

**Budawada Lime Stone Mines of Jaypee Balaji Cement plant
(A Unit of Jaypee Cement Corporation Limited)
Village Budawada, Mandal Jaggayapet,
Dist. Krishna, Andhra Pradesh.**

**Six monthly compliance Report for the period October 2012 – March 2013 to the conditions specified in
Environmental Clearance Granted By MoEF Vide Letter Ref. No J-11015/466/2008-IA.II (M)
Dated: 10/12/2009**

A	SPECIFIC CONDITION	COMPLIANCE
(i)	Environmental clearance is subject to obtaining forest clearance under the Forest (Conservation) Act, 1980 from the Competent Authority before start of work at mine.	Forest clearances have been obtained from MoEF (FC Div.), GOI Diversion of forest land for mining purpose was approved vide G.O.Ms.No.130 Dated 30.12.2011 and the Mining activity started from 07.03.2012
(ii)	Wildlife conservation plan shall be prepared in consultation with the office of the Chief Wildlife Warden and implemented within six months. The plan shall comprise of in-built monitoring mechanism with special emphasis to protection of Schedule-I species. The status of implementation shall be submitted to the Ministry.	<p>“A Rescue and Rehabilitation Centre for Primates” is being set up near the Jaggayapet RF as a Wildlife conservation plan. This has been approved by Chief conservator forest (WL) & Chief wild life warden (A.P). Vide Ref No. 48837/2010/WL Dt.18/11/2010.</p> <ul style="list-style-type: none"> ➤ Scheme is approved for conservation of wild life within 10 km radius of mine lease area. To resolve the problem due to growth in the Monkey population as well the reduction of areas in their habitat, RRCP scheme will be implemented...After the introduction of “the Rescue & rehabilitation Centre for Primates (monkeys) Scheme”, the monkeys will be captured safely, taken to the RRCP: Vasectomy will be carried out and then monkeys will be released in the dense forest, so as to control their population which is causing a lot of damage both for public and property. ➤ Accordingly RRCP will be constructed with a capacity to accommodate about 200 no’s of monkeys. The proposed RRCP will have 20 day enclosures and 20 night enclosure will cater for 10 no’s of monkeys ➤ Day Enclosure is in Hexagonal shape with an area of 166.28 sq. meters. The Night enclosure is in trapezoidal shape with an area of 20.78 Sq. meters. ➤ Rs 20 Lac as corpus fund will be created, to meet some of the annual expenditure of the RRCP and in addition monkey rescue van. ➤ Copy of Details is submitted to board ,along with Fresh CFO application. ➤ Schedule of work to be carried out, has been submitted and the work has begun.
(iii)	Hydro-geological study of the area shall be reviewed annually and results submitted to the Ministry and concerned agency in the State Govt. In case adverse impact on ground water quality and quantity is observed, mining shall be immediately stopped and resumed only after mitigating steps to contain any adverse impact on ground water is implemented.	Hydrological study report has already been prepared and submitted and being reviewed annually. Ground water monitoring is being carried at locations lying in buffer zone. Report of post monsoon season is Enclosed as Annexure-I

(iv)	A 50 m barrier no mining zone on the side(s) of the nallahs/streams flowing in or adjacent the lease (if any) shall be demarcated and the barrier shall be thickly vegetated with native species of trees and shrubs.	No water bodies/nallahs/streams exist within the Mining Zone. The river Krishna is at the distance of 2.2Km & river Paleru is at the distance of 0.5Km from the mine lease area.
(v)	The company shall ensure that no silt originating due to mining activity is transported in the surface water course (if any) flowing in the area.	There is no surface water course adjacent to ML area.
(vi)	Cumulative impact of this mine and other mines including Madras Cements Ltd and cement plants in the area on the ambient air quality shall be assessed and data submitted to the Ministry within six months.	A study was conducted and a report for "Cumulative impact of this mine and other mines including Madras Cements Ltd and cement plants in the area on the ambient air quality" was prepared. Copy of the same was submitted in June-2011(As a part of six monthly compliance status)
(vii)	Shelter belt i.e. Wind Break consisting of adequate tiers of plantations around lease facing the human habitation, school/agricultural fields etc. (if any in the vicinity) shall be raised.	Shelter belt is proposed to be developed in the safety zone of 7.5 m width all along the periphery. Adequate tiers of trees are being planted to create a wind barrier. Till date 5.0 Ha plantation is completed in and around ML area.
(viii)	Occupational Health Cell shall be created at the company under the charge of an officer of adequate seniority who is qualified person in occupational health.	Occupational health cell headed by a qualified occupational health professional is being constituted. Thorough medical checkup is being conducted for all the personnel being inducted for operation and maintenance of the Mines, which shall be base data for improving mitigative measures. Employees are monitored for occupational diseases by conducting following tests: *periodic medical examination-Yearly *lung function test-Yearly *Audiometry-Yearly *Chest X-Ray once in five year *Eye test First aid training is being imparted to the selected employees regularly. Health check up has been carried out for 50 employees. Copy of health report has been attached as an Annexure-II
(ix)	Personnel exposure monitoring for dust shall be carried out for the workers.	Regular monitoring of dust is being carried out by our team weekly basis. Actions to minimize dust levels are taken accordingly. Copy of report attached as Annexure III
(x)	Land use pattern of the nearby villages shall be studied, including common property resources available for conversion into productive land. Action plan for abatement and compensation for damage to agricultural land/common property land (if any) in the nearby villages, due to mining activity shall be submitted to the Ministry within six months.	There are four villages existing in the nearby area i.e. Budawada (1.4 Km.), Muktyala (2.4 Km.), Kavutuvari Agraharam (0.7 Km.) & Jaggayyapet (1.4 Km.). Land use pattern of these villages has been studied and had been submitted to MoEF. As such no damage is envisaged due to the mining activity to the agriculture land / common property in these villages. Copy of the Report on Land use pattern of the nearby villages is submitted to board ,along with Fresh CFO application(Dec. 2010)
(xi)	Need based assessment for the nearby villages shall be conducted to study economic measures with action plan which can help in upliftment of poor section of society. Income generating projects consistent with the traditional skills of the people besides development of fodder farm, fruit bearing orchards, vocational training etc. can form a part of such programme. Company shall provide separate budget for community development activities and income generating	Activities as per CSR are being undertaken. Separate budget has been provided towards community development activities. Updated status of CSR till Mar-2013 is enclosed as Annexure-IV

	programmes. This will be in addition to vocational training for individuals imparted to take up self employment and jobs.	
(xii)	Fugitive dust generation shall be controlled. Fugitive dust emission shall be regularly monitored at locations of nearest human habitation (including schools and other public amenities located nearest to sources of dust generation as applicable) and records submitted to the Ministry.	The dust conc. in the form of SPM & TSPM is being monitored regularly in buffer zone of Mine lease area. Fugitive dust emission due to transfer, loading and unloading of raw material from mine lease area to crusher plant is being monitored regularly. Following measures are being taken a) Water sprinkling on haul roads ,loading points; b) Wet drilling process; c) Limiting the speed of loaded dumpers; d) Loading of dumper as per their actual load carrying capacity i.e. overloading is strictly avoided.
(xiii)	Rain water harvesting shall be undertaken to recharge the ground water source. Status of implementation shall be submitted to the Ministry within six months.	Rain water harvesting is the integral component of lime stone mining. Mined out pits will be used as water reservoir. Status of implementation of rain water harvesting will be submitted to the ministry.
(xiv)	Monitoring of ground and surface water quality shall be regularly conducted and records maintained and data submitted to the Ministry regularly. Further, monitoring points shall be located between the mine and drainage in the direction of flow of ground water and records maintained. Monitoring of Arsenic in ground water shall be undertaken.	Ground water monitoring is being carried at locations lying in buffer zone. Latest Report is Enclosed as Annexure-I Monitoring of Arsenic in ground water is undertaken regularly.
(xv)	Measures for prevention and control of soil erosion and management of silt shall be undertaken. Protection of dumps against erosion shall be carried out with geo textile matting or other suitable material, and thick plantations of native trees and shrubs shall be carried out at the dump slopes. Dumps shall be protected by retaining walls.	Very less overburden is being removed per day in the form of TOP SOIL. This is being utilized for plantation purpose and some proportion for making haul road also. As such there is no long term storage of the overburden hence protection of dumps and prevention and control soil erosion is not applicable.
(xvi)	Provision shall be made for the housing the labourers 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.	Whenever there is a need to provide a temporary accommodation for laborers all the conditions will be strictly complied with. However a permanent township is planned and being constructed at a location away from the mining lease area.
(xvii)	Trenches /garland drains shall be constructed at foot of dumps and coco filters installed at regular intervals to arrest silt from being carried to water bodies. Adequate number of Check Dams and Gully Plugs shall be constructed across seasonal/perennial nallahs (if any) flowing through the ML area and silts arrested. De-silting at regular intervals shall be carried out.	The limestone in the ML area is outcropping and devoid of thick soil overburden, hence no high rise soil dumps are likely to be created during mining. Moreover, there is no prominent and perennial water body within ML area, hence construction of check dams for arresting the silt or desilting is not required, however there is possibility of construction of one gully plug during present 5 yearly mine working plan, for which the drawing has already been made. The construction of gully plug is likely to be completed before the onset of monsoon season of 2013.

(xviii)	<p>Occupational health and safety measures for the workers including identification of work related health hazards, training on malaria eradication, HIV, and health effects on exposure to mineral dust etc shall be carried out. The company shall engage a full time qualified doctor who is trained in occupational health. Periodic monitoring for exposure to respirable mineral dust on the workers shall be conducted and records maintained including health records of the workers. Awareness programme for workers on impact of mining on their health and precautionary measures like use of personal equipments etc. shall be carried out periodically. Review of impact of various health measures undertaken (at interval of five years or less) shall be conducted followed by follow up action wherever required.</p>	<p>The training is being imparted to all new recruits during their induction period only, regarding “awareness of impact of mining on their health “and “precautionary measures to be taken “ like use of Personal Protection Equipment etc.</p> <p>Such programmes are also being organized periodically. The Occupational health cell has been constituted having 2 nos. senior resident doctors supported by a team of health workers. At present Dispensary with 10 bed capacity is established with one ambulance van.</p> <p>All the staff and workers recruited for the mines are undergoing full medical tests, during their induction phase itself. These records will be used for monitoring further health problems First review report will be prepared by year 2016.</p> <p>To monitor Personnel exposure to dust portable sampler had been procured. Regular monitoring of dust is being carried out by expert team and corrective actions to minimize dust levels are taken accordingly.</p> <p>Employees are monitored for occupational diseases by conducting following tests:</p> <ul style="list-style-type: none"> *periodic medical examination-Yearly *lung function test-Yearly, those who are exposed to dust *Audiometry-Yearly *Chest X-Ray once in five year *Eye test <p>First aid training is being imparted to the employees regularly.</p>
(xix)	<p>Green belt development and selection of plant species shall be as per CPCB guidelines. Herbs and shrubs shall also form a part of afforestation programme besides tree plantation. Details of year wise afforestation programme including rehabilitation of mined out area shall be submitted to the Ministry within six months.</p>	<p>A Green Belt Development Plan (year wise plantation and rehabilitation) is conceptualized as part of Mining Plan is already submitted. Green belt development and selection of plant species is undertaken as per CPCB guidelines.</p>
(xx)	<p>Top soil/solid waste shall be stacked properly with proper slope and adequate safeguards and shall be utilized for backfilling (wherever applicable) for reclamation and rehabilitation of mined out area. Top soil shall be separately stacked for utilization later for reclamation and shall not be stacked along with over burden.</p>	<p>A small quantity of topsoil generated during mining being stacked separately with proper slope and adequate safeguards. The soil is being used for green belt development.</p>
(xxi)	<p>Over burden (OB) shall be stacked at earmarked dump site(s) only and shall not be kept active for long period. The maximum height of the dump shall not exceed 30 m, each stage shall preferably be of 10 m and overall slope of the dump shall not exceed 28". The OB dump shall be backfilled. The OB dumps shall be scientifically vegetated with suitable native species to prevent erosion and surface run off. Monitoring and management of rehabilitated areas shall continue until the vegetation becomes self-sustaining. Compliance status shall be submitted to the Ministry of Environment & Forests on six monthly basis.</p>	<p>There is practically no overburden in the mining area. Whatever small quantity of shale's is encountered will be segregated and dumped in the designated areas. Such dumps shall be treated as detailed in the mining plan.</p> <p>Top soil is being stacked separately and being used for green belt development.</p>

(xxii)	Slope of the mining bench and ultimate pit limit shall be as per the mining scheme approved by Indian Bureau of Mines.	Slope of mining benches and ultimate Pit limit will be maintained as per Mining Scheme Approved By IBM and submitted to ministry also.
(xxiii)	The waste water from the mine shall be treated to conform to the prescribe standards before discharging in to the natural stream. The discharged water from the Tailing Dam (if any) shall be regularly monitored and report submitted to the MOE&F, Central Pollution Control Board and State Pollution Control Board.	No waste water is generated during mining.
(xxiv)	Action Plan with respect to suggestions/improvements and recommendations made during public consultation/hearing shall be submitted to the Ministry and State Govt. within six months.	Already complied. Progress report is enclosed as Annexure-IV
(xxv)	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.	Shall be complied as detailed in the mining plan.
(xxvi)	Vehicular emissions shall be kept under control and regularly monitored. Vehicles used for transportation of ores and others shall have valid permissions as prescribed under Central Motor Vehicle Rules, 1989 and its amendments. Transportation of ore shall be done only during day time. The vehicles transporting ores shall be covered with a tarpaulin or other suitable enclosures so that no dust particles/fine matters escape during the course of transportation. No overloading of ores for transportation of ores shall be committed.	To control vehicular emissions, PUC certificates carrying vehicles to mining lease area. All applicable clauses of central Motor Vehicle Rules, 1989 and its amendment are strictly observed, specially for followings: <ul style="list-style-type: none"> ➤ Certificates of registration ➤ Permit ➤ Driving license ➤ Speed limit ➤ Exhaust Emission Following practices are being strictly followed for transportation of limestone from ML area to crusher unit located outside the ML area <ul style="list-style-type: none"> ✓ Setting speed limit ✓ Coverage of loaded vehicle with tarpaulin ✓ No overloading of vehicle
(xxvii)	The environmental clearance is subject to the condition, if any, stipulated by the IBM on the mining scheme submitted by the project proponent for its approval.	Mining plan is approved by IBM vide letter no .MP/AP/KSN/LST-190-SZ,Dated 25/09/2008. The conditions stipulated therein are being followed and complied. Copy of approved mine plan has already been submitted to the ministry.
(xxviii)	Adequate buffer zone shall be maintained between two consecutive mineral bearing deposits.	Not applicable as there is no consecutive mineral deposit adjacent to ML area.

B	GENERAL CONDITIONS	COMPLIANCE
(i)	No change in mining technology and scope of working shall be made without prior approval of the Ministry of Environment and Forests.	Agreed
(ii)	No change in the calendar plan including excavation, quantum of mineral and waste shall be made.	Agreed
(iii)	Fugitive dust emissions from all the sources shall be controlled regularly. Water spraying	The dust conc. In the form of SPM & TSPM is being monitored in buffer zone of Mine lease area.

	arrangement on haul roads, loading and unloading and at transfer points shall be provided and properly maintained.	Fugitive dust emission due to transfer, loading and unloading of raw material from mine lease area to crusher plant will be regularly monitored. Following measures are being taken and will be strictly adhered a)Water sprinkling on haul roads ,loading points; b)Wet drilling process; c)Limiting the speed of loaded dumpers; d) Loading of dumper as per their actual load carrying capacity i.e. overloading strictly avoided; and e)shelter belt with adequate canopy/density is being developed as a wind barrier even though there is no human habitation (including schools and other public amenities located near sources of dust generation or active mining zone
(iv)	Four ambient air quality-monitoring stations shall be established in Core Zone as well as in the Buffer Zone for RPM, PM10/PM2.5, SO ₂ ,NO _x monitoring. Location of the stations should be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets and frequency of monitoring should be undertaken in consultation with the State Pollution Control Board.	Monitoring is being done at 5 locations lying in buffer zone. Monitoring report is enclosed as Annexure-V
(v)	Data on ambient air quality (RPM, PM10/PM2.5, SO ₂ , and NO _x) should be regularly submitted to the Ministry including Regional office at Bangalore and APPCB/CPCB once in six months. The monitored data of critical pollutants mentioned above shall be regularly uploaded on the company's website and also displayed at project site.	At present Monitoring is being done at 5 locations lying in buffer zone. Monitoring report is enclosed as Annexure-V and data is being regularly submitted to RO-MoEF & RO-APPCB. Efforts are being made for uploading on company's website
(vi)	Measures shall be taken for control of noise levels below 85 dB (A) in the work environment. Workers engaged in operations of HEMM etc. shall be provided with ear plugs/muffs.	Noise levels are being controlled within the prescribed limits at its source. Modern Mines machineries are being deployed. All preventive maintenance is under taken on regular basis to maintain noise levels within prescribed limits of 85dB Ear muffs /Plugs provided to workers engaged in operations of HEMM.
(vii)	Industrial waste water (workshop and waste water from the mine) should be properly collected, treat 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. Oil and grease trap shall be installed before discharge of workshop effluents.	No waste water is generated during mining. "Zero Discharge" will be maintained for the water generated from HEMM work shop. Oil & Grease Separator will be Installed for treating waste water from the HEMM work shop. O&G free waste water will be utilized for green belt development & dust suppression only.
(viii)	Personnel working in dusty areas shall be provided with protective respiratory devices and they shall also be imparted adequate training and information on safety and health aspects.	Persons working in dusty areas are being imparted adequate training and information on safety & health aspects. They will be compulsory provided with PPEs especially respiratory devices to protect themselves from hazards of dust. Time to time health surveys is being conducted by qualified team of Occupational health therapists. Health checkup has been carried out for 50 employees during October 1 st 2012 to March 31 st 2013.
(ix)	Provision shall be made for the housing the	Whenever there is a need to provide a temporary accommodation

	labourers 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.	for laborers all the conditions will be strictly complied with. However a permanent township is planned and being constructed at a location away from the mining lease area.
(x)	A separate Environmental Management Cell with suitable qualified personnel shall be set up under the control of a Senior Executive, who will report directly to the Head of the Organization.	A separate Environment Cell has been constituted to handle environment management related issues. The composition and structure of Environmental Management Cell is enclosed at Annexure – VI . Meeting being regularly conducted and recorded.
(xi)	The project authorities shall inform to the Regional Office of the Ministry located at Bangalore regarding date of financial closures and final approval of the project by the concerned authorities and the date of start of land development work.	Date of financial closure is 16/06/2009 and land development work is commenced from 07.03.2012.
(xii)	The funds earmarked for environmental protection measures shall be kept in separate account and shall not be diverted for other purpose. Year wise expenditure shall be reported to the Ministry and its Regional Office located at Bangalore.	Agreed
(xiii)	The project Authorities shall inform the Regional Office at Bangalore regarding date of financial closures and final approval of the project by the concerned authorities and the date of start of land development work.	Date of financial closure is 16/06/2009 and land development work is commenced from 07.03.2012.
(xiv)	The Regional office of the Ministry at Bangalore shall monitor compliance of the stipulated conditions. The project authorities shall extend full cooperation to the officer(s) of the Regional Office by furnishing the requisite data/information/monitoring reports.	All Necessary cooperation shall be extended to the visiting officials.
(xv)	The project proponent shall submit six monthly reports on the status of the implementation of the stipulated environmental safeguards to the MOE&F, its R.O at Bangalore, CPCB and APPCB. The project proponent shall upload the status of compliance of the environment of the environmental clearance conditions on their website and update the same periodically and simultaneously send the same by e-mail to the R.O, MOE&F at Bangalore.	Being complied. All updated six monthly compliance reports are being submitted to RO-MoEF ,Bangalore & APPCB
(xvi)	The project proponent shall advertise in at least two local newspapers widely circulated in the region around the project, one of which shall be in the vernacular language of the locality, office of Municipal Corporation/Gram Panchayat concerned and on the company's web site within seven days from the date of this clearance letter, informing that the project has been accorded	Already Complied. Copy of Advertisement s enclosed as an Annexure- VII

	environmental clearance and copies of 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 http://envfor.nic.in .	
(xvii)	A copy of clearance letter will be marked to concerned Panchayat/local NGO, if any, from whom suggestion/representation has been received while processing the proposal. The clearance letter shall also be put on the website of the company.	Already Complied
(xviii)	State Pollution Control Board shall display a copy of the clearance letter at the Regional office District Industries Centre and Collector's office / Tehsildar Office for 30 days.	Already Complied
(xix)	The environmental statement for each financial year ending 31st March in Form-V as is mandated shall be submitted to the State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and shall also be put on the website of the company along with the status of compliance of environmental clearance conditions. The same shall also be sent to the Regional Office of Ministry by e-mail.	Shall be complied

ANNEXURE-I**GROUND WATER MONITORING REPORT AROUND THE BUFFER ZONE OF ML AREA**Date -6th December 2012

S.No.	Location	Depth of well from surface(mt.)	Water level from bottom of well (mt.)	Effective width of water column (mt.)
1	Labor colony- bore well	73.6	6.2	67.4
2	Town ship- well	7.3	3.2	4.1
3	Crusher unit – well	9.5	4.5	5.0
4	Tamarind tree – well	9.5	3.4	6.1
5	Ro plant –bore well	31	6.9	24.1
6	Agraharam village-well	11.2	9.7	1.5
7	Budawada village-well	11.5	4.6	6.9

Date -10th January 2013

S.No.	Location	Depth of well from surface(mt.)	Water level from bottom of well(mt.)	Effective width of water column(mt.)
1	Labor colony- bore well	73.6	5.8	67.8
2	Town ship- well	7.3	3.0	4.3
3	Crusher unit – well	9.5	4.4	4.5
4	Tamarind tree – well	9.5	3.2	6.3
5	Ro plant –bore well	31	6.6	24.6
6	Agraharam village-well	11.2	9.5	1.7
7	Budawada village-well	11.5	4.4	7.1

Date – 09th February 2013

S.No.	Location	Depth of well from surface(mt.)	Water level from surface(mt.)	Effective width of water column(mt.)
1	Labor colony- bore well	73.6	5.1	68.5
2	Town ship- well	7.3	2.6	4.7
3	Crusher unit – well	9.5	4.3	6.2
4	Tamarind tree – well	9.5	3.0	6.5
5	Ro plant –bore well	31	6.1	24.9
6	Agraharam village-well	11.2	9.2	2.0
7	Budawada village-well	11.5	4.2	7.3

1(FORM - O)
(See rule 29F (2) and 29L)

**Report of medical examination under rule 29B
(To be issued in triplicate)****

Certificate No. Munshilal Rawat
 Certified that Shri/Shrimati* employed as Inmine, Form B No. has been Classing Helper
 examined for an initial/periodical medical examination. He/she* appears to be 27 years of age. The
 findings of the examining authority are given in the attached sheet. It is considered that
 Shri/Shrimati*.....

- (a)* is medically fit for any employment in mines.
- (b)* is suffering from..... and is medically unfit for
- (b) any employment in mine; or
- (c) any employment below ground; or
- (d) any employment or work.....

©* is suffering from..... is should get this disability* cured/controlled and should be again
 examined within a period ofmonths. He/She will appear for re -examination with the result of
 test of..... and the opinion ofSpecialist from..... He/She may be permitted/not*
 permitted to carry on his duties during this period.



M Lakshmi
20/12/12
 Signature of the examining authority
D. N. LAKSHMI, MBBS, DLO
 CHIEF MEDICAL OFFICER
 JAY PEE BALAJI CEMENT PLANT
 (W)BUDAWADA, (M)Jaggayyapet (AP)

Place : Name and designation in Block letters
 Date :

* Delete whatever is not applicable.
 ** One copy of the certificate shall be handed over to the person concerned and another copy shall be
 sent to the manager of the mine concerned by registered post; and the third copy shall be retained by
 the examining authority,

Report of the examining authority
 (to be filled in for every medical examination whether initial or periodical or re -examination or after
 cure/control of disability):

Annexure to Certificate No.....as result of medical examination on
 Identification Mark... A. bleels. male @ cheeti



Left thumb impression of
 The candidate

1. General development- Good/Fair/Poor
2. Height. 151 Cms.
3. Weight. 46 kg.
4. Eyes:
 - (i) Visual acuity- Distant vision (with or without glasses).
 Right eye NAD Left eye NAD
 - (ii) any organic disease of eyes
 - (iii) night blindness
 - (iv) Colour blindness
 - (v) Squint
 - (* to be tested in special cases)

1. Inserted vide notification No.GSR 656 dated 5.6.1980

(e) Ears : Normal
(f) Hearing : right ear Normal Left ear Normal
(g) Any organic diseases.

6. Respiratory system.
Chest measurement :
(i) after full inspiration 82 cms.
(ii) After full expiration 80 cms.

7. Circulatory system:
Blood Pressure 120/80 mmHg
Pulse 76 mt

8. Abdomen :
Tenderness. | NAD
Liver. |
Spleen. |
Tumour. |

9. Nervous system:
History of fits or epilepsy | NAD
Paralysis. |
Mental health. |

10. Locomotory system Normal

11. Skin. |
12. Hydrocele. | NAD
13. Hernia. |

14. Any other abnormality NAD

15. Urine :
Reaction. | NAD
Albumin. |
Sugar. |

16. Skiagram of chest.

17. Any other test considered necessary by the examining authority.

18. Any opinion of specialist considered necessary.

Place: Budawada.....

V. Lakshmi
20/12/12
Dr. V. LAKSHMI, MBBS, DLO
Signature of the examining authority
CHIEF MEDICAL OFFICER
JAYPEE BALAJI CEMENT PLANT
(V) BUDAWADA, (M) Jaggayyapet (AP)

6.0 RESULTS OF AIR – BORNE DUST SURVEY**Free Silica Content - Collected in Dust Sample**

S. No	Date	Location Monitored	Dust Conc. (mg/m ³)	Free Silica Content (mg/m3)	Free Silica Content (%)
1	15/11/12	Loading Site (Mines Area)	1.825	0.014	0.767
2	15/11/12	Drilling Site (Mines Area)	1.413	0.009	0.637
3	16/11/12	Crushing Plant	1.539	0.014	0.909
4	16/11/12	Mines Office	0.213	BDL	BDL

*BDL: Below detectable Limit

ANNEXURE-IV**IMPLIMENTATION OF CSR & FUFILLMENT OF COMMITMENTS MADE DURING
PUBLIC HEARING updated till 31.03.2013**

S.NO.	DATE	DETAILS OF CSR ACTIVITY	Amount in Lakhs	No. of Villages Covered	No. of Benefici aries	Remarks
1	Mar-09	Donation for renovation of SriRam Temple & Ramanavami Celebration in Ramapuram	0.2	1	5000	community
2	Oct-09	Uniforms provided to 880 school children of Budawada Village	1.1	1	880	Education
3	Oct-09	Fishing nets to fishermen of Muktyala village due to floods in the River Krishna in the Month of Oct 2009,	2.05	1	25	Environment
4	Oct-09	Donated Material for the Revenue Employees Welfare Association for Construction of building in Jaggayyapet	2.25	22	45,000	Others
5	Nov-09	Trained Villagers in animal care & conducted animal husbandry classes and to implement artificial insemination cross breed up-gradation in CRDP, Budawada		1	150	Animal
6	Nov-09	Donation to Govu samrakshana Samiti(an NGO for development and welfare of Cowes in villages , Jaggayyapet	0.5	22	500	Animal
7	Nov-09	Donated to A.P.Chief minister 's Relief Fund for providing assistance to flood affected victims of river Krishna	150	40	120,000	Environment
8	Dec-09	Donated Green Tree - NGO for development of Greenery in and around Budawada village	0.3	1	4,000	Environment
9	Dec-09	Provided 5000 saplings of fruit bearing trees - a green drive taken up by the APPCB regional office, Vijayawada	20	21	2,500	Environment
10	Dec-09	3632 saplings planted in Budawada	10.89	1	3,632	Environment
11	Jan-10	Annadhanam, Blood donation camp & Distribution of cloths to poor people - Program organized by Netaji Yuvajana Sangha, Ramapuram	0.05	1	300	Others
12	Jan-10	Company Contributed rural sports like Kabaddi & Cricket tournaments conducted in Budawada village	0.15	8	400	Others
13	Apr-10	Training given for 35 days in PS BOSE driving school Munacharla, Nandigama, Krishna Dist., and provided Boarding & Lodging Uniform free of cost and license fee paid	1.04	1	13	Others
14	Jun-10	Organised free food campaign and blood donation camp. In addition to distribution of cloths to poor , old aged people on the occasion of new Mother Teresa statue inauguration, Mallacheruvu	0.05	1	150	Others

15	Jul-10	Donated to B.Suneel S/o Late Konda R/o Budawada village who belongs to SC Community for taking coaching classes at Chembiosis Coaching Centre, Hyderabad for pursuing Higher studies	0.25	1	1	Education
16	22.07.2010	Convener District Organising Committee 500 convocation celebration of Sri Krishna Devaraya	3	85	150000	Others
17	02.12.2010	Financial Assistance to JDAV Public School, VSP Steel plant Colony, Jaggayyapet	0.5	5	900	Education
18	24.12.2010	Furniture worth 36,925/- provided to Budawada school & Panchayat Office	0.37	1	4500	Education
19	26.01.2011	Financial Assistance provided to Ms A Rajani, Budawada Village, for her higher study purpose(B.Pharmacy)	0.35	1	1	Education
20	02.02.2011	Active Bicycles Association, Vijayawada. Cycles rally from Vijayawada to New Delhi, 45 students participated in this rally.	0.5	1	45	Others
21	28.02.2011	Village Health Program started from 28th February 2011, the program is still continues alternative Friday's of every month	0.01	1	165	Health
22	15.03.2011	Donation to Sri Rama Temple for Ramanavami celebrations in Ramapuram	0.1	1	5000	community
23	19.03.2011	2 pairs of uniform given to 425 school children in Budawada village	2.125	1	425	Education
24	13.04.2011	Amount paid to Dr.Ambedkar Youth Association on the occasion of Dr.Ambedkar Birth Day, program conducted at Ramapuram	0.15	1	300	Others
25	19.05.2011	Sri Prasannajaneya Swmiwari Devalayam, Share Mahammadpet village, Jaggayyapet mandal	0.1	1	3000	community
26	01.05.2011	Renovation works done at 2 schools in Budawada Village	1.35	1	429	Education
27	01.06.2011	Establishment of Dwajastambam & Renovation of Temples in Ramapuram - Grama Abivrudhi Committee	2	1	5000	community
28	17.06.2011	Sri Venkateswara Temple Committee	0.21	1	300	community
29	25.06.2011	NabhiShila Establishment function in Annavaram Village,Jaggayyapet mandal	1	1	3000	community
30	14.08.2011	Red Cross Blood Donation camp help at Balaji site	0.18	1	140	Health
31	06.09.2011	Financial Assistance provided to Ms A Rajani, Budawada Village, for her higher study purpose(B.Pharmacy)	0.35	1	1	Education
32	01.10.2011	Donation for Sri Mahalakshmi Temple, Addala Bazar, Jaggayyapet	0.11	1	1500	community
33	19.11.2011	To conduct PYKAA sports in Jaggayyapet Mandal	1	22	12000	Others

34	30.01.2012	2 days National Seminar Conducted at SGS College Jaggayyapet on "the role of local industries in Sustaining healthy environment' on 24th 25th january	0.1	1	1500	Education
35	30.01.2012	Donation for Bhoomi puja of Shivji Temple in Budawada	0.03	1	2000	community
36	20.02.2012	Sponsorship for Maha Shivaratri festival at Mutyala village (Flood lights decoration & arrangement of bathing showers)	0.17	1	5000	community
37	28.03.2012	Donation to the Chairman Indian Red Cross Society, Krishna Dist.(Rs.20000 + Rs.10000)	0.3			Health
38	06.04.2012	Donation of 2020 bags (101 tonnes)of cement to Thirumala Tirupathi Devasthanam(TTD) for devolepment of temple	5.05			community
39	06.04.2012	Donation of 1020 bags (51 tonnes)of cement to Sri Ganga Bramarambika Sameta Mallikarjuna Swamy Temple, Srisailam for devolepment of temple	2.55			community
40	06.04.2012	Donation of 1020 bags (51 tonnes)of cement to Sri Durga Malleswara swamy Temple, vijayawada for devolepment of temple	2.55			community
41	06.04.2012	Donation of 200 bags cement to Masjid E Rukhia at Jaggaiapeta	0.5			community
42	07.04.2012	Donation of 200 bags cement to Church of South India at Budawada for construction of Church	0.5			community
43	10.04.2012	Donation to Sri Rama Temple for Ramanavami celebrations in Ramapuram	0.1	1	5000	community
44	12.04.2012	Dr.B.R.Ambedkar Spoorthy Youth Association, Dondapadu, to provide Free food & free cloths for poor & aged people on Ambedkar's Birth Day.	0.05	1	400	community
45	12.04.2012	Dr.B.R.Ambedkar Youth, Ramapuram, to provide Free food & free cloths for poor & aged people on Ambedkar's Birth Day.	0.05	1	450	community
46	18.06.2012	Financial Assistance provided to G. Ramadevi d/o Ms Gaddam Saidulu, Budawada Village, for her higher study purpose	0.175			Education
47	18.06.2013	Financial Assistance provided to M.Raja,s/o Chinna Saidulu Budawada Village, for her higher study purpose	0.175			Education
48	02.07.2012	Donation to District Collector for Deepam Scheme for providing Gas Cylinders for BC/SC Welfare Hostel	3			Others
49	31.07.2012	Donation of 300 bags of cement to Sri Krishna Yuvasena samskema Sangam, Shivaganga committee for construction of gangamma Temple.	0.75			community
50	24.09.2012	Donation for vinayaka Chaturdi festival, Muktyala	0.1			community

		Village				
51	24.09.2012	Donation for PYKKA lower level competition,Jaggaiapet	1			Education
52	10.09.2012	Donation of 200 bags of cement to Sri Ganga Bramarambika Sameta Mallikarjuna Swamy Temple	0.5			community
53	25.09.2012	Donation of 100 bags of cement to Krishna District BSNL sports, Cultural & Welfare board, Vijayawada for proposed conventioncenter construction	0.25			community
54	25.09.2012	Donation of 200 bags of cement to Madrasa Islamia Darul Uloom Siddiquie, Jaggaiapet for improvement of Masjid	0.5			community
55	25.09.2012	Donation of 200 bags of cement to Madina Masjid, Torraguntapalem village, Jaggaiapet for development Works of Masjid.	0.5			community
56	19.10.2012	Donation for Sri Mahalakshmi Temple, Addala Bazar, Jaggayyapet	0.11			community
57	19.10.2012	Donation to SC welfare Boys Hostel,Gandrai,Jaggayyapet for Library	0.089			Education
58	19.10.2012	Donation to Amature Boxing Association Hyderabad	0.2			sports
59	17.11.2012	Donation For Moharram Celebration at Muktyala Village	0.1			community
60	19.12.2012	Donation of 100 bags of Cement for Green Tea service Society	0.25			community
61	25.12.2012	Donation For celebration of Christmas at Muktyala village	0.02			community
62	02.01.2013	Donation of 100 bags of cement to Madina Masjid and Ed ga Commity Ramapuram	0.25			community
63	02.01.2013	Donation to Sri Sita Ramachandra swamy temple at Dondapadu	0.05			community
64	10.01.2013	Donation of 400 bags of Cement for Raod Works Commitee for laying of cement Road in Muktyala Village limits by R&B Department	1			community
65	11.01.2013	Donation to Banjara yuvajana Seva sangam, Budawada for conducting sports on occasion of pongal	0.15			sports
66	13.02.2013	Contribution for 250 Cement bags Contruction of Compound wall for Masjid in Madipadu Village to Protect from Animals	0.625			community
67	14.02.2013	Contribution to Gaddam Laxmana, resedence of Budawda S/o Late Kota for medical treatment for wife due to Snake bite	0.5			Health
68	14.02.2013	Active Bicycles Association, Vijayawada. Cycles rally from Jaggaiapeta to Tirupathi.	0.15	1	45	Others
69	14.02.2013	contributio of 100 cement bags for district Industrial Center, Vijayawada	0.25			Community

70	20.02.2013	Donating to B. Venkateswarulu S/o Ramulu Budawada Residence for Medical Treatment for jaundice in Andhra Hospital	0.3			Health
71	01.03.2013	water Supply arrangements for Muktyala Village people	2			Community
72	03.03.2013	Contribution for MRO office for White Wash & Indoor painting at Tahsil Office, jaggiapeta	0.22			Community
73	09.03.2013	Cleaning and arrangements for Snan Ghat including providing Shower bath for Muktyala Village on occasion of Sivarathri Festival	0.285			Community
74	27.03.2013	Contribution for Holi Celebrations in Budawada Village	0.4			Community
75	27.03.2013	Contribution for Holi Celebrations in Muktyala Village	0.03			Community
76	28.03.2013	Contribution for SC welfare Cricket Association, Budawada for conducting Cricket tournament	0.05			sports
77		Construction of cement roads from Budawada to Ramapuram area, for easy movement of villagers - work already started 70 % completed (Total Investment 2.5 Crore)	150	2	7000	
78		Construction of Rescue & Rehabilitation Centers for primates for Conservation of Wild Life				Animal
79		Providing ambulance facility with free of cost to Budawada villagers in case of emergencies				Health
80		Providing fire services to Budawada villager				
81		Construction of 28 beded hospital in Township - Work in progress, which will be opened to local villagers with free medical treatment & medicines (Total Investment 2.1 Crore)	178.9	1	4000	Health
82		Construction of School in Township - Work in progress, which will be opened to local villagers's children (Total Investment 4.6 Crore)	302.5			Education
83		Providing unconsumed food items from Mess for cattles of Budawada villagers daily		1	150	Others
84		Providing drinking water supply daily for Budawada villagers through water tankers		1	4000	Community
85		Employment provided to exland holders			98	Employment
86		Indirect employment provided to local villages youth		4	400	Employment
87		Local villagers encouraged & provided for doing certain project construction jobs like civil works, running of canteen, establishment of Grocery shops & provissional shops in town ship, camp & plant area.		4	600	Employment
		Total:	859.56			

ANNEXURE-V

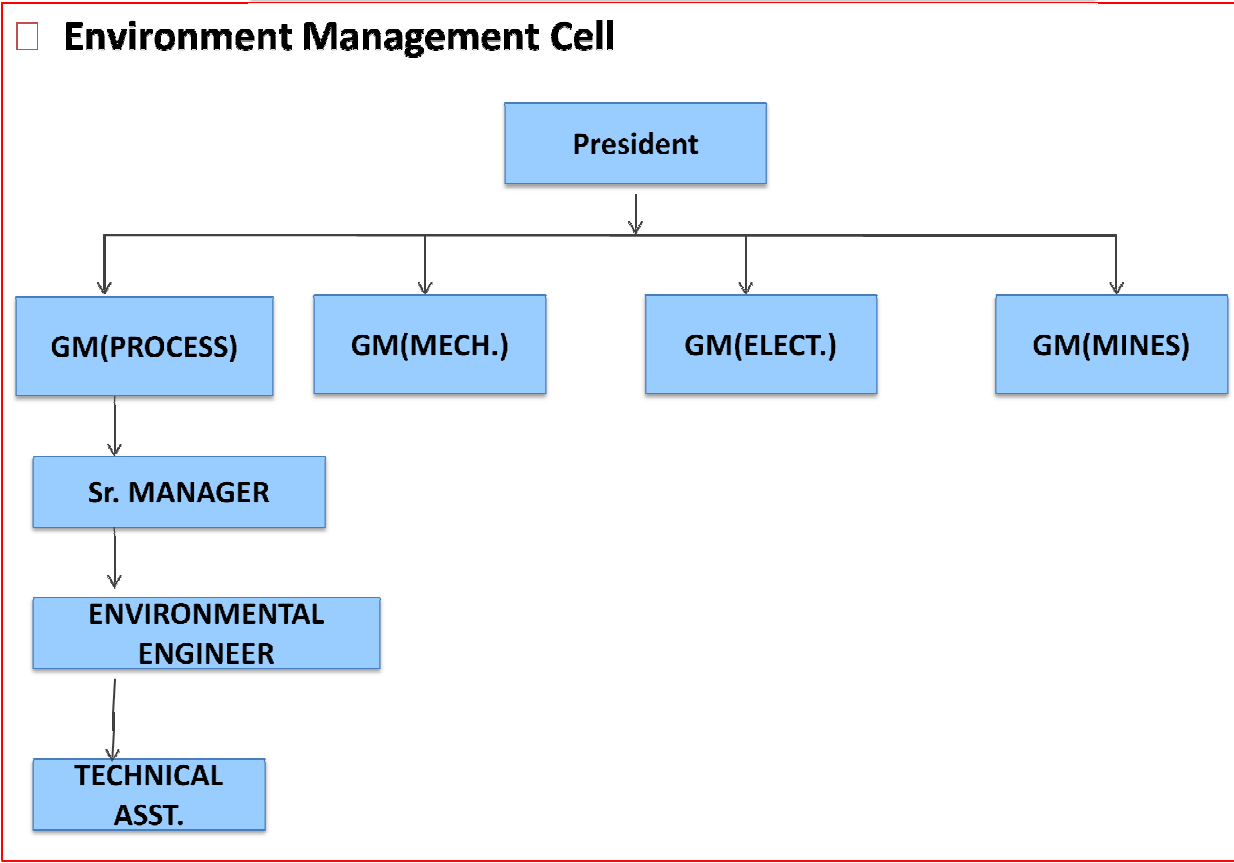
Jaiprakash Associates Limited
BUDAWADA LIMESTONE MINES OF JAYPEE BALAJI CEMENT PLANT
AMBIENT AIR QUALITY REPORT "October 2012 - March -2013"

location		Security Gate				Budawada Village			
Parameters	week	PM.10	PM.2.5	S02	N0x	PM.10	PM.2.5	S02	N0x
OCT'2012	1	72.6	45.8	14.3	16.7	58.6	38.0	10.8	12
	2	68.9	40.8	13.5	15.2	55.4	34.8	9.5	10.8
	3	70.5	38.5	11.5	12.1	48.6	29.4	8.8	8.8
	4	69.3	39.6	12.0	13.7	51.9	32.2	9.4	11.0
NOV'2012	1	75.7	47.2	15.2	17.7	50.4	30.3	11.3	10
	2	72	42.2	14.4	16.2	55.7	32.5	9.2	10.5
	3	73.6	39.9	12.4	13.1	56.2	35.1	10	11.2
	4	72.3	41	12.9	14.7	60.3	37.6	10.9	12.3
DEC'2012	1	78.8	48.6	16.1	18.7	64.8	40.8	12.6	14
	2	75.1	43.6	15.3	17.2	61.6	37.6	11.3	12.8
	3	76.7	41.3	13.3	14.1	58.1	35	11.2	13
	4	75.4	42.4	13.8	15.7	54.8	32.2	10.6	10.8
JAN'2013	1	75.7	47.2	15.2	17.7	61.7	39.4	11.7	13
	2	72	42.2	14.4	16.2	58.5	36.2	10.4	11.8
	3	73.6	39.9	12.4	13.1	55	33.6	10.3	12
	4	72.3	41	12.9	14.7	51.7	30.8	9.7	9.8
FEB'2013	1	73.3	44.5	14	16.3	63.4	36.3	12.1	11.4
	2	69.3	40.8	13.6	14.8	57.3	33.6	13.5	11
	3	71.4	39.6	11.7	14.3	54.7	39.4	10	9.5
	4	75.6	45.3	11.9	16	51.1	32.4	10.8	10.7
MAR'2013	1	79.5	40.2	13.8	15.8	59.6	37.9	11.5	11.7
	2	69.6	44.7	13.4	13.7	58.9	38.7	8.6	11.8
	3	74.9	39.5	11.7	11.8	49.6	32.7	9.5	10.4
	4	67.5	38.7	12.7	13.1	52.7	31.6	8.4	11.6
Min.		67.5	38.5	11.5	11.8	48.6	29.4	8.4	8.8
Max.		79.5	48.6	16.1	18.7	64.8	40.8	13.5	14
Avg.		73.1	42.2	13.4	15.1	56.2	34.9	10.5	11.3

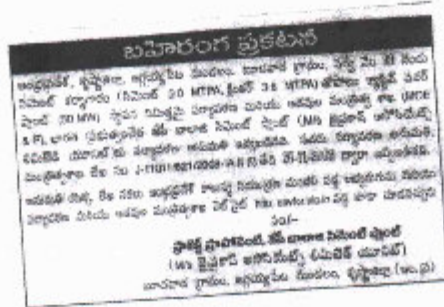
location		VSP colony				Agraharam Village			
Parameters	week	PM.10	PM.2.5	S02	N0x	PM.10	PM.2.5	S02	N0x
OCT'2012	1	43.2	25.5	7.0	8.9	36.2	23.2	5.5	7.2
	2	51.0	30.7	9.5	10.5	45.2	28.0	7.8	9.8
	3	52.6	31.9	9.9	11.0	51.9	27.3	8.5	10.5
	4	46.3	28.0	8.9	9.5	38.4	26.0	6.2	8.0
NOV'2012	1	46.3	26.9	7.9	9.9	39.3	24.6	6.4	8.2
	2	54.1	32.1	10.4	11.5	48.3	29.4	8.7	10.8
	3	55.7	33.3	12	13.1	45	28.7	9.4	11.5
	4	49.4	29.4	9.8	10.5	41.5	27.4	7.1	9
DEC'2012	1	49.4	28.3	8.8	10.9	42.4	26	7.3	9.2
	2	57.2	33.5	11.3	12.5	51.4	30.8	9.6	11.8
	3	58.8	34.7	11.7	13	48.1	30.1	10.3	12.5
	4	52.5	30.8	10.7	11.5	44.6	28.8	8	10
JAN'2013	1	46.3	26.9	7.9	9.9	39.3	24.6	6.4	8.2
	2	54.1	32.1	10.4	11.5	48.3	29.4	8.7	10.8
	3	55.7	33.3	10.8	12	45	28.7	9.4	11.5
	4	52.5	30.8	10.7	11.5	41.5	27.4	7.1	9.0
FEB'2013	1	51.3	25.6	8.7	8.4	40.9	25.8	5.9	7.6
	2	55.4	30.7	9.7	10.8	45.7	28.5	9.4	11.8
	3	--	--	--	--	44.8	26.3	8.7	10
	4	50.7	28.6	9.5	12	44.7	25.9	8.4	8.5
MAR'2013	1	44.6	29.5	8.3	8.1	38.2	23.5	5.5	9.2
	2	50.4	30.2	11.2	10.5	49.3	31.2	8.5	11.8
	3	59.6	33.4	7.6	10	46	29.5	8.1	10.4
	4	51.8	28.7	9.7	7.5	48.5	31.7	6.1	8.9
Min.		43.2	25.5	7.0	7.5	36.2	23.2	5.5	7.2
Max.		59.6	34.7	12	13.1	51.9	31.7	10.3	12.5
Avg.		51.6	29.2	9.6	10.6	44.3	27.6	7.7	9.8

location		MUKTYALAYA VILLAGE (A3)			
Parameters	week	PM.10	PM.2.5	S02	N0x
OCT'2012	1	63.7	35.7	11.8	12.7
	2	65.1	38.5	12.4	13.6
	3	61.1	33.0	10.7	12.1
	4	60.8	32.4	9.4	11.5
NOV'2012	1	66.8	37.1	12.7	13.7
	2	68.2	39.9	13.3	14.6
	3	64.2	34.4	11.6	13.1
	4	63.9	33.8	10.3	12.5
DEC'2012	1	69.9	38.5	13.6	14.7
	2	71.3	41.3	14.2	15.6
	3	67.3	35.8	12.5	14.1
	4	67	35.2	11.2	13.5
JAN'2013	1	66.8	37.1	12.7	13.7
	2	68.2	39.9	13.3	14.6
	3	64.2	34.4	11.6	13.1
	4	63.9	33.8	10.3	12.5
FEB'2013	1	68.9	34.9	10.5	12.5
	2	70.1	42.7	12.6	13.8
	3	--	--	--	--
	4	65.8	43.8	9.6	11.6
MAR'2013	1	69.8	39.3	12.8	11.7
	2	70.2	40.8	12.9	11.8
	3	68.2	33.5	10.4	12.3
	4	63.5	38.1	9.5	10.2
Min.		60.8	32.4	9.4	10.2
Max.		71.3	43.8	14.2	15.6
Avg.		66.4	37.1	11.7	13.02

ORGANIZATION STRUCTURE OF EMC



**Environment Clearance Public Notice published in Telugu Daily News Paper
"Eenadu dated 03.12.2009"**



PUBLIC NOTICE

Environmental clearance has been accorded to Jaypee Balaji Cement Plant (A Unit of M/S Jaiprakash Associates Limited) by the Ministry of Environment & Forests (MOE&F), Government of India, New Delhi for the establishment of Cement Plant (Cement 5.0 MTPA, Clinker 3.6 MTPA) along with Captive Power Plant (50 MW) at Survey No.99, Village Budawada, Mandal Jaggayyapeta, District Krishna, Andhra Pradesh. The Environment clearance has been accorded by the Ministry vide their letter nu.J-11011/821/2008-IA II (I) dated 26th November, 2009.

Copy of clearance letter is available with Andhra Pradesh Pollution Control Board and may also be seen at website of Ministry of Environment and Forests at <http://envfor.nic.in>.

**Project Proponent
JAYPEE BALAJI CEMENT PLANT
(A UNIT OF M/S JAIPRAKASH ASSOCIATES LIMITED)
SURVEY NO.99, VILLAGE BUDAWADA,
MANDAL JAGGAYYAPETA, DISTRICT KRISHNA (A.P)**

Environment Clearance Public Notice published in English Daily Newspaper "The New Indian Express dated 03.12.2009"

THURSDAY, DECEMBER 3 | 2009 | VIJAYAWADA THE NEW INDIAN EXPRESS 3

