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Ref.No-M0212/5
20th May, 2015

To,
The Additional Director,
Government of India
Ministry of Environment and Forest
(L.A. Division)
Paryavaran Bhawan
CGO Complex, Lodhi Road
New Delhi - 110 003

Sub: - Submission of six monthly compliance report (Oct, 2014 to March, 2015) of EC letter for expansion cum modernization Project from 0.7 MTPA to 1.2 MTPA of clinker and from 1.275 MTPA to 2.00 MTPA of cement of M/s OCL INDIA LTD at Village - Rajgangpur, Tehsil Rajgangpur, District - Sundargarh, Odisha.

Ref: - Environment Clearance letter No.:- J-11011/206/2004-IA II (I) dated 21st July 2005.

Dear Sir,

With reference to above letter, we enclose herewith six monthly compliance report of conditions stipulated in the Environmental Clearance for the above project.

Thanking you

Yours sincerely
For OCL INDIA LIMITED

Ganesh W. Hirankumar
Deputy Executive Director (Mfg) /C

Encl: As above.

Copy to:

1. The Chairman
Central Pollution Control Board
Parivesh Bhawan
CGO-cum-Office Complex
East Arjuni Nagar
DELHI - 110 032
2. The Director (S)
Government of India
Ministry of Environment and Forest
Eastern Regional Office
A/3, Chandrasekharpur
BHUBANESWAR - 751 023
3. The Chairman
State Pollution Control Board, Odisha
Parivesh Bhawan
A/118, Nilakanthnagar, Unit - VIII
BHUBANESWAR - 751 012

**SIX MONTHLY COMPLIANCE REPORT
(OCTOBER, 2014 TO MARCH, 2015)
OF
ENVIRONMENT CLEARANCE LETTER NO.
J-11011/206/2004-IA II (I) DATED 21st JULY, 2005
FOR EXPANSION CUM MODERNISATION PROJECT
FROM 0.7 MTPA TO 1.2 MTPA OF CLINKER
AND
1.275 MTPA TO 2.0 MTPA OF CEMENT
BY
OCL INDIA LIMITED
RAJGANGPUR – 770017
DIST- SUNDARGARH
ODISHA**

OCL INDIA LTD, RAJGANGPUR

Sub: Submission of Six monthly compliance report (October,2014 to March,2015) of conditions stipulated in Environmental Clearance letter No. J-11011/206/2004-IA II (I) dated 21st July 2005 by MoEF for the Project of OCL India Limited, Rajgangpur.

A. SPECIAL CONDITION

Sl.No.	Description of Conditions	Compliance Status																																																															
i	The gaseous and particulate matter emissions from various units shall conform to the standards prescribed by the State pollution Control Board. At no time the particulate emissions shall exceed 50 mg/Nm ³ . Further, the company may also take appropriate additional measures to improve design and operating practices of pollution control equipment. Trippings in kiln ESP shall be minimized. 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>a. Stack emission measurements are taken and reported to Odisha State Pollution Control Board every month. Data for the period (October,2014 to March,2015) is given in the table set out below, from which it would be noted that the company had strictly been adhering to the prescribed norm of maintaining the emission level to below 50 mg/Nm³.</p> <p>Table No:- A i.a</p> <table border="1"> <thead> <tr> <th rowspan="2">Stack attached to</th> <th colspan="6">Particulate matter emission in mg/Nm³</th> </tr> <tr> <th>Oct - 14</th> <th>Nov-14</th> <th>Dec - 14</th> <th>Jan- 15</th> <th>Feb - 15</th> <th>March - 15</th> </tr> </thead> <tbody> <tr> <td>Cement VRM-1 B/F</td> <td>21.0</td> <td>23.7</td> <td>23.6</td> <td>22.5</td> <td>21.2</td> <td>20.3</td> </tr> <tr> <td>Cement VRM-2 B/F</td> <td>23.6</td> <td>25.0</td> <td>24.4</td> <td>23.6</td> <td>23.5</td> <td>22.1</td> </tr> <tr> <td>Cement VRM-3 B/F</td> <td>23.3</td> <td>21.4</td> <td>19.0</td> <td>19.5</td> <td>19.8</td> <td>18.0</td> </tr> <tr> <td>Kiln + VRM ESP</td> <td>34.0</td> <td>34.6</td> <td>35.4</td> <td>37.6</td> <td>36.6</td> <td>36.5</td> </tr> <tr> <td>Cooler ESP</td> <td>24.8</td> <td>24.1</td> <td>24.4</td> <td>29.2</td> <td>23.4</td> <td>24.9</td> </tr> <tr> <td>Coal Mill B/F</td> <td>18.9</td> <td>18.1</td> <td>18.6</td> <td>17.2</td> <td>17.1</td> <td>15.6</td> </tr> <tr> <td>Cement Mill (1& 2) B/F</td> <td colspan="6" rowspan="2">Units were stopped</td> </tr> <tr> <td>Cement Mill (3& 4) Hybrid filter</td> </tr> </tbody> </table> <p>b. Interlocking facility has already been provided in (Programmed Logic Control) PLC controlled computer operation of the plant in such a way that in the event of ESP tripping, kiln feed gets shut down automatically.</p>	Stack attached to	Particulate matter emission in mg/Nm ³						Oct - 14	Nov-14	Dec - 14	Jan- 15	Feb - 15	March - 15	Cement VRM-1 B/F	21.0	23.7	23.6	22.5	21.2	20.3	Cement VRM-2 B/F	23.6	25.0	24.4	23.6	23.5	22.1	Cement VRM-3 B/F	23.3	21.4	19.0	19.5	19.8	18.0	Kiln + VRM ESP	34.0	34.6	35.4	37.6	36.6	36.5	Cooler ESP	24.8	24.1	24.4	29.2	23.4	24.9	Coal Mill B/F	18.9	18.1	18.6	17.2	17.1	15.6	Cement Mill (1& 2) B/F	Units were stopped						Cement Mill (3& 4) Hybrid filter
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ii	Ambient Air Quality including ambient noise level must not exceed the standards stipulated under EPA/State authorities. Monitoring of ambient air quality and stack emissions shall be carried out regularly in consultation with SPCB and report submitted to the Board quarterly and to the Ministry (Regional office at Bhubaneswar) half yearly. Continuous stack monitoring system shall be installed.	<p>a. Monitoring of Ambient air quality is carried out regularly in consultation with SPCB. The average data for six month given hereunder which are within the prescribed standard stipulated under EPA/SPCB. (data on ambient noise level is shown in B. v under general condition)</p> <p>Table No:- A.ii.a</p> <p>b. Continuous stack monitoring systems are installed in all the major stacks.</p>																																																															

Ambient air quality monitoring reports are as under::

Table No. A.ii.a

Location of sampling station	SO ₂ (µg / m ³)	NO _x (µg / m ³)	Particulate matter (size less than 10µm) or PM ₁₀ (µg / m ³)	Particulate matter (size less than 2.5µm) or PM _{2.5} (µg / m ³)	Ozone (O ₃) (µg / m ³)	Lead (Pb) (µg / m ³)	CO (mg / m ³)	Ammonia (NH ₃) (µg / m ³)	Benzene (C ₆ H ₆) (µg / m ³)	Benzo(a) Pyrene (BaP) - particulate phase only (µg / m ³)	Arsenic (AS) (µg / m ³)	Nickel (Ni) (µg / m ³)
STORES BUILDING	8.0	29.0	76.0	28.0	22.0	0.52	0.80	55.0	<0.1	<0.1	<1.0	<5.0
DITC BUILDING	6.0	20.0	70.0	24.0	38.0	0.55	0.38	62.0	<0.1	<0.1	<1.0	<5.0
CANTEEN BUILDING	6.0	24.0	72.0	23.0	24.0	0.42	0.20	66.0	<0.1	<0.1	<1.0	<5.0
LOCO GATE	12.0	35.0	88.0	36.0	33.0	0.59	0.45	56.0	<0.1	<0.1	<1.0	<5.0

iii	<p>The Company shall install adequate dust collection and extraction system to control fugitive dust emissions at various transfer points. The dust collected from pollution control equipment shall be recycled back into the process. Water sprinkling arrangements shall be made to control the fugitive emissions in the raw material stockyard, unloading hoppers, and discharge gate at reclaims of silos and cement bag loading areas. Dust emission from bag filter and ESP shall not exceed 50mg/Nm³.</p>	<p>a. Bag filters are installed suitably at different locations so as to minimise fugitive dust emission. b. Water sprinkling on the road as required. c. Water spraying at lime stone transfer points. d. High pressure atomized water spraying at limestone transfer points e. High pressure jet water spraying at limestone stock pile. f. Road sweeping machines are deployed on regular cleaning of roads both in Plant and Colony. g. Closed shed for Raw material storage. h. Belt conveyors are totally covered.</p> <p>Stack emission from Bag filters and ESPs are well within the prescribed limit. Continuous online monitoring systems provided in all main stacks and monitored data is transferred to SPCB through GPRS.</p>
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iv	The Company shall undertake measures to reduce the pollution load by converting narrow gauge track to electrified meter/broad gauge, and also to increase the rake size by adding higher capacity locomotives so that number of trips for transportation of limestone from Lanjiberna Mines to the cement plant shall not be increased.	<p>Company had constructed and operated the plant after obtaining the permission from MoEF "Consent to establish" vide its letter NoJ-11011/206/2004-IA (I) dated 21-July-2005 and OSPCB 'Consent to operate' from Odisha State Pollution Control Board (OPSCB) vide its two letters bearing No 37026/SPCB/BBSR-I-IND (CON) 25 and No.37024/SPCB/BBSR-I-IND (CON) 25, both dated 31.12.2005. Thereafter company has applied to MoEF and OSPCB for pollution clearance for increasing further capacity with the proposal of belt conveyor. MoEF has given letter of consent to establish on 5-April-2007 vide letter No-F.NO-J-11011/352/2005-IA II (I) for increasing clinker capacity from 1.2 mtpa to 2.9 mtpa and cement production capacity from 2.0 mtpa to 4.0 mtpa by installing machineries where in company has proposed belt conveyor in place of NGT finally based on consultants report which is summarised in subsequent paragraph and proceedings with construction, which has been commissioned.</p> <p>"The company had engaged HOLTEC to study any better eco-friendly transportation system compared to Narrow/Meter/Broad gauge track line. Belt conveyor is suitable transportation system. The Belt conveyor system has been installed in same land occupied by the existing narrow gauge track line. The design capacity of belt conveyor is 1000 tph of crushed limestone."</p>
v	The Company shall use flyash up to 35% for manufacturing of Portland Pozzolana cement	We are manufacturing Portland Slag Cement (PSC) with Blast furnace slag which is an industrial waste generated in the course of steel manufacture. Portland Pozzolana cement (PPC) is also manufactured where 100 % fly ash of our Captive Power Plant is used. Percentage of Slag & Fly ash is achieved 60% & 35% respectively.
vi	The company shall undertake water conservation measures by recycling of wastewater after treatment and utilization of 100% of waste heat in VRM, Coal mill and CVRMs to reduce water consumption and replacement of water-cooling machines by air-cooling machines.	<ol style="list-style-type: none"> a. At all times, the heat requirement of VRM, Coal Mill and CVRMs is met from recoverable waste heat. b. Similarly wastewater after treatment is used for machines cooling, hot material and spraying inside VRM and CVRMs. c. The company has initiated action to ensure that as far as possible procurement of new machineries are of air-cooling system instead of water-cooled ones. One example is the installation of GRR (Air cooling machine) in place of LRR (water cooling machine) of PH fan d. Road sweeping machines are deployed on regular cleaning of roads both in Plant and Colony.

vii	<p>The company shall develop green belt in an area 44.39 ha. Central pollution Control Board guidelines must be followed in planning and developing green belt and selection of species etc.</p>	<p>a. Company had constructed and operate the plant after obtaining the Environmental clearance from MoEF "Consent to establish" vide letter NoJ-11011/206/2004-IA (I) dated 21-July-2005 and 'Consent to operate' from Orissa State Pollution Control Board (OSPCB) vide its two letters bearing No 37026/SPCB/BBSR-I-IND (CON) 25 and No.37024/SPCB/BBSR-I-IND (CON) 25, both dated 31.12.2005. MoEF has asked to develop green belt in an area of 44.39ha.</p> <p>Company had constructed and operate the plant after obtaining the Environmental clearance from MoEF "Consent to establish" vide letter No-F.NO-J-11011/352/2005-IA II (I) dated 5-April-2007 and 'Consent to operate' from Orissa State Pollution Control Board (OSPCB) vide its two letters bearing No.6681/IND-I-CON-25 dated 29.04.09 and No. 15009/IND-I-CON-25 dated 19.09.09 clinker capacity 2.9 mtpa and cement production capacity 4.0 mtpa. MoEF has asked under Specific Condition with clause No xi that "Green belt shall be developed in at least 28.0 ha out of total 91.15 ha land in consultation with local DFO as per the CPCB guideline."</p> <p>The green coverage has already reached 38% of the total area. We have so far planted more than 1.9 lakh trees, details given below: Year wise plantation(from 2006 till March 2015) & plantation Plan</p> <table border="1" data-bbox="947 570 1856 1097"> <thead> <tr> <th colspan="3">DETAILS OF YEARWISE PLANTATION IN AND AROUND OCL PREMISES</th> </tr> <tr> <th>YEAR</th> <th>NO. TREES PLANTED</th> <th>REMARKS</th> </tr> </thead> <tbody> <tr> <td>Up to March,2007-08</td> <td>148655</td> <td>Plantation & sapling distributed to nearby villagers free of cost</td> </tr> <tr> <td>2008-2009</td> <td>155155</td> <td>2300</td> </tr> <tr> <td>2009-2010</td> <td>162401</td> <td>4800</td> </tr> <tr> <td>2010-2011</td> <td>171757</td> <td>6964</td> </tr> <tr> <td>2011-2012</td> <td>177957</td> <td>9964</td> </tr> <tr> <td>2012-2013</td> <td>183957</td> <td>14164</td> </tr> <tr> <td>2013-2014</td> <td>190246</td> <td>19664</td> </tr> <tr> <td>2014-2015</td> <td>196660</td> <td>27664</td> </tr> </tbody> </table>	DETAILS OF YEARWISE PLANTATION IN AND AROUND OCL PREMISES			YEAR	NO. TREES PLANTED	REMARKS	Up to March,2007-08	148655	Plantation & sapling distributed to nearby villagers free of cost	2008-2009	155155	2300	2009-2010	162401	4800	2010-2011	171757	6964	2011-2012	177957	9964	2012-2013	183957	14164	2013-2014	190246	19664	2014-2015	196660	27664
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viii	<p>No discharge of treated effluent shall be done outside the premises and all treated effluent (STP) should be utilized for green belt development and other plant related activities.</p>	<p>There is no discharge of any effluent outside the premises of the Company. All treated effluent (STP) is utilized for green belt development and other plant related activities.</p>																														

ix	The company must harvest the rain water from the rooftops and storm water drains to recharge ground water.	<ul style="list-style-type: none"> a. OCL has already completed one rainwater harvesting project for storm water. b. A Pilot project of roof top rain water-harvesting has been completed in colony under guidance of the Office of Hydrologist, Ground Water Survey & Investigation Division, Sambalpur, and Government of Orissa. c. CGWB's official has been consulted for guidance of further implementation of roof top rain water harvesting systems. d. Rain water harvesting project from semi-circular raw material shed is completed.
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B. GENERAL CONDITION

<u>Sl. No</u>	<u>Description of Conditions</u>	<u>Compliance Status</u>
i	The Project authority must adhere to the stipulation made by Orissa State Pollution Control Board and State Government.	Company is strictly abiding to all stipulations made by OSPCB and State Government.
ii	No further expansion or modification of the plant should be carried out without prior approval of this Ministry.	Noted
iii	At least four ambient air quality-monitoring station should be established in the downward direction as well as where maximum ground level concentration of SPM, SO ₂ and NO _x are anticipated in consultation with the Orissa State Pollution Control Board. Data on ambient air quality and stack emission should be regularly submitted to this Ministry including Regional Office at Bhubaneswar and the State Pollution Control Board/Central Pollution Control Board once in six months.	<ul style="list-style-type: none"> a. 4 ambient air quality monitoring stations are installed in consultation with SPCB which are shown in the table A.ii. a b. Monitored data of RPM.SO₂, NO_x, CO are also given above in the table A.ii.a. c. The coal used in cement kiln is a low sulphur content coal. So SO₂ content is very low. Similarly the Burner used in cement kiln is a special designed (low NO_x) burner, which does not generate NO_x during firing. Monitored data on ambient air quality and stack emission is being submitted regularly to the Ministry including Regional Office at Bhubaneswar and the State Pollution Control Board/Central Pollution Control Board once in six months.

iv	Industrial wastewater shall be properly collected, treated so as to confirm 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 should be utilized for plantation.	<p>a. Waste water generated in the plant is treated in the effluent treatment plant (ETP) of Refractory unit which is used for process and cooling purposes as make up water in the existing cement plant. The quality of effluent water after treatment is being analysed. The last analysis report is as under.</p> <p>Date of sampling:- 11.03.2015</p> <table border="1" data-bbox="909 261 1686 509"> <thead> <tr> <th>Sl.No</th> <th>Parameter</th> <th>Result of ETP outlet treated water</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>PH value</td> <td>7.4</td> </tr> <tr> <td>2</td> <td>Total suspended solids as CaCO₃ (mg/l)</td> <td>BDL</td> </tr> <tr> <td>3</td> <td>B.O.D (mg/l)</td> <td>BDL</td> </tr> <tr> <td>4</td> <td>C.O.D (mg/l)</td> <td>BDL</td> </tr> <tr> <td>5</td> <td>Oil & Grease (mg/l)</td> <td>BDL</td> </tr> </tbody> </table> <p>Note: BDL: Below detection limit. Minimum detection limit of TSS – 10 mg/l, B.O.D. – 5 mg/l, C.O.D. - 5 mg/l, Oil & Grease - 6 mg/l.</p> <p>b. The Colony effluent is treated in STP & treated water is used for plantation & greenery.</p>	Sl.No	Parameter	Result of ETP outlet treated water	1	PH value	7.4	2	Total suspended solids as CaCO ₃ (mg/l)	BDL	3	B.O.D (mg/l)	BDL	4	C.O.D (mg/l)	BDL	5	Oil & Grease (mg/l)	BDL					
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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 should confirm to the standards prescribed under Environmental (Protection) Act 1986 Rules, 1989 viz 75 dBA (day time) and 70 dBA (night time).	<p>a. Overall noise level is maintained within the prescribed standards.</p> <p>b. Ambient noise level is monitored at 5 locations. Monitored data is well within the prescribed limit .The average data for six month is given hereunder in the table B.v.a.1</p> <table border="1" data-bbox="869 792 2003 1036"> <thead> <tr> <th rowspan="2">Particulars</th> <th colspan="5">Sampling Locations</th> </tr> <tr> <th>Stores Building</th> <th>DIIC Building</th> <th>LOCO Gate</th> <th>Near Canteen</th> <th>OCL Colony</th> </tr> </thead> <tbody> <tr> <td>Noise level (L_{day}) during day time</td> <td>67.8</td> <td>68.5</td> <td>68.1</td> <td>64.80</td> <td>43.4</td> </tr> <tr> <td>Noise level (L_{night}) during night time</td> <td>55.4</td> <td>59.8</td> <td>57.6</td> <td>57.2</td> <td>38.7</td> </tr> </tbody> </table>	Particulars	Sampling Locations					Stores Building	DIIC Building	LOCO Gate	Near Canteen	OCL Colony	Noise level (L _{day}) during day time	67.8	68.5	68.1	64.80	43.4	Noise level (L _{night}) during night time	55.4	59.8	57.6	57.2	38.7
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vi	<p>Proper housekeeping and adequate occupational health programme must be taken up. Occupational Health Surveillance programme should be done on a regular basis and records maintained. The programme must include lung function and sputum analysis tests once in six months.</p>	<p>Medical check up Camps for OCL employees are being organised every year in collaboration with doctors of ESI Corporation. In the Camp, the tests conducted include Urine, Blood Sugar, Eye, Blood Group, Ear and Chest X-ray. Besides, doctors of ESI Corporation, Inspector of Factories (Medical) and doctors from Occupational Disease Centre, Kolkata also used to attend the Camp. Director, ESI Scheme, Govt. of Orissa and Regional Director, ESI Corporation, Bhubaneswar, Orissa closely monitored the programs. All facilities for conducting the programme are being provided by OCL. Health check up programme is a continuous system.</p> <p>Executives: Pre-employment health check-up of executives is compulsory and is being carried out at OCL dispensary/leading hospitals at Rourkela. The tests conducted to ascertain the health status of new recruits are history taking, physical examination (Vitals, weight, height, hearing, vision, etc.), complete blood count, FBS (Sugar), Serum Creatinine (Kidney functioning), VDRL (Venereal disease), urine, stool, chest X-ray, blood groupings, blood Urea, serum cholesterol, HIV (with the consent of the executive), ECG and review of the patient with all reports and final recommendation Health check-up report of executives / employee for the year 2014 is as under:</p> <table border="1" data-bbox="842 581 2003 1133"> <thead> <tr> <th data-bbox="842 581 1476 630">Health Status of Employees Particulars</th> <th data-bbox="1476 581 2003 630">2015</th> </tr> </thead> <tbody> <tr> <td data-bbox="842 630 1476 670">Number of employees examined</td> <td data-bbox="1476 630 2003 670">1056</td> </tr> <tr> <td data-bbox="842 670 1476 711">Not Affected Disease (NAD) (%)</td> <td data-bbox="1476 670 2003 711">964 i.e. 91.2%</td> </tr> <tr> <td data-bbox="842 711 1476 751">Cardio vascular system (IHD)</td> <td data-bbox="1476 711 2003 751">-</td> </tr> <tr> <td data-bbox="842 751 1476 792">Diabetes</td> <td data-bbox="1476 751 2003 792">11</td> </tr> <tr> <td data-bbox="842 792 1476 833">Hypertension</td> <td data-bbox="1476 792 2003 833">9</td> </tr> <tr> <td data-bbox="842 833 1476 873">Kidney disease</td> <td data-bbox="1476 833 2003 873">-</td> </tr> <tr> <td data-bbox="842 873 1476 914">Mild lever disorder</td> <td data-bbox="1476 873 2003 914">-</td> </tr> <tr> <td data-bbox="842 914 1476 954">Hydrocele</td> <td data-bbox="1476 914 2003 954">30</td> </tr> <tr> <td data-bbox="842 954 1476 995">ENT</td> <td data-bbox="1476 954 2003 995">4</td> </tr> <tr> <td data-bbox="842 995 1476 1036">Eye</td> <td data-bbox="1476 995 2003 1036">38</td> </tr> <tr> <td data-bbox="842 1036 1476 1076">Surgical problem</td> <td data-bbox="1476 1036 2003 1076">-</td> </tr> <tr> <td data-bbox="842 1076 1476 1133">Arthritis</td> <td data-bbox="1476 1076 2003 1133">-</td> </tr> </tbody> </table>	Health Status of Employees Particulars	2015	Number of employees examined	1056	Not Affected Disease (NAD) (%)	964 i.e. 91.2%	Cardio vascular system (IHD)	-	Diabetes	11	Hypertension	9	Kidney disease	-	Mild lever disorder	-	Hydrocele	30	ENT	4	Eye	38	Surgical problem	-	Arthritis	-
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Arthritis	-																											
vii	<p>The project proponent shall comply with all the environmental protection measures and safeguards recommended in the Environmental Impact Assessment / Environmental Management Plan.</p>	<p>Noted and being complied.</p>																										

viii	<p>A separate environmental management cell with full-fledged laboratory facilities to carry out various management and monitoring functions should be set up under control of Senior Executive.</p>	<p>There is a permanent organizational set up assigned with the task of ensuring its effective implementation. OCL has a well-documented system to monitor and control pollution. OCL has already been set up full - fledged environmental laboratory with monitoring facilities. OCL has a department consisting of officers from various disciplines to coordinate the activities concerned with the management and implementation of the environmental control measures of the existing plant operation. The responsibility of the existing Environmental Management Cell is presented below:</p> <p>Basically, this department undertakes monitoring of the environmental pollution levels by measuring stack emissions, ambient air quality, water and effluent quality, noise level etc., either departmentally or by external agencies wherever necessary. In case of any observation for improvement the Environmental Management Cell suggests remedial action and gets these suggestions implemented through the concerned plant authorities. The Environmental Management Cell also co-ordinates all the related activities such as collection of statistics w.r.t health of workers and population of the region, afforestation and green belt development.</p> <p>ENVIRONMENT MONITORING LAB</p> <p>OCL has the following instruments/equipment at its laboratory for testing and monitoring as listed in Table B.viii.B.1</p> <p>Table B.viii.B.1: Environmental Monitoring Equipment at OCL</p> <table border="1" data-bbox="858 781 1822 1373"> <thead> <tr> <th>Sl. No</th> <th>Instrument/Equipment</th> <th>Quantity (Nos.)</th> </tr> </thead> <tbody> <tr><td>1</td><td>Stack monitoring kit</td><td>3</td></tr> <tr><td>2</td><td>High Volume Samplers</td><td>1</td></tr> <tr><td>3</td><td>Respirable dust Sampler</td><td>7</td></tr> <tr><td>4</td><td>Fine Particulate matter sampler</td><td>2</td></tr> <tr><td>5</td><td>Personal dust Sampler</td><td>2</td></tr> <tr><td>6</td><td>Digital Temperature Indicator</td><td>2</td></tr> <tr><td>7</td><td>Pitot tube</td><td>4</td></tr> <tr><td>8</td><td>Digital Manometer</td><td>2</td></tr> <tr><td>9</td><td>Portable flue Gas Analyzers</td><td>2</td></tr> <tr><td>10</td><td>Spectrophotometer</td><td>1</td></tr> <tr><td>11</td><td>pH Meter</td><td>1</td></tr> <tr><td>12</td><td>B.O.D Incubator</td><td>1</td></tr> <tr><td>13</td><td>Sound level meter</td><td>2</td></tr> <tr><td>14</td><td>Portable CO monitor</td><td>1</td></tr> <tr><td>15</td><td>Weather monitor</td><td>1</td></tr> <tr><td>16</td><td>Oven</td><td>1</td></tr> </tbody> </table> <p>For other testing and monitoring requirement as statutory requirements, OCL is getting the services of laboratory of external laboratory recognized by OSPCB.</p>	Sl. No	Instrument/Equipment	Quantity (Nos.)	1	Stack monitoring kit	3	2	High Volume Samplers	1	3	Respirable dust Sampler	7	4	Fine Particulate matter sampler	2	5	Personal dust Sampler	2	6	Digital Temperature Indicator	2	7	Pitot tube	4	8	Digital Manometer	2	9	Portable flue Gas Analyzers	2	10	Spectrophotometer	1	11	pH Meter	1	12	B.O.D Incubator	1	13	Sound level meter	2	14	Portable CO monitor	1	15	Weather monitor	1	16	Oven	1
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ix	<p>The Project authority will provide separate funds for both recurring and non-recurring to implement the conditions stipulated by the Ministry of Environment and Forest as well as the State Government along with the implementation schedule for all the conditions stipulated herein. The funds so provided should not be diverted for any purposes.</p>	<p>Funds for both recurring and non-recurring to implement the conditions stipulated by the MoEF as well as the State Govt. are being provided and the conditions are implemented from time to time as per stipulation. We further confirm that the funds so provided are not diverted for any other purpose.</p>
x	<p>The Regional office of this Ministry at Bhubaneswar/Central Pollution Control Board/State pollution Control Board will monitor the stipulated conditions. A six monthly compliance report and the monitored data along with statistical interpretation should be submitted to them regularly.</p>	<p>Six monthly compliance report along with monitored data is being submitted regularly.</p>
xi	<p>The Project Authority 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.</p>	<p>Complied</p>
xii	<p>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 State Pollution Control Board/Committee and may also be seen at Website of the Ministry of Environment and Forest at http://envfor.nic.in. This should be advertised within seven days from the date of issue of clearance letter at least 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 the same shall be forwarded to the Regional office.</p>	<p>Complied</p>