

HALF YEARLY COMPLIANCE REPORT

01. NAME OF THE PROJECT : CEMENT PLANT (1.2 MTPA) OF M/S. BINANI CEMENT LIMITED (BCL), AT PINDWARA, SIROHI DISTT. RAJASTHAN STATE.
02. MOEF CLEARANCE LETTER NO. & DATE : ENVIRONMENT CLEARANCE (EC) NO.J-11011/40/95-IA-II(I) DATED 25.04.1996
All the conditions of the EC referred above have been complied. Present status of air quality, water effluent etc. Vide EC No. J-11011/66/2006- IA II (I) dated 18th May, 2006 for 4 MTPA Cement Plant of Binani Cement Ltd. Is mentioned hereunder.
03. PERIOD OF COMPLIANCE REPORT : 01.04.2009 to 30.09.2009

COMPLIANCE TO THE STIPULATED CONDITIONS OF EC DATED 18/05/2006**(A) SPECIFIC CONDITIONS**

Sr. No.	EC CONDITIONS	Compliance Status																																																							
1	<p>The gaseous and particulate matter emissions from various units shall conform to the standards prescribed by the Rajasthan State Pollution Control Board. At no time, particulate emissions from the cement plant including kiln, coal mill, cement mill, cooler and captive power plant (CPP) shall exceed 50 mg/Nm³. Regular lime injection at Circulating Fluidized Bed Combustion (CFBC) boiler must be ensured to reduce SO₂ emissions. Continuous on-line monitors for particulate emissions shall be installed. 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>	<p>Emissions are well within the stipulated limits of EC. Present environmental parameters as per monitoring reports from Apr'09 to Sept'09 are as follows :-</p> <p style="text-align: center;">(Values are in mg/Nm³)</p> <table border="1" data-bbox="667 1108 1559 1619"> <thead> <tr> <th rowspan="2">Stack</th> <th colspan="3">SPM – Old Cement plant</th> <th colspan="3">SPM – New Cement Plant</th> </tr> <tr> <th>Max.</th> <th>Min.</th> <th>Avg.</th> <th>Max.</th> <th>Min.</th> <th>Avg.</th> </tr> </thead> <tbody> <tr> <td>Raw Mill & Kiln Bag House</td> <td>26.01</td> <td>17.31</td> <td>20.49</td> <td>25.33</td> <td>17.02</td> <td>20.82</td> </tr> <tr> <td>Cooler</td> <td>36.14</td> <td>27.30</td> <td>31.84</td> <td>27.05</td> <td>19.83</td> <td>22.15</td> </tr> <tr> <td>Coal Mill</td> <td>31.79</td> <td>25.05</td> <td>28.02</td> <td>30.77</td> <td>25.32</td> <td>27.84</td> </tr> <tr> <td>Cement Mill - 1</td> <td>29.00</td> <td>22.87</td> <td>26.04</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>Cement Mill - 2</td> <td>31.18</td> <td>19.16</td> <td>26.08</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>Cement Mill - 3</td> <td>-</td> <td>-</td> <td>-</td> <td>24.91</td> <td>16.65</td> <td>20.17</td> </tr> </tbody> </table> <p>Regular lime injection in the form of Limestone along with coal at CFBC boiler is done on regular basis.</p> <p>All the stacks are equipped with Continuous on-line emission monitoring equipments for SPM & pollution control equipment are interlocked with the process.</p>	Stack	SPM – Old Cement plant			SPM – New Cement Plant			Max.	Min.	Avg.	Max.	Min.	Avg.	Raw Mill & Kiln Bag House	26.01	17.31	20.49	25.33	17.02	20.82	Cooler	36.14	27.30	31.84	27.05	19.83	22.15	Coal Mill	31.79	25.05	28.02	30.77	25.32	27.84	Cement Mill - 1	29.00	22.87	26.04	-	-	-	Cement Mill - 2	31.18	19.16	26.08	-	-	-	Cement Mill - 3	-	-	-	24.91	16.65	20.17
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2	<p>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 on-line data for air emissions shall be transferred to the CPCB and RSPCB regularly. The instruments used for ambient air quality monitoring shall be calibrated time to time.</p>	<p>Ambient Air Quality including Noise levels are monitored weekly. Parameters of AAQ and Noise are well within the stipulated norms. Parameters as per Monitoring Report from Apr'09 to Sept'09 are as follows :-</p> <table border="1"> <thead> <tr> <th rowspan="2">Ambient Air Quality Stations</th> <th colspan="3">SPM</th> <th colspan="3">SOx</th> <th colspan="3">NOx</th> </tr> <tr> <th>Max.</th> <th>Min.</th> <th>Avg.</th> <th>Max.</th> <th>Min.</th> <th>Avg.</th> <th>Max.</th> <th>Min.</th> <th>Avg.</th> </tr> </thead> <tbody> <tr> <td>Coal Storage (Cement Plant)</td> <td>336.15</td> <td>278.58</td> <td>302.13</td> <td>6.00</td> <td>3.00</td> <td>4.50</td> <td>7.00</td> <td>2.00</td> <td>4.00</td> </tr> <tr> <td>Near Comp. Canteen</td> <td>337.12</td> <td>260.93</td> <td>295.72</td> <td>5.00</td> <td>3.00</td> <td>4.00</td> <td>8.00</td> <td>6.00</td> <td>6.67</td> </tr> <tr> <td>Near Guest House</td> <td>111.85</td> <td>77.46</td> <td>94.05</td> <td>5.00</td> <td>2.00</td> <td>3.17</td> <td>5.00</td> <td>3.00</td> <td>3.67</td> </tr> <tr> <td>Near Crusher</td> <td>357.96</td> <td>288.83</td> <td>313.41</td> <td>5.00</td> <td>4.00</td> <td>4.50</td> <td>8.00</td> <td>5.00</td> <td>7.17</td> </tr> <tr> <td>Raw Water Reservoir</td> <td>313.74</td> <td>282.98</td> <td>296.49</td> <td>9.00</td> <td>3.00</td> <td>5.67</td> <td>7.00</td> <td>4.00</td> <td>5.33</td> </tr> <tr> <td>Coal Storage (CPP)</td> <td>329.46</td> <td>272.76</td> <td>299.56</td> <td>8.00</td> <td>5.00</td> <td>6.50</td> <td>9.00</td> <td>3.00</td> <td>6.00</td> </tr> </tbody> </table> <table border="1"> <thead> <tr> <th rowspan="2">Ambient Noise Level Stations</th> <th colspan="3">Day Time (dBA)</th> <th colspan="3">Night Time (dBA)</th> </tr> <tr> <th>Max.</th> <th>Min.</th> <th>Avg.</th> <th>Max.</th> <th>Min.</th> <th>Avg.</th> </tr> </thead> <tbody> <tr> <td>Near Thandiberi Mine</td> <td>69.30</td> <td>62.00</td> <td>66.60</td> <td>67.10</td> <td>59.00</td> <td>64.4</td> </tr> <tr> <td>Near Mines Office</td> <td>61.6</td> <td>59.5</td> <td>60.6</td> <td>59.8</td> <td>56.4</td> <td>58.3</td> </tr> <tr> <td>Near Comp. Canteen</td> <td>68.3</td> <td>65.2</td> <td>66.5</td> <td>66.7</td> <td>60.9</td> <td>64.1</td> </tr> <tr> <td>Near Power Plant</td> <td>71.7</td> <td>69.2</td> <td>70.57</td> <td>69.1</td> <td>67.4</td> <td>68.3</td> </tr> <tr> <td>Near Guest House</td> <td>52.6</td> <td>49.6</td> <td>51.0</td> <td>49.4</td> <td>46.3</td> <td>47.5</td> </tr> <tr> <td>Near Truck Parking</td> <td>65.5</td> <td>58.4</td> <td>62.2</td> <td>61.6</td> <td>53.6</td> <td>58.8</td> </tr> <tr> <td>Near Railway Gate</td> <td>62.7</td> <td>57.3</td> <td>60.5</td> <td>60.9</td> <td>53.8</td> <td>58.1</td> </tr> </tbody> </table>	Ambient Air Quality Stations	SPM			SOx			NOx			Max.	Min.	Avg.	Max.	Min.	Avg.	Max.	Min.	Avg.	Coal Storage (Cement Plant)	336.15	278.58	302.13	6.00	3.00	4.50	7.00	2.00	4.00	Near Comp. Canteen	337.12	260.93	295.72	5.00	3.00	4.00	8.00	6.00	6.67	Near Guest House	111.85	77.46	94.05	5.00	2.00	3.17	5.00	3.00	3.67	Near Crusher	357.96	288.83	313.41	5.00	4.00	4.50	8.00	5.00	7.17	Raw Water Reservoir	313.74	282.98	296.49	9.00	3.00	5.67	7.00	4.00	5.33	Coal Storage (CPP)	329.46	272.76	299.56	8.00	5.00	6.50	9.00	3.00	6.00	Ambient Noise Level Stations	Day Time (dBA)			Night Time (dBA)			Max.	Min.	Avg.	Max.	Min.	Avg.	Near Thandiberi Mine	69.30	62.00	66.60	67.10	59.00	64.4	Near Mines Office	61.6	59.5	60.6	59.8	56.4	58.3	Near Comp. Canteen	68.3	65.2	66.5	66.7	60.9	64.1	Near Power Plant	71.7	69.2	70.57	69.1	67.4	68.3	Near Guest House	52.6	49.6	51.0	49.4	46.3	47.5	Near Truck Parking	65.5	58.4	62.2	61.6	53.6	58.8	Near Railway Gate	62.7	57.3	60.5	60.9	53.8	58.1
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3	<p>The company shall install adequate dust collection and extraction system to control fugitive dust emissions at coal and lime stone unloading points & at all the transfer points. Bag filters in raw mill and kiln and ESP in coal mill, clinker cooler, cement mill and captive power plant shall be installed to control air emissions. The dust collected from the pollution control equipments shall be recycled back into the process. Storage of raw</p>	<p>Dust collector & extraction systems provided are:-</p> <ul style="list-style-type: none"> - Bag House in Raw Mill & Kiln - ESPs in Coal Mill, Clinker Coolers & Cement Mills - Jet Pulse filters provided to all transfer points - Water sprinkling systems have been provided at the raw material and Coal storage yard, Dump Hoppers and conveyors. - ESPs have been provided to the Boiler in Captive Power Plant. <p>Provision has been made to recycle the collected material into the process.</p>																																																																																																																																													

	<p>material shall be in closed roof sheds. Water sprinkling arrangement shall be made in the raw material stock yard and cement bag loading areas.</p>	
<p>4</p>	<p>All the recommendations of the Corporate Responsibility or Environmental Protection (CREP) shall be strictly followed and SPM concentrations below 50 mg/Nm³ shall be maintained in kiln, coal mill, cement mill and clinker cooler.</p>	<p>SPM in Stack emissions are within the stipulated limits of CREP. SPM in different stacks vide stack details under Condition (i) above.</p>
<p>5</p>	<p>Prior permission for the drawl of 1,500 m³/d ground water for the expansion project from Central Ground Water Board (CGWB) shall be obtained. No effluent shall be discharged from the process outside the premises and all the treated effluent from CPP and STP shall be utilized for green belt development and other plant related activities. 'Zero' discharge shall be strictly adopted.</p>	<p>Permission for the drawl of ground water is obtained from the CGWA vide No. 21-4(28)/WR/CGWA/05-1567 dated 28.11.2008 which is valid for a period of 2 years from the date of issuance.</p> <p>No effluent is discharged outside the plant premises. The treated effluent is utilized for green belt development & for dust suppression on haul roads and Zero discharge is maintained.</p>
<p>6</p>	<p>As per the rain water harvesting water plan submitted, augmentation of ground water storage at Malap water shed, cement plant, colony and mine site at Binanigram shall be strictly adhered. Besides, company must also harvest the rainwater from the roof tops and storm water drains to recharge the ground water. The company must also collect rain water in the mined out pits of captive lime stone mine and use the same water for the various activities of the project to conserve fresh water.</p>	<p>Water harvesting measures include several Check dams in mine area & colony, Annicut at Malap, Roof Top Rainwater Harvesting structures in Colony School & Hospital buildings, Cement Plant, Amlı & Sadalva village schools. Storm water is collected in Waste Water Pond from where it is distributed for use in plantation & sprinkling on the roads for dust suppression. Rainwater is also collected in the Thandiberi mine pits below the road level.</p> <p>In 2008-09, 5 more check dams in Amlı & Thandiberi mine were constructed. In addition, a large water storage pond to collect the entire rooftop rainwater from residential colony has also been constructed. The collected water will be used in plantation & for other secondary purposes.</p>

7	<p>Although company has already done plantation in 37% area by planting 98,500 trees, further plantation shall be ensured in 5 ha. as proposed in EIA/EMP. Further efforts shall be made to maintain the area properly already afforested.</p>	<p>Green Belt development is under progress. Year wise number of trees planted are as follows:-</p> <p>Year wise plantation (No. of plants surviving as on 31.10.09)</p> <table border="1" data-bbox="675 226 1549 464"> <thead> <tr> <th>Area</th> <th>Upto 2004</th> <th>Upto 2005</th> <th>Upto 2006</th> <th>Upto 2007</th> <th>Upto 2008</th> <th>Upto 2009</th> <th>Total area covered (Hect.)</th> </tr> </thead> <tbody> <tr> <td>Plant</td> <td>60291</td> <td>61887</td> <td>62512</td> <td>75161</td> <td>78731</td> <td>81889</td> <td>81.80</td> </tr> <tr> <td>Mines</td> <td>26468</td> <td>29168</td> <td>31551</td> <td>36558</td> <td>37998</td> <td>39998</td> <td>39.47</td> </tr> <tr> <td>Total</td> <td>86759</td> <td>91055</td> <td>94063</td> <td>111719</td> <td>116729</td> <td>121887</td> <td>121.27</td> </tr> </tbody> </table> <p>The tree species planted are Neem, Gulmor, Serus, Jamun, Mango, Cassia, Shisham, Amalthas, Karanj, Pepal, Accassia, etc.</p> <p>Expenditure incurred on plantation till 2009-10 = 210.10 Lacs</p>	Area	Upto 2004	Upto 2005	Upto 2006	Upto 2007	Upto 2008	Upto 2009	Total area covered (Hect.)	Plant	60291	61887	62512	75161	78731	81889	81.80	Mines	26468	29168	31551	36558	37998	39998	39.47	Total	86759	91055	94063	111719	116729	121887	121.27
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8	<p>Solid waste viz. fly ash and dust etc. generated shall be properly recycled and reutilized in the cement plant itself and bottom ash from CPP in the mine pits etc. Burnable solid waste shall be burnt in incinerator. Used oil and grease will be sold to the authorized recyclers / re processors. STP sludge shall be used as manure for green belt development.</p>	<p>In CPP, approx. 120 Tons/day of Fly ash is generated on an average basis and the same is used in the cement manufacturing.</p> <p>Authorizations for use of Used/Spent Oil & Sludge of CETP, Pali for burning in Kiln obtained vide RPCB No F.16 (SR-12) HAZ / RPCB /Gr.II/ 7016, Dated 24.11.2006 & F (HSW0/SIROHI(PINDWARA)/ 21(1) 2008-09 /871 DATED17.07.08 for used/spent oil and No.RPCB/HWMR/Pali/2179, dated 21.09.2007 for CETP Sludge. STP Sludge is used as manure for Green Belt development.</p>																																
9	<p>The company shall undertake eco-development measures including community welfare measures in the project area.</p>	<p>Eco development measures undertaken are:-</p> <ol style="list-style-type: none"> Conservation of Flora & Fauna 20000 tree saplings of Jatropha distributed among nearby villagers. 12 Check dams have been constructed & more will be added in due course of time. <p>Welfare measures under taken are:</p> <ol style="list-style-type: none"> Adoption of Thandiberi village. Construction of school buildings, roads etc. Providing medical facilities to the nearby villagers. Installation of 240 Hand Pumps & supply of water during the draught Employment to local inhabitants. (approx. 80% of the workforce belongs to Sirohi & Raj. Alone) <p>Year wise expenses incurred for community development are as under:-</p> <table border="1" data-bbox="662 1444 1565 1629"> <thead> <tr> <th>Year</th> <th>2004</th> <th>2005</th> <th>2006</th> <th>2007</th> <th>2008</th> <th>2009</th> </tr> </thead> <tbody> <tr> <td>Rs.</td> <td>1086814</td> <td>1001023</td> <td>864284</td> <td>632733</td> <td>2919000</td> <td>Data will be reported in next half yearly report</td> </tr> </tbody> </table>	Year	2004	2005	2006	2007	2008	2009	Rs.	1086814	1001023	864284	632733	2919000	Data will be reported in next half yearly report																		
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10	<p>The Project Authorities shall not commence operation of the expanded capacity of the cement plant without prior environmental clearance for the proposed expansion of the lime stone mines.</p>	<p>Environmental clearance obtained for the expansion of mines :-</p> <ul style="list-style-type: none"> - For Amlu Mine : EC No. J-11015/21/2006- IA II (M) Dated 10th November, 2006 - For Thandiberi Mine : EC No. J-11015/22/2006- IA II (M) Dated 10th November, 2006 																																

GENERAL CONDITIONS

1	The project authority shall adhere to the stipulations made by Rajasthan State Pollution Control Board (RSPCB) and State Government.	Conditions stipulated by RSPCB have been complied. RSPCB has granted Air Consent No. F.5.(SR-32) RPCB/Gr.II/12740 & 7526, dated 11.02.2008 valid upto 30.11.2009 and Water Consent No. F.5.(SR-32) RPCB/Gr.II/12740 & 7526, dated 11.02.2008 valid upto 30.11.2009.																											
2	No further expansion or modification of the plant shall be carried out without prior approval of this Ministry.	No expansion will be carried out without approval of MoEF.																											
3	At least four ambient air quality monitoring stations shall be established in the down wind direction as well as where maximum ground level concentration of SPM, SO ₂ and NO _x 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 and RSPCB / CPCB once in six months.	Seven Ambient Air Quality Monitoring stations have been set up. Results of Ambient Air quality monitored for the period Apr' 09 to Sept' 09 are given at Condition No.II (under Specific Conditions) above.																											
4	Industrial waste water shall be properly collected and treated so as to conform to the standards prescribed under GSR 422 (E) dated 19 th May, 1993 and 31 st December, 1993 or as amended from time to time. The treated wastewater shall be utilized for plantation purpose.	<p>Effluent is generated from the Cooling Tower Blow Down & Boiler Blow Down and is properly treated before disposal. Treated effluent is used for plantation. Results of the treated effluent for the month of Sept'09 as under:</p> <table border="1" data-bbox="686 930 1547 1308"> <thead> <tr> <th>Parameter</th> <th>Boiler Blow Down</th> <th>Cooling Tower Blow Down</th> </tr> </thead> <tbody> <tr> <td>Suspended Solids</td> <td>30.00</td> <td>---</td> </tr> <tr> <td>Oil & Grease</td> <td>2.00</td> <td>---</td> </tr> <tr> <td>Copper as Cu</td> <td>NT</td> <td>---</td> </tr> <tr> <td>Iron as Fe</td> <td>0.41</td> <td>---</td> </tr> <tr> <td>Free available chlorine</td> <td>---</td> <td>0.10</td> </tr> <tr> <td>Zinc</td> <td>---</td> <td>0.04</td> </tr> <tr> <td>Total Chromium</td> <td>---</td> <td>NT</td> </tr> <tr> <td>Phosphate</td> <td>---</td> <td>0.58</td> </tr> </tbody> </table>	Parameter	Boiler Blow Down	Cooling Tower Blow Down	Suspended Solids	30.00	---	Oil & Grease	2.00	---	Copper as Cu	NT	---	Iron as Fe	0.41	---	Free available chlorine	---	0.10	Zinc	---	0.04	Total Chromium	---	NT	Phosphate	---	0.58
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Phosphate	---	0.58																											
5	The overall noise levels in and around the plant area shall be kept well within the standards (85 dBA) by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels shall conform to the standards prescribed under Environmental (Protection) Act, 1986 Rules, 1989 viz. 75 dBA (day time) and 70 dBA (night time).	<p>Workplace noise level survey is also conducted quarterly to identify the areas with high noise levels. Corrective / preventive actions are taken if the noise levels exceed the permissible limits as stipulated in the Factories Act, 1948. All necessary noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation are in place and properly maintained.</p> <p>Workers employed in High Noise Area are provided with proper PPEs and their exposure to noise is controlled within the permissible limits. Periodic audiometric tests are also conducted on the workmen employed in High Noise Area.</p> <p>Ambient Noise level is monitored regularly and is well within the stipulated limit. Statistical Noise level for the period Apr' 09 to Sept' 09 are given at Condition No.II (under Specific Conditions) above.</p>																											
6	Proper housekeeping and adequate occupational health programs shall be taken up. Occupational Health Surveillance program shall be done on a regular basis and records maintained properly for at least	<p>Good house keeping is maintained all around the plant premises. Vacuum sweeping vehicle is deployed for cleaning of the dust prone area such as Packing Plant, Cement Mill, Kiln, Coal Mill etc. while other areas are manually cleaned.</p> <p>Occupational health check up (including lung function & sputum analysis)</p>																											

	30-40 years. The program 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	is carried out once in six months for the employees working in high dust and high noise area and once in a year for other employees. So far no person is reported to be affected with any occupational diseases. Health monitoring records of each individual employee are maintained.										
7	The project proponent shall also comply with all the environmental protection measures and safeguards recommended in the EIA/ EMP.	The environmental protection measures & safeguards such as Green Belt development, Monitoring of AAQ, Installation of Pollution Control Equipments, Rain water harvesting, Conservation of Flora and Fauna, GHG mitigation etc.										
8	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.	Environment Management Cell has been set up that includes Head (Mines), Head (CPP), Manager (Environment), Chemist, Horticulturist, Environmental Engineer, Sample boys etc.										
9	As mentioned in the EIA/EMP, Rs. 100.32 Crores and Rs. 3.78 Crores allocated towards the capital cost and recurring cost per 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 purpose.	Allocations made & actual expenditures (Capital & recurring) incurred on Environment Management till March'09 are given in the enclosed Data Sheet.										
10	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.	Six monthly compliance reports in respect of Post Environment Clearance Monitoring (Rule 10 of EIA Notification, 2006, dated 14.09.2006) are timely submitted to the concerned regulatory authorities.										
11	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.	<table border="0"> <tr> <td>(i) Final approval of the project given on</td> <td>- 20th June 2005 by IDBI.</td> </tr> <tr> <td>(ii) Financial closure is on</td> <td>- 20th June 2006</td> </tr> <tr> <td>(iii) commencing of Civil construction/erection is on</td> <td>- 11/07/2005</td> </tr> <tr> <td>(iv) Planned date of commissioning</td> <td>- 31/03/2007</td> </tr> <tr> <td>Actual commissioning date</td> <td>- 24/07/2007</td> </tr> </table>	(i) Final approval of the project given on	- 20th June 2005 by IDBI.	(ii) Financial closure is on	- 20th June 2006	(iii) commencing of Civil construction/erection is on	- 11/07/2005	(iv) Planned date of commissioning	- 31/03/2007	Actual commissioning date	- 24/07/2007
(i) Final approval of the project given on	- 20th June 2005 by IDBI.											
(ii) Financial closure is on	- 20th June 2006											
(iii) commencing of Civil construction/erection is on	- 11/07/2005											
(iv) Planned date of commissioning	- 31/03/2007											
Actual commissioning date	- 24/07/2007											
12	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 Rajasthan State Pollution Control Board / Committee and may also be seen at Website of	Public has been informed about grant of EC by advertisement in the Rajasthan Patrika dated 27th May 2006 and Dainik Bhaskar dated 27th May 2006.										

	<p>the Ministry of Environment and Forests at http://envfor.nic.in. This should be advertised within seven days from the date of issue of the clearance letter at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and a copy of the same shall be forwarded to the Regional office at Lucknow.</p>	
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EVP (Operations)

DATA-SHEET

November 13, 2009

1. Project type : **Industry**
2. Name of the project : **Binani Cement Ltd.**
(2 to 4 MTPA Cement Plant & 25 MW CPP)
3. Clearance letter(s) & Dates : (i) No. J-11011/40/95-IA-II(I) dated 5.04.1996 &
(ii) No. J-11011/66/2006- IA II (I) dated 18.05.2006
4. Locations:
 - a) District(s) : Sirohi
 - b) State(s) : Rajasthan
 - c) Latitudes/Longitudes : 24°48' & 24°51' / 73°4' & 73°9'
5. Address for correspondence :
 - a) Address of concerned : **Shri P. Acharya**
Project Chief Engineer
CEO & Whole Time Director
Binani Cement, P.O.Binanigram,
Via Pindwara - 307 025, Dist. Sirohi (Raj.)
Phones: 02971 - 2225005 /225012
Fax: 02971- 225020
 - b) Address of concerned : **Shri Darshan Lal**
Executive Project Engineer
Executive Vice President
Binani Cement, Binanigram
Pindwara - 307 025, Sirohi (Raj.)
Phones: 02971 - 2225005 /225012
Fax: 02971- 225020
6. Salient features :
 - (a) of the project : Submitted
 - (b) of the environmental management plan : Submitted
7. Break up of the project area :
 - a) Submergence area :
(Forest & non-forest) : **N.A.**
 - b) Others: : 230 ha. (Plant and Colony)
8. Break up of project affected population with enumeration of those losing houses/dwelling units only, agricultural land only, both dwelling units and agricultural land and land less labourers/artisans :
 - (a) SC, ST / Adivasis : None.
 - (b) Others : None
 - (c) Number of villages affected : None
 - (d) Name & other particulars of identified area for settlement : None
 - (e) Compensation package : N.A.
 - (f) Budget : N.A.
 - (g) Status : N.A.

(Please indicate whether these figures are based on any scientific and systematic survey carried out or any provisional figures. If a survey is carried out give details and year of survey)

9. Financial details:	<u>Existing</u>	<u>Expansion</u>
(a) Project cost as originally planned & subsequent revised estimates and the years of price reference:	: Rs.415 Crores Plant + Mines Rs.600 Crores Plant + Mines (March'98)	Rs. 423 Crores Rs. 475 Crores (Dec. 06)
(b) Allocations made for environmental management plans, with item-wise and year-wise break up.	: 27.65 Crores (Annexure-I)	Rs. 72.67 Crores
(c) Benefit cost ratio / internal rate of return and the year of assessment.	: <i>Not estimated</i>	<i>Not estimated</i>
(d) Whether includes the cost of environmental management as shown in (b) above	: <i>N. A</i>	<i>N. A</i>
(e) Actual expenditure incurred on the project so far	: Rs.638.26 Crore (31.03.09)	Rs. 516.50 Crores (31.03..2009)
(f) Actual expenditure incurred on the environmental management plans so far	: Rs. 41.52 Crore (31.03.09)	Rs. 98.77 Crore (31.03.09)
10. Forest land requirement	: No forest land involved	Expansion in Existing premises
(a) The status of approval for a diversion of forest land for non-forestry use	: NA	NA
(b) The status of compensatory afforestation, if any	: NA	NA
(c) The status of clear felling	: NA	NA
(d) Comments on viability & sustainability of compensatory afforestation programme in light of actual field experience so far	: NA	NA
11. The status of clear felling in non-forest areas (such as submergence area of reservoir, approach roads), if any, with quantitative information	: N.A.	N.A.
12. Status of construction	:	
(a) Date of commencement (actual and /of planned)	12/10/1995	01.06.2006
(b) Date of completion (actual and /or planned)	27/03/1997	July'2007
13. Reasons for the delay if the project is yet to start	: NA	
14. Environmental clearance condition wise compliance report	: Attached	Attached

Signature with Seal

BINANI CEMENT LIMITED**ITEMWISE BREAKUP OF
CAPITAL INVESTMENT & ESTIMATES FOR ENVIRONMENT MANAGEMENT PLAN**

Details of allocation made for environmental management for the existing and expansion Cement Plants & CPP units			
S N	Particulars	Capital Investment (Rs. in lacs)	
		Existing	Expansion
1	Air Pollution Control	2450.0	7201.5
2	Water Pollution Control	10.0	15.0
3	Noise Pollution Control	20.0	15.0
4	Environment Monitoring & Management	40.0	15.0
5	Occupational Health	150.0	25.0
6	Green Belt	85.0	5.0
7	Solid Waste Management	10.0	5.0
TOTAL		2765.0	7266.5

RECURRING COST & ESTIMATES

Details of allocation made for Annual cost of monitoring and implementation of control measures for the existing and expansion Cement Plants & CPP units			
S N	Particulars	Recurring Cost per annum (Rs. in lacs)	
		Existing	Expansion
1	Air Pollution Control	133.06	150.0
2	Water Pollution Control	1.18	5.0
3	Noise Pollution Control	2.0	15.0
4	Environment Monitoring & Management	5.32	8.0
5	Occupational Health	17.34	20.0
6	Green Belt	13.5	5.0
7	Solid Waste Management	3.0	5.0
TOTAL		159.70	218.0