted for Compliance</p> <p>Form-V shall be submitted on the commencement of operation. Environmental Clearance and its Half-Yearly Compliance are available in Public domain on the website of</p>

S.No	Conditions	Compliance Status
	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 Offices of the MOEF by e-mail.	the company. It is also sent to the N.E Regional Offices of the MOEF by post.