

**Name of the Project:** ADITYA LIME STONE MINES OF M/s ADITYA CEMENT WORKS **Project code:** M (Mines )

**Clearance Letter No.:** F. No. J-11015 / 58 /2006 – IA II (M) DATED 17<sup>TH</sup> May, 2007

**Period of Compliance Report:** April-2011 to September-2011

**A. Specific Conditions**

<b>SN</b>	<b>Conditions</b>	<b>Compliance Status</b>
	J-11015/4/2001-IA. II (M) dtd. 21.04.2004 & J-11015/4/2001-IA. II (M) dtd. 28.03.2005	All the conditions have been complied. Greenbelt has been developed as per the conditions.
i	All the conditions stipulated by SPCB in their NOC shall be effectively implemented.	All the conditions have been effectively implemented.
ii	Topsoil shall be stacked with proper slope with adequate measures and should be used for reclamation and rehabilitation of mined out areas	Top soil is being stacked separately with proper slope and is being presently used for plantation work in greenbelt development. About 2.16 lac tonnes of top soil is in stock. In future, surplus topsoil shall be used for reclamation and rehabilitation of mined out areas.
iii	Over burden should be stacked at earmarked dump site(s) only and should not be kept active for long period. The maximum height of the dump should not exceed 24m having three stages of 8m each and the over all slope of the dump shall not exceed to 28°. The OB dump should 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 should be submitted to the Ministry of Environment & Forests and its Regional Office located at Lucknow on six monthly basis.	Un-utilised Over burden (OB) and Inter-burden Clay rejects are being stacked at sites mentioned in the Mining plan / Mining scheme approved by Indian Bureau of Mines and dump dimensions & designs are as per the guidelines.  Presently, most of the dumps are active / at their initial stage. Maximum height attended is 16m having 2 stages. The earthen (protective) bunds made for fencing around the mining site with the help of OB/rejects have been stabilized by plantation over them.
iv	The entire backfilled area of 52.65ha shall be reclaimed and stabilized at the end of the mine life and converted into grazing land. The back filling should be carried out in such a manner that it is restored to the normal ground level.	Will be followed as per the guideline.
v	The void left unfilled in an area of 355.20ha 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	Will be followed as per the guideline.  Peripheral fencing (earthen bund) with plantation over them have been carried out all along the existing excavated area.
vi	Catch drains and siltation ponds of appropriate size should be constructed for the working pit, OB dumps and mineral dumps to arrest flow of silt and sediment. The water so collected should be utilized for watering the mine area, roads, green belt development, etc. The drains should be regularly desilted, particularly after monsoon and maintained properly. Garland drain (size, gradient and length) shall be constructed for both mine pit and OB dumps and sump capacity should 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 should be constructed at the corners of the garland drains and desilted at regular intervals.	Is in practice as per the guideline.  <ul style="list-style-type: none"> <li>• Catch drains and siltation ponds have been provided for working pit &amp; dump sites.</li> <li>• Water collected is being used for dust suppression, greenbelt development &amp; plant processing work.</li> <li>• The drains are regularly de-silted before &amp; after monsoon and are maintained in good condition.</li> <li>• Sump has been developed in the lower most bench with a total capacity of 17.5 lac m<sup>3</sup> (13.9 lac m<sup>3</sup> in Pit-1 and 3.6 lac m<sup>3</sup> in Pit-2).</li> </ul>

SN	Conditions	Compliance Status						
vii	Dimension of the retaining wall at the toe of dumps and OB benches within the mine to check run-off and siltation should be based on the rain fall data.	Is in practice as per the guideline. Retaining walls of 1.5 m. height have been provided all around the dump sites.						
viii	Plantation shall be raised in an area of 254.48ha including a green belt of adequate width around ML area, waste dumps, around water body, reclaimed area, roads, etc. by planting the native species in consultation with the local DFO/Agriculture Department. The density of the trees should be around 1500 plants per ha	As on 31.03.2011, plantation has been developed over an area of 88.75 ha. with 133128 no. of plants surviving. Width of greenbelt is maintained at 15 metre as per MOEF's condition. Density of plantation is as per the guideline. Plantation has been carried out in consultation with the Forest Deptt. as well with the consultancy of Prof. P. S. Dubey, Vikram University, Ujjain. Plantation work for the year 2010-11 : 16678 nos. of saplings planted & 14498 nos. surviving with survival rate of 87%. During the period April – Sept, 2011, 24500 saplings have been planted.						
ix	Regular monitoring of ground water level and quality should 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 should be four times a year- pre-monsoon (April / May), monsoon (August), post-monsoon (November), and winter (January). Data thus collected should be sent at regular intervals to Ministry of Environment and Forests, Central Ground Water Authority and Central Ground Water Board, Western region, Jaipur	Regular monitoring of ground water level and quality is being carried out as per the guideline. And data thus collected is being submitted to MOEF, New Delhi, MOEF Regional Office, Lucknow, CGWA, New Delhi and CGWB Western region, Jaipur at regular interval.  Regular monitoring is carried out in piezometer wells. The water level monitored in core zone and its surrounding area are as follows. <table border="1" data-bbox="802 902 1481 1160"> <thead> <tr> <th data-bbox="802 902 1118 1032">Quarter</th> <th data-bbox="1118 902 1481 1032">Water level as per piezometer wells (In metres, below ground level)</th> </tr> </thead> <tbody> <tr> <td data-bbox="802 1032 1118 1093">Apr – Jun, 2011 (Pre-monsoon season)</td> <td data-bbox="1118 1032 1481 1093">34.26 – 54.37</td> </tr> <tr> <td data-bbox="802 1093 1118 1160">Jul - Sep, 2011 (Monsoon season)</td> <td data-bbox="1118 1093 1481 1160">9.80 – 26.00</td> </tr> </tbody> </table>	Quarter	Water level as per piezometer wells (In metres, below ground level)	Apr – Jun, 2011 (Pre-monsoon season)	34.26 – 54.37	Jul - Sep, 2011 (Monsoon season)	9.80 – 26.00
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x	Suitable conservation measures to augment groundwater resources in the area shall be planned and implemented in consultation with Regional Director, Central Ground Water Board	Detailed scheme of suitable conservation measures have been submitted to CGWB and work has been carried out accordingly i.e. preservation of rain water inside mines pit, construction of check dams (2 nos.), roof top rain water harvesting, recharging by using old abandoned open wells, construction of contour bunds/ditches (1050m) and injection wells (10 nos).						
xi	Suitable rainwater harvesting measures on long term basis shall be planned and implemented in consultation with Regional Director, Central Ground Water Board.							
Xii	Prior permission from the Central Ground Water Authority shall be obtained for withdrawal of ground water for the enhanced production, keeping in view that Chittorgarh is a water scarce area from the ground water point of view.	Permission from the Central Ground Water Authority has been obtained for withdrawal of ground water vide their letter no. 21-4(26)/WR/CGWA/2005-734 dated 29.09.2009.						
xiii	The project proponent shall provide water to the nearby villages free of cost, in case the village wells go dry and/ or there is significant drop in water table due to dewatering of the mine	There is no dewatering of the mine. However, rain water is preserved in the bottommost bench of active mines pit. Water is supplied to villagers free of cost on need basis with the help of water tankers. Our Rural Development Cell looks after this aspect as a part of CSR activities.						
Xiv	The project proponent shall ensure that stream flowing through the mine lease area should remain undisturbed	There is no disturbance to the streams flowing through the mining lease area.						
Xv	The project proponent shall ensure that the commitment made during public hearing regarding providing of jobs should be implemented	Implemented.						

SN	Conditions	Compliance status
Xvi	Blasting operation should be carried out only during the daytime. Controlled blasting should be practiced. The mitigative measures for control of ground vibrations and to arrest fly rocks and boulders should be implemented	Blasting is carried out as per the guideline. <ul style="list-style-type: none"> <li>Blasting operation is carried out only during the daytime.</li> <li>Controlled blasting is carried out to minimise ground vibrations and to arrest fly rocks.</li> <li>Study is carried out through the consultancy of Deptt. of Mining Engineering, MBM Engineering College, Jodhpur.</li> </ul>
Xvii	Drills should either be operated with dust extractors or should be equipped with water injection system	Drill machines are equipped with dust extractors (bag filters) as well as water injection system.
Xviii	Vehicular emissions should be kept under control and regularly monitored. Measures shall be taken for maintenance of vehicles used in mining operations and in transportation of mineral. The vehicles should be covered with a tarpaulin and shall not be overloaded	Vehicular emission is kept under control by proper maintenance and by regular monitoring of fuel and lube oil consumption of Heavy Earth Moving equipments as well as auxiliary equipments. Monitoring of emissions is carried out. Limestone of the deposit is of compact/massive type and blasted limestone is in the form of small size boulders. Also, water is sprayed on blasted limestone. So, there is no generation of dust from the mineral loaded to the dumpers during their transportation. The vehicles / dumpers plight with their designated load.
Xix	Digital processing of the entire lease area using remote sensing technique should be done regularly once in three years for monitoring land use pattern and report submitted to Ministry of Environment and Forests and its Regional Office, Lucknow	The study is being carried out as per the guideline i.e. once in three years. The latest study has been carried out and the report has been submitted to MOEF, New Delhi and its Regional Office, Lucknow vide our letter no. AC/Mines/11-12/4897 dated 04.08.2011.
xx	The project proponent shall ensure that the public pathways in use in the area to be mined should be realigned, so as to provide continued access to the users of the pathways	Whenever our mine working approaches the public pathways, we realign and provide new pathways at our company's cost.
Xxi	Consent to operate should be obtained from SPCB before starting enhanced production from the mine	Consent to operate has been obtained from Rajasthan SPCB vide their letter no. F.12(CH-24)RPCB/Gr. Mines/924 dated 15.12.2007.
xxii	Crusher should be operated with high efficiency bag filters. The screening plant and all transfer and loading & unloading points should be provided with water spraying system and equipped with dust collector/ extraction system	Crusher and transportation systems have been equipped with high efficiency bag house systems / bag filters. All the transfer, loading and unloading points and screening plant are equipped with dust collector / extraction system / devices / water spraying system. Crusher operates with high efficiency (>99.99%) bag filters and photo-sensor operated water sprinklers.
xxiii	Sewage treatment plant should be installed for the colony. ETP should also be provided for workshop and mineral separation plant wastewater	Sewage treatment plant is already in operation at the colony. Oil-water separator has been installed for cleaning workshop water. There is no waste water at mineral separation plant. It is only mechanical screening of clay, which is a dry process.

SN	Conditions	Compliance Status
Xxiv	The project proponent should take all precautionary measures during mining operation for conservation and protection of endangered fauna such as baghera, jackal, wolf, palm civet, etc. spotted in the study area. Action plan for conservation of flora and fauna shall be 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	Action plan for conservation of flora and fauna has been prepared and has been approved by Divisional Forest Office, Chittorgarh. Copy of the same has been submitted to the Ministry and its Regional Office at Lucknow vide our letter no. AC/Mines/0910/2248 dated 28.05.2009. The implementation status is as follows. Protective earthen bunds have been developed all around the existing mine working areas. Water Pots (PARINDA – 200 nos.) have been put on trees for providing water to birds as the area is devoid of perennial surface water bodies. Grazing Land has been developed near village Amarpura. Pigeon huts have been provided in four nearby villages. As on 31.03.2011, plantation has been developed over an area of 88.75 ha. with 133128 no. of plants surviving. During the period April – Sept, 2011, 24500 saplings have been planted. Check dams (2 nos.) have been provided in ML area. Awareness has been generated among company employees as well as villagers through their participation in environment protection programmes (World Env. Day, Mines Env. Week, etc.), posters & slogans to protect animals, birds & trees in nearby areas. Security/patrolling team keeps vigilance against hunting of animals. Open water tanks (Kundi/Khel) have been provided at suitable locations to provide drinking water to animals in the area.
Xxv	A Final Mine Closure Plan along with details of Corpus Fund should be submitted to the Ministry of Environment & Forests 5 years in advance of final mine closure, for approval	Will be done as per the condition.

### **B. General Conditions**

SN	Conditions	Compliance Status																			
i	No change in mining technology and scope of working should be made without prior approval of the Ministry of Environment & Forests	Being followed. Technology and scope of working are unchanged.																			
ii	No change in the calendar plan including excavation, quantum of limestone and waste should be made	Being followed. Working is as per the IBM approved Mining Plan/Mining Scheme.																			
lii	Four ambient air quality-monitoring stations should be established in the core zone as well as in the buffer zone for RPM, SPM, SO <sub>2</sub> and Nox monitoring. Location of the stations should be decided based on the meteorological data, topographical features, and environmentally and ecologically sensitive targets in consultation with the State Pollution Control Board.  Data on ambient air quality (RPM, SPM, SO <sub>2</sub> and Nox) should be regularly submitted to the Ministry including its Regional Office located at Lucknow and the State Pollution Control Board / Central Pollution Control Board once in six months	As per the guideline, monitoring stations in core zone and buffer zone have been fixed with the approval of Rajasthan SPCB. The same is being followed.  Regular monitoring of air quality is being carried out as per the guideline. Six monthly reports are being submitted to MOEF, New Delhi and its Regional Office, Lucknow, Rajasthan SPCB and CPCB, Bhopal.																			
		Quarterly monitoring is carried out in both Core Zone and Buffer zone. The results for PM <sub>10</sub> are as follows. <table border="1"> <thead> <tr> <th rowspan="2">Quarter</th> <th colspan="2">Core zone</th> <th colspan="2">Buffer zone</th> </tr> <tr> <th colspan="4">PM<sub>10</sub> (microgram/m<sup>3</sup>)</th> </tr> </thead> <tbody> <tr> <td>Apr – Jun, 2011</td> <td>51.96 - 84.75</td> <td>47.81 - 52.04</td> <td></td> <td></td> </tr> <tr> <td>Jul – Sep, 2011</td> <td>39.73 – 52.57</td> <td>38.86 – 41.39</td> <td></td> <td></td> </tr> </tbody> </table>	Quarter	Core zone		Buffer zone		PM <sub>10</sub> (microgram/m <sup>3</sup> )				Apr – Jun, 2011	51.96 - 84.75	47.81 - 52.04			Jul – Sep, 2011	39.73 – 52.57	38.86 – 41.39		
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Jul – Sep, 2011	39.73 – 52.57	38.86 – 41.39																			
iv	Fugitive dust emissions from all the sources should be controlled regularly. Water spraying arrangements on haul roads, loading & unloading and at transfer points should be provided and properly maintained	We carry out wet drilling supported by bag filters, controlled blasting, water sprinkling on haul roads, at loading faces and at crusher unloading/transfer points. Bag house / filters have been provided in crushing plant. Monitoring of fugitive dust emission is carried out regularly and data is recorded properly.																			

SN	Conditions	Compliance Status
v	Measures should be taken for control of noise levels below 85 dBA in the work environment. Workers engaged in operations of HEMM etc. should be provided with ear plugs/ muffs	Suitable measures have been taken to control noise level, e.g. controlled blasting, confining high noise areas, proper maintenance of machines, AC/Closed cabins for operators, greenbelt development, etc. Ear plugs / muffs are provided to workers regularly.
vi	Industrial waste water (workshop and waste water from the mine) should be properly collected, treated so as to conform to the standards prescribed under GSR 422 (E) dated 19 <sup>th</sup> May, 1993 and 31 <sup>st</sup> December, 1993 or as amended from time to time. Oil and grease trap should be installed before discharge of workshop effluents	Waste water is generated only at mines workshop, which is treated with the help of oil-water separator. Quality of treated water is checked at regular interval and treated water is being re-cycled for equipment washing and surplus water is used for dust suppression, greenbelt development, etc. There is no discharge to outside environment.
vii	Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects.  Occupational health surveillance program of the workers should be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed	Dust masks are being provided. Training and information on safety and health aspects are being provided on regular basis. Our's is an OHSAS-18001 certified company. We have also adopted world class best practices with the consultancy of DuPont.  Health checkups of employees are done regularly. As per the medical reports, all the employees are found medically fit, both mentally and physically. No occupational disease like silicosis, lung cancer, hearing impairment, etc. has been detected.
viii	The project authorities should inform to the Regional Office located at Lucknow regarding date of financial closures and final approval of the project by the concerned authorities and the date of start of land development work.	The Project has been financed by Debt and Internal Accruals. The ratio of Debt and Internal Accruals is 3:1. Financial appraisal of the project has been completed by the ICICI. Date of start of land development was 25.12.2007.
ix	The funds earmarked for environmental protection measures should be kept in separate account and should not be diverted for other purpose. Year wise expenditure should be reported to the Ministry and its Regional Office located at Lucknow	Year-wise expenditure is being reported regularly to the Ministry of Environment & Forests, New Delhi and its Regional Office located at Lucknow. For the year 2010-11, it has been reported vide our letter no. AC/Mines/11-12/1340 dated 04.05.2011. For the year 2010-11, the expenditure was 148.37 Lac Rupees. For the year 2011-12, our proposal is 218.80 Lac Rupees.
x	The Regional Office of this Ministry located at Lucknow shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information / monitoring reports.	Full cooperation is being extended to the officer(s) of the Regional Office by furnishing the requisite data/information/monitoring reports.
xi	The project proponent shall submit six monthly report on the status of the implementation of the stipulated environmental safeguards to the Ministry of Environment and Forests, its Regional Office, Lucknow, Central Pollution Control Board and State Pollution Control Board	Being followed. Latest report was submitted to the Ministry of Environment and Forests, Director, Regional Office – Lucknow and Director, IA Division, New Delhi; Zonal Officer, Central Pollution Control Board – Bhopal (M.P.) and Rajasthan State Pollution Control Board, Jaipur vide our Letter No. ACW / QC / EC / EMR - 31 / 2011/2063 dated 24.05.2011.
xii	A copy of clearance letter will be marked to concerned Panchayat / local NGO, if any, from whom suggestion / representation, if any, was received while processing the proposal.	Submitted to Sarpanch, Gram Panchayat Sawa and to Sarpanch, Gram Panchayat Samri, Tehsil / Distt. Chittorgarh.
xiii	State Pollution Control Board should display a copy of the clearance letter at the Regional office, District Industry Centre and Collector's office/ Tehsildar's Office for 30 days	---

<b>SN</b>	<b>Conditions</b>	<b>Compliance Status</b>
xiv	The project authorities should advertise at least in two local newspapers widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with the State Pollution Control Board and also at web site of the Ministry of Environment and Forests at <a href="http://envfor.nic.in">http://envfor.nic.in</a> and a copy of the same should be forwarded to the Regional Office of this Ministry located Lucknow.	Advertised in Dainik Bhaskar as well as in Rajasthan Patrika dated 30.06.2007.  Copy of the same has been forwarded to the Regional Office of MOEF located at Lucknow vide our Letter No. AC/Mines/0708/3298 dated 03.07.2007.

**Name of the Project:** ADITYA CEMENT WORKS (A Unit of UltraTech Cement Ltd.) **Project code:** I (Industry)

**Clearance Letter No.:** F. No. J-11011 / 800 /2007 – IA II (I) DATED 19<sup>TH</sup> march, 2008

**Period of Compliance Report:** April-2011 to September-2011

**A. SPECIFIC CONDITIONS:**

Sl. No.	Conditions	Compliance Status
i	<p>Permission and recommendation of the State Forest Department regarding impact of proposed plant on surrounding reserve forests viz. Ravipahad RF (adjacent), Saidulnema RF (adjacent), Wazirabad RF (4.4 km), Pasupala bodu RF (4.2 km), Madinapadu RF (2.3 km) and Gamalapadu RF (2.3 km) shall be obtained. Conservation measures in consultation with the State Forest Department for Schedule I fauna under the Wildlife (Protection) Act, 1972, if any in the reserve forest shall be taken.</p>	<p>We have checked and confirmed that reserve forest as mentioned is not found in our plant surrounding. A request letter submitted in the MoEF vide our letter no. AC / QC / EC / 2008 dated 5<sup>th</sup> Sept.-08 to issue corrigendum with reference to this condition.</p>
ii.	<p>Electrostatic precipitators (ESP) shall be provided to boiler to control particulate matters within permissible limit. The stack height shall be maintained as per the RSPCB/CPCB guidelines to control air emissions from the boiler of the Captive Power Plant within 100 mg/Nm<sup>3</sup>. Continuous monitoring system to monitor gaseous emissions shall be provided and limit of SPM shall be controlled within 50 mg/Nm<sup>3</sup> by installing adequate air pollution control system and reports submitted to this Ministry including its Regional Office at Lucknow, RSPCB and CPCB once in six months.</p>	<p><b><u>Present Status:</u></b>                      ESP installed for Boiler of Captive Power Plant and emissions is always under control within permissible limit.                       Height of all the stacks (main sources of air pollution) provided as per the CPCB norms and keeps 98.0 mtr. height from ground level of Boiler ESP stack.                       Continuous monitoring system installed in new unit (Unit-II) and Captive Power Plant for Particulate Matter monitoring of all the main source of air Pollution.                       Unit-I is old plant and provided continuous monitoring system since inception for all the main stacks i.e. RM &amp; Kiln BH, Coal Mill, Cooler &amp; Cement Mill.                       On line gaseous emissions monitoring system installed for New TPP (2x25MW) and unit-II Raw Mill &amp; Kiln stack (main stack).                       SPM control within 50 mg/Nm<sup>3</sup> in Unit-II by installed efficient air pollution control system &amp; 100 mg/Nm<sup>3</sup> in Unit-I and its monitoring reports submitting regularly to RO office at Lucknow, RSPCB &amp; CPCB (Enclosed).</p>

Sl. No.	Conditions	Compliance Status
iii.	Secondary fugitive emissions shall be controlled and shall be within the prescribed limits and regularly monitored. Guidelines / Code of Practice issued by the CPCB in this regard shall be followed.	CPCB guidelines are being followed for controlling secondary fugitive emissions and maintain the records pertaining to this.
iv	The company shall install adequate dust collection and extraction system to control fugitive dust emissions at material transfer points by concreting/asphalting the roads, providing atomized water spray system with reclaimers, covered stockpile for clinker storage and gypsum, storage of fly ash in silo, water sprinkling at limestone and coal handling area. Storage of other raw materials shall be in closed roof sheds. Covered conveyor belts shall be used to reduce fugitive emissions.	All action has been taken in Unit-I & Unit-II for controlling of fugitive dust emissions at various locations in process like provided dust collectors at all the material transfer points, water spray system, covered clinker storage pile with adequate vent bag filters, fly ash storing in closed silo, water sprinkling at limestone and coal unloading points, gypsum and additives storing under the covered shed, pucca cemented/Bitumin road and flooring in entire plant area and all the conveyors belts are covered with GI sheet.
v	As proposed, total water requirement from bore well and mine pit after expansion shall not exceed the existing water requirement i.e. 2850 m <sup>3</sup> /day. Water efficient technology like air cooled condenser and efficient cooling tower shall be installed. All the waste water from the Power Plant shall be treated, recycled and reused in the process and other plant related activities i.e cooling, dust suppression and horticulture purpose etc. Domestic effluent shall be treated in Sewage Treatment Plant (STP) and used for green belt development and dust suppression. 'Zero' discharge shall be strictly adopted and no effluent from the process shall be discharged outside the premises.	After proposed expansion, water requirement will be maintained within 2850 m <sup>3</sup> /day in Unit-II by adopting water efficient technology in process. All the waste water generated from power plant and colony will be treated properly and then reused for horticulture and dust suppression purpose in plant and colony and maintaining zero discharge.
vi	'Permission' for the drawl of 2850 m <sup>3</sup> /day from bore wells shall be obtained from the State Ground Water Board / Central Ground Water Authority (SGWB/CGWA)	CGWA granted permission for 2500 m <sup>3</sup> /day withdrawal of ground water for Unit-II. Remaining water requirement will meet out from our mines reservoir for Unit-II (Plant & CPP-2x25 MW).  Presently rain water collecting in mines pit at lower most benches and same water is being used in cement plant process.

Sl. No.	Conditions	Compliance Status
vii	<p>All the fly ash shall be utilized in manufacturing of Pozzolana Portland Cement (PPC) itself. Efforts shall also be made to use low grade lime, more fly ash and solid waste in the cement manufacturing. The dust generated shall also be properly recycled and reutilized in the cement plant itself. STP sludge shall be used as manure for green belt development within the premises. Waste oil shall be sold to the authorized recyclers /reprocessors.</p>	<p>Fly ash generated from own Power Plant is being totally utilised in manufacturing of Portland Pozzolana Cement.</p> <p>Continuous efforts has been made for use of fly ash in making PPC. At present 28.11% Fly ash is being used for PPC manufacturing and producing PPC of 53.55 % of the total Cement production.</p> <p>By using of petcoke (Refinery waste) as a fuel in cement kiln, we are able to use of low grade limestone as a raw material resulting conserving of limestone and reducing waste generation (low grade limestone).</p> <p>Sludge generated from STP is being utilized as manure for green belt development within the premises.</p> <p>Waste oil generated from process equipments are being reused for lubrication and remaining quantity has been sold to CPCB authorized re-cyclers.</p>
viii	<p>An effort shall be made to use high calorific hazardous waste as fuel in the cement kiln and necessary provision should be made accordingly.</p>	<p>Presently we are successfully using ETP sludge from Textile process house industries, Bhilwara. Sludge having good calorific value ( 1600~2200 Kcal/kg) and using as alternate fuel along with coal in Cement Kiln from last five years. We are also using Paint Sludge of Maruti Suzuki India Limited, having good calorific value (~4000 Kcal/kg) as alternate fuel through separate feeding system in Kiln.</p>
ix.	<p>As proposed, green belt shall be developed in 63.08 ha.,out of total 240.42 ha. as per the CPCB guidelines in consultation with local DFO to mitigate the impact of fugitive emissions. Further efforts shall be made to maintain the area properly already afforested.</p>	<p>Presently 92.54 Hectare area covered for green belt development (38.49%) out of total 240.42 Ha. Available land. Total 2.51 lacs plantation has been done in plant and colony area and approx. 1.95 lacs plants are surviving (77%) as on 2010-11. Separate horticulture dedicated team is looking and taking care of plantation. Guidance has been taken with local DFO for plant species.</p>
x.	<p>All the recommendations of the Corporate Responsibility for Environment Protection (CREP) shall be strictly followed.</p>	<p>All the CREP recommendations has been followed.</p>

<b><u>B.</u></b>	<b><u>GENERAL CONDITIONS:</u></b>																						
<b>Sl. No.</b>	<b>Conditions</b>	<b>Compliance Status</b>																					
i	The project authority shall adhere to the stipulation made by Rajasthan State Pollution Control Board (RSPCB) and State Government.	We abide by the condition.																					
ii.	No further expansion or modification of the plant shall be carried out without prior approval of this Ministry.	Agreed and will be followed.																					
iii	The gaseous and particulate matter emissions from various units shall conform to the standards prescribed by the RSPCB. At no time, particulate emissions from the cement plant including kiln, coal mill, cement mill, cooler shall exceed beyond the permissible limit. Interlocking facility shall be provided in the pollution control equipment so that in the event of the pollution control equipment not working, the respective unit (s) is shut down automatically.	<p>Particulate matter emissions from various units will be maintained within the prescribed standards. Avg Ambient Air quality for the period 2011-2012 (up to Sept.-11) is as under:</p> <table border="1" data-bbox="831 725 1552 952"> <thead> <tr> <th data-bbox="831 725 1059 786">Period</th> <th colspan="5" data-bbox="1059 725 1552 786">(microgram/m<sup>3</sup>)</th> </tr> <tr> <td data-bbox="831 786 1059 853"></td> <th data-bbox="1059 786 1155 853">SPM</th> <th data-bbox="1155 786 1251 853">PM10</th> <th data-bbox="1251 786 1362 853">PM2.5</th> <th data-bbox="1362 786 1442 853">SO2</th> <th data-bbox="1442 786 1552 853">NOx</th> </tr> </thead> <tbody> <tr> <td data-bbox="831 853 1059 952">2011 – 2012 (up to Sept.-11)</td> <td data-bbox="1059 853 1155 952">182</td> <td data-bbox="1155 853 1251 952">44</td> <td data-bbox="1251 853 1362 952">20</td> <td data-bbox="1362 853 1442 952">21</td> <td data-bbox="1442 853 1552 952">25</td> </tr> </tbody> </table> <p>All the pollution control equipments are interlocked with process system which ensures the all the times running of pollution control equipments.</p>				Period	(microgram/m <sup>3</sup> )						SPM	PM10	PM2.5	SO2	NOx	2011 – 2012 (up to Sept.-11)	182	44	20	21	25
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v.	Industrial wastewater shall be properly collected, treated so as to conform to the standards prescribed under GSR 422 (E) dated 19 <sup>th</sup> May 1993 and 31 <sup>st</sup> December 1993 or as amended from time to time. The treated wastewater shall be utilized for plantation purpose.	Is being followed and already in practice.																					

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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 Environmental (Protection) Act, 1986 Rules, 1989 viz 75 dBA (day time) and 70 dBA (night time).	Ambient Noise maintaining in and around the plant area within 85 dB (A) norms prescribed under Environmental (protection) Act by suitable measures like enclosures, silencers, preventive maintenance practices.																					
vii.	Proper housekeeping and adequate occupational health programs shall be taken up. Occupational Health Surveillance programme shall be done on a regular basis and records maintained properly for at least 30-40 years. . The programme shall include lung function and sputum analysis tests once in six months. Sufficient preventive measures shall be adopted to avoid direct exposure to dust etc.	<p>Housekeeping is well maintained by regular sweeping of all the approach road by mobile vacuum cleaning m/c (04 nos.) and controlling of fugitive dust emissions are controlled by suitable measures at each and every step of process.</p> <p>Occupational health check up program is carried out regularly including lung function test at our well-established hospital.</p> <p>As per the hazards (dust, sound, Heat) we are doing the Audiometer, Spirometry, X-Ray Chest, Eye test by the ophthalmologist with remarks in separate medical form, E.C.G, Laboratory investigation as per his age group are carried out during the periodical medical examination and indoors in his personal medical file maintained at our Hospital, &amp; if anything found abnormal, refer him to further investigation &amp; treatment by the concerning specialist.</p> <p>Health check up record for the year 2011-2012 is as under:</p> <table border="1" data-bbox="831 1173 1465 1429"> <thead> <tr> <th data-bbox="831 1173 911 1205">S. No.</th> <th data-bbox="979 1173 1043 1205">Test</th> <th data-bbox="1241 1173 1465 1234">2011-12 (Up to Sept.-11)</th> </tr> </thead> <tbody> <tr> <td data-bbox="831 1234 911 1265">1.</td> <td data-bbox="979 1234 1289 1265">Audiometry(Hearing Test)</td> <td data-bbox="1299 1234 1465 1265">106 Nos.</td> </tr> <tr> <td data-bbox="831 1265 911 1296">2.</td> <td data-bbox="979 1265 1257 1296">Spirometry (Lung Test)</td> <td data-bbox="1299 1265 1465 1296">367 Nos.</td> </tr> <tr> <td data-bbox="831 1296 911 1328">3.</td> <td data-bbox="979 1296 1114 1328">Eye testing</td> <td data-bbox="1299 1296 1465 1328">1694 Nos.</td> </tr> <tr> <td data-bbox="831 1328 911 1359">4.</td> <td data-bbox="979 1328 1145 1359">X-Ray (Chest)</td> <td data-bbox="1299 1328 1465 1359">456 Nos.</td> </tr> <tr> <td data-bbox="831 1359 911 1391">5.</td> <td data-bbox="979 1359 1177 1391">Lab-investigation</td> <td data-bbox="1299 1359 1465 1391">1694 Nos.</td> </tr> <tr> <td data-bbox="831 1391 911 1422">6.</td> <td data-bbox="979 1391 1273 1422">Periodical Medical Exams</td> <td data-bbox="1299 1391 1465 1422">1694 Nos</td> </tr> </tbody> </table> <p>So far there is no any Occupational disease are identifies in our staff / workers / Loaders / Contractor workers.</p> <p>Till date, as such no suspected case of active pulmonary tuberculosis reported in our plant hence we feel sputum analysis is not required.</p>	S. No.	Test	2011-12 (Up to Sept.-11)	1.	Audiometry(Hearing Test)	106 Nos.	2.	Spirometry (Lung Test)	367 Nos.	3.	Eye testing	1694 Nos.	4.	X-Ray (Chest)	456 Nos.	5.	Lab-investigation	1694 Nos.	6.	Periodical Medical Exams	1694 Nos
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viii.	The company must harvest the rainwater from the rooftops and storm water drains to recharge the ground water and same water for the various activities of the project to conserve fresh water.	<p>Rainwater is being properly collected through rooftops under the Rainwater Harvesting Scheme implemented by Aditya Cement.</p> <p>We are collecting rain water in mined out pit in our lime stone mines area and the present water storage capacity is ~ 15.0 lacs CUM.</p> <p>Status of total rain water harvesting projects completed (to date) in plant, colony and near by villages are as under:</p> <ol style="list-style-type: none"> <li>1. Roof top harvesting - 34 Nos.</li> <li>2. Old bore well recharging – 08 Nos.</li> <li>3. Open well recharging - 02 no.</li> <li>4. Recharging pit at nalaha – 06 nos.</li> <li>5. Water shed project - 01 no.</li> </ol>
ix.	The company shall undertake eco-development measures including community welfare measures in the project area.	<p>This is our regular activities and carried out through well established our Corporate Social Responsibility (CSR) deptt. The various activities are being carried out during the year 2010-11 for beneficiary of near by villages and total 97473 nos. people benefited by company establish CSR deptt.</p> <p>CSR teams of Aditya Cement &amp; Vikram Cement (Units of Grasim Industries Ltd.) have jointly been nominated to receive the most prestigious TERI award in the category of health for all. This CSR award has been begged by any unit of ABG first since its inception.</p>
x.	The project proponent shall also comply with all the environmental protection measures and safeguard recommended in the EIA / EMP.	Complied.
xi.	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.	<p>A separate environmental management cell is already functioning under the control of HOD (QC ) &amp; Functional Head (Technical). Separate environmental lab set up has been done in Unit-II CCR bldg with all the monitoring facilities.</p>
xii.	As proposed Rs.12.45 Crores allocated towards the environmental pollution control measures shall be used exclusively to implement the conditions stipulated by the Ministry of Environment and Forests as well as the State Government. Time bound implementation schedule for implementing all the conditions stipulated herein shall be submitted to the Ministry. The funds so provided shall not be diverted for any other purposes.	Completed.
xiii	The Regional Office of this Ministry at Lucknow / CPCB/ RSPCB shall monitor the stipulated conditions. A six monthly compliance report and the monitored data along with statistical interpretation shall be submitted to them regularly.	Refer attached monitoring report.

<b>Sl. No.</b>	<b>Conditions</b>	<b>Compliance Status</b>
xiv	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.	Informed in Regional office and Ministry against earlier environment clearance issued for Unit-II and Captive Power Plant vide our letter no AC / U-II / QC / EC / 2007 / 1401 dated 12.05.2007.
xv.	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 State Pollution Control Board / Committee 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> . 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 shall be forwarded to the Regional Office at Lucknow.	As per guidelines, we have made advertisement in two local newspapers and submitted the copy in RO office of MoEF at Lucknow vide our letter no. AC / QC / EC / 2008 dated April 9, 2008.

**Name of the Project:** ADITYA CEMENT WORKS (A Unit of UltraTech Cement Ltd.) **Project code:** I (Industry)

**Clearance Letter No.:** F. No. J-11011 / 930 /2008 – IA II (I) Dated 25<sup>TH</sup> August, 2009

**Period of Compliance Report:** April-2011 to September-2011

**A. SPECIFIC CONDITIONS:**

S.N.	Conditions	Compliance Status															
I)	As proposed, no new equipment shall be installed. Increase in clinker/cement production capacity shall be achieved by change in raw mix, increase in equipment availability and increase in kiln speed only. The increase in cement capacity shall also be achieved by adding fly ash from the existing captive power plant.	Is Being Followed.															
ii)	Continuous stack monitoring facilities to monitor gaseous emissions from all the stacks shall be provided. At no time, particulate emissions from the existing (Unit I) and proposed plant (Unit II) shall be maintained within 100 mg/Nm <sup>3</sup> and 50 mg/Nm <sup>3</sup> respectively by installing adequate air pollution control system. As proposed, Electrostatic precipitators (ESP) to cooler and cement mill and bag house to kiln and raw mill, coal mill etc shall be provided. Interlocking facility shall be provided in the pollution control equipment so that in the event of the pollution control equipment not working, the respective unit (s) is shut down automatically.	<p>Continuous stack monitoring facilities provided for particulate matter emissions for all the main stacks of Unit - I &amp; Unit- II i.e. Raw Mill&amp; Kiln, Coal Mill, cooler and Cement Mill.</p> <p>Continuous stack monitoring for Gaseous emissions SO<sub>x</sub> &amp; NO<sub>x</sub> have been provided for Unit- II for Raw mill &amp; kiln.</p> <p>Particulate matter emissions (mg/Nm<sup>3</sup>) of Unit-1 &amp; Unit-2 is as under for the period of April-Sept.-2011:</p> <table border="1" data-bbox="831 1025 1465 1160"> <thead> <tr> <th>Unit</th> <th>RM&amp;Kiln</th> <th>Coal Mill</th> <th>Clinker Cooler</th> <th>Cement Mill</th> </tr> </thead> <tbody> <tr> <td>Unit-1</td> <td>42-52</td> <td>41-61</td> <td>45-62</td> <td>39-54</td> </tr> <tr> <td>Unit-2</td> <td>21-31</td> <td>22-27</td> <td>16-26</td> <td>17-34</td> </tr> </tbody> </table> <p>Efficient pollution control equipments like ESP and Bag house have been provided in both the units to control the emissions.</p> <p>All the pollution control equipments are interlocked with process system which ensures continuous running of pollution control equipments.</p>	Unit	RM&Kiln	Coal Mill	Clinker Cooler	Cement Mill	Unit-1	42-52	41-61	45-62	39-54	Unit-2	21-31	22-27	16-26	17-34
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iii)	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 shall be carried out regularly in consultation with RSPCB and data on ambient air quality and stack emissions shall be regularly submitted to CPCB and RSPCB regularly. The instruments used for ambient air quality monitoring shall be calibrated time to time.	<p>Monitoring of ambient air quality and ambient noise levels are being carried out regularly and submitting the air quality monitoring report in CPCB and RSPCB regularly.</p> <p>Presently we are calibrating RDS &amp; PM<sub>2.5</sub> sampler once in a year from supplier, which are using for ambient air quality monitoring work.</p>															
iv.	Secondary fugitive emissions shall be controlled and shall be within the prescribed limits and regularly monitored. Guidelines / Code of Practice issued by the CPCB in this regard shall be followed.	CPCB guidelines are being followed for controlling secondary fugitive emissions and maintain the records pertaining to this.															

S.N.	Conditions	Compliance Status
v)	Efforts shall be made to reduce impact of the transport of the raw materials and end products on the surrounding environment including agriculture land. All the raw materials including fly ash shall be transported in the closed containers only and shall not be overloaded. Vehicular emissions shall be regularly monitored.	Roads are made pucca and regular wetting of kuccha roads are being followed by sprinkling water on roads to control emissions during transportation.  Fly ash transporting from closed tankers only and strictly control overload material. Pollution under Control (PUC) certificates checking is being done regularly at our main gate by security department.
vi)	The company shall install adequate dust collection and extraction system to control fugitive dust emissions at coal and limestone unloading points. Bag filters shall be provided at all material handling and transfer points. Fugitive dust emissions from vehicular movement shall be minimized by proper mitigation measures like water spray. All the raw material stock piles shall be covered. A closed clinker stock pile system shall be provided. All the conveyors shall be covered with GI sheets to reduce fugitive emissions. Covered shed for storage of raw materials and fully covered conveyers for transportation of materials shall provided besides coal, cement, fly ash and clinker shall be stored in silos. Pneumatic system shall be used for fly ash handling to control dust emissions.	Measures has been taken in Unit-I & Unit-II for controlling of fugitive dust emissions at various locations in process like provided dust collectors at all the material transfers points, water spray system, covered clinker storage pile with adequate vent bag filters, fly ash storing in closed silo, water sprinkling at limestone and coal unloading points, gypsum and additives storing under the roof shed, pucca cemented road and flooring in entire plant area and all the conveyors belts and transfer points are covered with GI sheets. Fly ash unloading in silo through Pneumatic conveying system.
vii)	Asphalting/concreting of roads and water spray all around the stockyard and loading/unloading areas in the cement plant shall be carried out to control fugitive emissions.	Roads are made up of asphalt/concrete, Concrete flooring inside the plant, regular water spraying all around raw material yard, water sprinkler arrangement for unloading of coal from truck & wagon.
viii)	Total water requirement for cement plant after expansion shall not exceed 6,205 m <sup>3</sup> /day and prior permission for the drawl of total water i.e.6205 m <sup>3</sup> /day shall be obtained from the concerned Department. Waste water from captive power plant and water softening unit shall be treated in the neutralizing pit and reused in the process and/or for horticulture and dust suppression. Domestic waste water shall be treated in septic tank followed by soak pit or in Sewage Treatment Plant (STP). The treated waste water shall be reutilized for green belt development and other plant related activities i.e cooling etc after necessary treatment. No process waste water shall be discharged outside the factory premises and zero discharge shall be adopted.	Is being followed. Waste water generated from plant is properly neutralized and treated and then reused for dust suppression and greenbelt development.  Domestic waste water is treated via STP, and the treated waste water and sludge generated is used as manure for greenbelt development and maintaining zero discharge.
ix)	Additional water requirement from mine pit for the proposed expansion shall not exceed 705 m <sup>3</sup> /day and prior permission shall be obtained from the concerned department. No ground water shall be used for the proposed expansion.	Complied.

S.N.	Conditions	Compliance Status
x)	All the bagfilter 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. ETP sludge shall be used into kiln. STP sludge shall be used as manure for green belt development. Used/Waste oil and grease shall be sold to the authorized recyclers /re-processors.	<p>All the materials collected from pollution control devices are 100%recycling and reusing in process for cement manufacturing.</p> <p>ETP sludge of textile industries are using as alternate fuel in cement kiln since last six years and regular efforts towards utilizing the maximum quantity for energy recovery.</p> <p>Sludge generated from STP is being utilized as manure for green belt development within the premises.</p> <p>Waste oil generated from process equipments are being reused for lubrication and remaining quantity has been sold to CPCB authorized re-cyclers.</p>
xi)	All the fly ash shall be utilized as per Fly ash Notification, 1999 as subsequently amended in 2003. Efforts shall be made to use fly ash maximum in making Pozzolana Portland Cement (PPC).	<p>Fly ash generated from own Power Plant is being totally utilised in manufacturing of Portland Pozzolana Cement.</p> <p>Continuous efforts has been made for use of fly ash in making PPC. At present 28.11% Fly ash is being used for PPC manufacturing and producing PPC of 53.55 % of the total Cement production.</p>
xii)	An effort shall be made to use of high calorific hazardous waste in the cement kiln and necessary provision shall be made accordingly.	Presently we are successfully using ETP sludge from Textile process house industries, Bhilwara. Sludge having good calorific value ( 1600~2200 Kcal/kg) and using as alternate fuel along with coal in Cement Kiln from last five years. We are also using Paint Sludge of Maruti Suzuki India Limited, having good calorific value (~4000 Kcal/kg) as alternate fuel through separate feeding system in Kiln.
xiii)	Efforts shall be made to use low grade lime, more fly ash and solid waste in the cement manufacturing.	By using of petcoke ( Refinery by product ) as a fuel in cement kiln, we are able to use of low grade limestone as a raw material resulting conserving of limestone and reducing waste generation (low grade limestone).

S.N.	Conditions	Compliance Status
xv)	All the recommendations made in the Chartered on Corporate Responsibility for Environment Protection ( CREP) for the Cement Plants shall be implemented and SPM concentration below 50 mg/Nm <sup>3</sup> shall be maintained in kiln, coal mill, cement mill and clinker cooler.	All the CREP recommendations has been followed and PM concentration has been maintained below 50 mg/Nm <sup>3</sup> in Unit – II for all the stacks given in condition.
xvi)	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.	Not Applicable.

**B. GENERAL CONDITIONS:**

i)	The project authority shall adhere to the stipulation made by Rajasthan State Pollution Control Board ( RSPCB) and State Government.	We abide by the condition.
ii)	No further expansion or modification of the plant shall be carried out without prior approval of this Ministry.	Agreed and will be followed.
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 <sub>2</sub> and NO <sub>x</sub> are anticipated in consultation with the RSPCB. Data on ambient air quality and stack emissions shall be regularly submitted to this Ministry including its Regional Office at Lucknow, RSPCB and CPCB once in six months.	04 Nos. of Ambient Air Quality Monitoring station established in consultation with State Pollution Control Board and data regularly submitted to MoEF, regional office, Lucknow, CPCB and RSPCB once in six months.
iv)	Industrial wastewater shall be properly collected, 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.	Is being followed and already in practice.
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).	Ambient Noise maintaining in and around the plant area within 85 dB (A) norms prescribed under Environmental (protection) Act by suitable measures like enclosures, silencers, preventive maintenance practices.

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vi)	<p>Proper housekeeping and adequate occupational health programmes shall be taken up. Occupational Health Surveillance programme shall be done on a regular basis and records maintained properly for at least 30-40 years. . The programme shall include lung function and sputum analysis tests once in six months. Sufficient preventive measures shall be adopted to avoid direct exposure to dust etc.</p>	<p>House keeping is well maintained by regular sweeping of all the approach road by mobile vacuum cleaning m/c (04 nos.) and controlling of fugitive dust emissions are controlled by suitable measures at each and every step of process.</p> <p>Occupational health check up program is carried out regularly including lung function test at our well-established hospital.</p> <p>As per the hazards (dust, sound, Heat) we are doing the Audiometer, Spirometry, X-Ray Chest, Eye test by the ophthalmologist with remarks in separate medical form, E.C.G, Laboratory investigation as per his age group are carried out during the periodical medical examination and indoors in his personal medical file maintained at our Hospital, &amp; if any thing found abnormal, refer him to further investigation &amp; treatment by the concerning specialist.</p> <p>Health check up record for the year 2011-2012 is as under:</p> <table border="1" data-bbox="831 869 1465 1122"> <thead> <tr> <th data-bbox="831 869 911 898"><u>S. No.</u></th> <th data-bbox="975 869 1046 898"><u>Test</u></th> <th data-bbox="1241 869 1465 931"><u>2011-12 (Up to Sept.-11)</u></th> </tr> </thead> <tbody> <tr> <td data-bbox="831 931 911 960">1.</td> <td data-bbox="975 931 1289 960">Audiometry(Hearing Test)</td> <td data-bbox="1294 931 1465 960">106 Nos.</td> </tr> <tr> <td data-bbox="831 960 911 990">2.</td> <td data-bbox="975 960 1257 990">Spirometry (Lung Test)</td> <td data-bbox="1294 960 1465 990">367 Nos.</td> </tr> <tr> <td data-bbox="831 990 911 1019">3.</td> <td data-bbox="975 990 1114 1019">Eye testing</td> <td data-bbox="1294 990 1465 1019">1694 Nos.</td> </tr> <tr> <td data-bbox="831 1019 911 1048">4.</td> <td data-bbox="975 1019 1145 1048">X-Ray (Chest)</td> <td data-bbox="1294 1019 1465 1048">456 Nos.</td> </tr> <tr> <td data-bbox="831 1048 911 1077">6</td> <td data-bbox="975 1048 1177 1077">Lab-investigation</td> <td data-bbox="1294 1048 1465 1077">1694 Nos.</td> </tr> <tr> <td data-bbox="831 1077 911 1106">6.</td> <td data-bbox="975 1077 1273 1106">Periodical Medical Exams</td> <td data-bbox="1294 1077 1465 1106">1694 Nos</td> </tr> </tbody> </table> <p>So far there is no any Occupational disease are identifies in our staff / workers / Loaders / Contractor workers.</p> <p>Till date, as such no suspected case of active pulmonary tuberculosis reported in our plant hence we feel sputum analysis is not required.</p>	<u>S. No.</u>	<u>Test</u>	<u>2011-12 (Up to Sept.-11)</u>	1.	Audiometry(Hearing Test)	106 Nos.	2.	Spirometry (Lung Test)	367 Nos.	3.	Eye testing	1694 Nos.	4.	X-Ray (Chest)	456 Nos.	6	Lab-investigation	1694 Nos.	6.	Periodical Medical Exams	1694 Nos
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2.	Old bore well recharging	- 08 Nos.																					
3.	Open well recharging	- 02 no.																					
4.	Recharging pit at nalaha	- 06 nos.																					
5	Water shed project	- 01 no.																					
viii)	<p>The project proponent shall also comply with all the environmental protection measures and safeguard recommended in the EIA / EMP.</p>	<p>Complying.</p>																					

S.N.	Conditions	Compliance Status
ix)	The company shall undertake eco-development measures including community welfare measures in the project area.	<p>This is our regular activities and carried out through well established our Corporate Social Responsibility (CSR) deptt. The various activities are being carried out during the year 2010-11 for beneficiary of near by villages and total 97473 nos. people benefited by company establish CSR deptt.</p> <p>CSR teams of Aditya Cement &amp; Vikram Cement ( Units of Grasim Industries Ltd.) have jointly been nominated to receive the most prestigious TERI award in the category of health for all. This CSR award has been begged by any unit of ABG first since its inception.</p>
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.	A separate environmental management cell is already functioning under the control of HOD (QC ) & Functional Head (Technical). Separate environmental lab set up has been done in Unit-II CCR bldg with all the monitoring facilities.
xi)	As proposed Rs.118.34 Lakhs and Rs. 6.59 Crores allocated towards the capital cost and recurring cost/annum shall be used exclusively to implement the conditions stipulated by the Ministry of Environment and Forests as well as the State Government. Time bound implementation schedule for implementing all the conditions stipulated herein shall be submitted. The funds so provided shall not be diverted for any other purposes.	Allocated fund has been used for the given purpose only.
xii)	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 State Pollution Control Board / Committee 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> . 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 shall be forwarded to the Regional Office at Lucknow.	As per guidelines, we have made advertisement in two local newspapers and submitted the copy in RO office of MoEF at Lucknow vide our letter no. AC / QC / EC / 2009 / 7552 dated September 25, 2009.
xiii)	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.	A copy of clearance letter submitted at Sawa Panchyat duly acknowledgement vides our letter dated October 7, 2009.

S.N.	Conditions	Compliance Status
xiv)	The project proponent shall upload the status of compliance of the stipulated environmental clearance conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously sent to the Regional Office of the MOEF at Lucknow, the respective zonal office of CPCB and the RSPCB. The criteria pollutant levels namely: SPM, RSPM, SO <sub>2</sub> , NO <sub>x</sub> (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for projects shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.	We will put all the information's and data's as per given guidelines on company's web site i.e. ultratech cement.com. Ambient as well as stacks data's are displayed on Board at our main gate and updating regularly.
xv)	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 Regional Office of MOEF at Lucknow, the respective Zonal office of CPCB and the RSPCB. The Regional office of this Ministry / CPCB / RSPCB shall monitor the stipulated condition.	Status of the compliance of the stipulated environmental conditions including results of monitored data on half yearly basis (both in hard copies as well as in soft form) are submitting to the Regional Office of MOEF and RSPCB.
xvi)	The environmental statement for each financial year ending 31 <sup>st</sup> 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 compliances of environmental conditions and shall also be sent to the respective Regional Offices of the MOEF by e-mail.	Complying and submitted the ES Report for the period 2010 – 2011 in RPCB before 30 <sup>th</sup> September 2011 and put on company's web site.
xvii)	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.	Not Applicable.