

ORCEM/DVP/ENV/ 91

30th May, 2022

To,
Deputy Director General of Forests (C)
Ministry of Environment, Forests and Climate Change,
Integrated Regional Office,
3rd Floor, Room No. 309, Aranya Bhawan, Opp. RBI,
Saifabad – 500004, Hyderabad, Telangana.

Sub: Submission of Six Monthly Compliance Report for Environmental Clearance of expansion of Cement Plant (Cement 3,600 to 8,900 TPD and Clinker 5,560 to 10,600 TPD) and installation of Captive Power Plant (50 MW) by M/s Orient Cement Limited at Devapur (V), Mancherla (Dist.), Telangana state for the period of October 2021 to March 2022 - Reg.

Ref: Environment Clearance F. No. J-11011/266/2007-IA.II(I) Dated 06th September, 2007.

Dear Sir,

Reference with the Environmental Clearance cited above, we are herewith attached six monthly compliance report for the period of October 2021 to March 2022 for our expansion of Cement Plant (Cement 3,600 to 8,900 TPD and Clinker 5,560 to 10,600 TPD) and installation of Captive Power Plant (50 MW) at Devapur (V), Kasipet (M) Mancherla (Dist.), Telangana State.

This is for your information & records please.

Thanking you,

Yours faithfully
For ORIENT CEMENT LIMITED



Y Padmaveer
Asst. Vice President (Production) and
Factory Manager.



Encl: A/a

Copy:

1. The Regional Director, Central Pollution Control Board, Regional Directorate (South), Nisarga Bhawan, 1st Floor, 7th D Cross, Thimmaiah Road, Shivanagar, Bengaluru - 560079, Karnataka.
2. Member Secretary, Telangana State Pollution Control Board, Paryavaran Bhavan, A-3, Industrial Estate, Sanathnagar, Hyderabad – 500018, Telangana.
3. Environmental Engineer, Telangana State Pollution Control Board, Regional Office, H. No. 6-2-166/A, 1st Floor, Subhash Nagar, Nizamabad – 503002, Telangana.

Orient Cement Limited

Devapur Plant: PO Devapur Cement Works, Adilabad (District), Telangana 504218, India.

+91 8736 240709 Fax: +91 8736 240522

Registered Office: Unit VIII, Plot No.7, Bhoynagar, Bhubaneswar, Odisha 751012, India www.orientcement.com

CIN No : L26940OR2011PLC013933

Orient Cement Limited

Devapur Village, Kasipet Mandal, Mancherial District, Telangana – 504218

Environmental Clearance F. No. J -11011/266/2007-IA II (I) Dated: 06th September 2007

Half Yearly Compliance Report for the period October 2021 to March 2022

Sl. No.	Conditions	Compliance Status																												
A - Specific Conditions																														
i.	On-line continuous stack monitoring facilities for all the stacks and adequate air pollution control systems shall be provided to keep emission levels below 50 mg/Nm ³ and data submitted to the APPCB and CPCB regularly. ESP to kiln / raw mill, clinker and CPP shall be provided to control air emissions.	<ul style="list-style-type: none">On-line Continuous Stack Monitoring facilities (CEMS) were provided for all stacks attached to Raw Mills & Kilns, Coolers, Coal Mills, Cement Mills and Captive Power Plant.All the CEMS are connected to TSPCB and CPCB servers.Particulate Matter emissions from all the stacks of Cement Plant & CPP are well within the prescribed standards of 30 & 50 mg/Nm³ respectively.Air Pollution Control Devices were provided to all the process stacks to control PM emissions well below the standards. List of APCDs as follows:<table><tr><th>Process Equipment</th><th>APCD</th></tr><tr><td>Kiln & Raw Mill - I</td><td>ESP</td></tr><tr><td>Clinker Cooler - I</td><td>ESP</td></tr><tr><td>Coal Mill (Ball Mill) - I</td><td>Bag House</td></tr><tr><td>Coal Mill (VRM) - I</td><td>Bag House</td></tr><tr><td>Kiln & Raw Mill - II</td><td>ESP</td></tr><tr><td>Clinker Cooler - II</td><td>ESP</td></tr><tr><td>Coal Mill (Ball Mill) - II</td><td>Bag House</td></tr><tr><td>Kiln & Raw Mill - III</td><td>RABH</td></tr><tr><td>Clinker Cooler - III</td><td>ESP</td></tr><tr><td>Coal Mill (Ball Mill) - III</td><td>Bag House</td></tr><tr><td>Cement Mill - 1</td><td>Bag House</td></tr><tr><td>Cement Mill – 2</td><td>Bag House</td></tr><tr><td>CPP Boilers</td><td>ESP</td></tr></table>Stack Emission Monitoring data for the period October 2021 to March 2022 & Photographs of APCDs and CEMS enclosed as Annexure – 1.	Process Equipment	APCD	Kiln & Raw Mill - I	ESP	Clinker Cooler - I	ESP	Coal Mill (Ball Mill) - I	Bag House	Coal Mill (VRM) - I	Bag House	Kiln & Raw Mill - II	ESP	Clinker Cooler - II	ESP	Coal Mill (Ball Mill) - II	Bag House	Kiln & Raw Mill - III	RABH	Clinker Cooler - III	ESP	Coal Mill (Ball Mill) - III	Bag House	Cement Mill - 1	Bag House	Cement Mill – 2	Bag House	CPP Boilers	ESP
Process Equipment	APCD																													
Kiln & Raw Mill - I	ESP																													
Clinker Cooler - I	ESP																													
Coal Mill (Ball Mill) - I	Bag House																													
Coal Mill (VRM) - I	Bag House																													
Kiln & Raw Mill - II	ESP																													
Clinker Cooler - II	ESP																													
Coal Mill (Ball Mill) - II	Bag House																													
Kiln & Raw Mill - III	RABH																													
Clinker Cooler - III	ESP																													
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Orient Cement Limited

Devapur Village, Kasipet Mandal, Mancherial District, Telangana – 504218

Environmental Clearance F. No. J -11011/266/2007-IA II (I) Dated: 06th September 2007

Half Yearly Compliance Report for the period October 2021 to March 2022

Sl. No.	Conditions	Compliance Status
ii.	Total Water requirement from the reservoir of abandoned mine pit shall not exceed 1,895 m ³ /day. No water from other surface or ground water sources shall be used. All the treated wastewater shall be recycled and reused in the process and/or for ash quenching, dust suppression, green belt development and other plant related activities etc. No process wastewater shall be discharged outside the factory premises and 'zero' discharge shall be adopted. Treated domestic effluent shall be used for green belt development within the plant premises.	<ul style="list-style-type: none"> Water consumed from Mines rain water harvesting pit for the CPP & Plant operations is 1192 m³/day for the period of October 2021 to March 2022. The plant is a modern dry process unit. Zero liquid discharge is in place. Domestic waste water from colony is being treated in STP and utilized completely for greenbelt development.
iii.	The fly ash from the power plant shall be stored in silos and pneumatically transferred to the cement plant and used in the process itself for manufacturing Pozzollona Portland Cement (PPC). Bottom ash shall be disposed off in abandoned mines or utilized in road making or given to brick kiln manufacturers. All the cement dust collected from pollution control devices shall be recycled and reused in the process and used for cement manufacturing. Sludge from domestic sources shall be used as manure for green belt development. Waste oil shall be sold to authorized recyclers/re-processors only.	<ul style="list-style-type: none"> Fly ash from the Power Plant is being conveyed pneumatically to cement plant and utilized for manufacturing of PPC grade cement. Bottom ash is being utilized in filling of low laying areas and internal road making. Dust collected from Air Pollution Control Equipment's viz. RABH, Bag House, ESP's, Bag Filter etc., are being recycled back into the process. Sludge from STP is used as manure for plantation in colony. Used oil is being disposed to authorized recyclers.
iv.	High calorific value hazardous waste shall be utilized in the cement kiln from Ranga Reddy, Medak and Patancheru Districts.	<ul style="list-style-type: none"> High calorific value hazardous waste and non-hazardous wastes (Rice husk, Cotton stalk, and Black carbon) sourcing from Telangana and other states are being co-processed in our cement kilns. We have obtained authorization from Telangana State Pollution Control Board vide Lr. No.1/PCB/CFE/RO-NZB/HO/2018 - 4373 dated 24.03.2018 for co-processing of hazardous wastes in our kilns. Hazardous & nonhazardous waste co-processed for the period October 2021 to March 2022 is 3718.94 MT.

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Half Yearly Compliance Report for the period October 2021 to March 2022

Sl. No.	Conditions	Compliance Status
v.	Out of total 425.89 acre, green belt shall be developed in 216.09 acres (51%) as per the CPCB guidelines to mitigate the effects of air emissions in consultation with local DFO.	Greenbelt was developed about 57.7% of the total area. Local and native species are being planted for better growth. Year wise greenbelt details and photographs are enclosed as Annexure- 2 .
vi.	Regular annual medical examination of all the employees shall be carried out from the occupational health point of view and records should be maintained.	<ul style="list-style-type: none"> Periodical Medical Examination is being carried out done for all the employees as well as contract workmen at our OHC. Medical examinations were conducted from 28/02/2022 to 12/03/2022. Records of the medical examinations are being maintained at our OHC.
B – General Conditions		
i.	The project authority shall adhere to the stipulations made by A.P. Pollution Control Board (APPCB) and State Government.	Stipulations made by TSPCB and Govt. of Telangana are being followed.
ii.	No further expansion or modification of the plant shall be carried out without prior approval of this Ministry.	Noted.
iii.	The gaseous and particulate matter emissions from various units shall conform to the standards prescribed by the A.P. Pollution Control Board. At no time, the particulate emissions from the cement plant shall exceed APPCB limit. Interlocking facility shall be provided in the pollution control equipment, so that in the event of the pollution control equipment not working, the respective unit(s) is shut down automatically.	<ul style="list-style-type: none"> Installed adequate Air Pollution Control equipment like RABH, High Efficiency Bag filters and ESP to control and achieving the particulate matter emission standards prescribed by TSPCB. Gaseous emissions (SO₂ & NO_x) are well below the prescribed standards by TSPCB. Interlocking facility was provided to Pollution Control Equipment so that in the event of failure of Pollution Control Equipment, the respective equipment (s) will be shutdown/feed cut automatically.

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Half Yearly Compliance Report for the period October 2021 to March 2022

Sl. No.	Conditions	Compliance Status
iv.	One Ambient Air Quality Monitoring Station shall be installed in downwind direction. 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 and Stack Emissions shall be carried out regularly in consultation with APPCB and report submitted to the TSPCB quarterly and to the Ministry's Regional Office at Bangalore half-yearly.	<ul style="list-style-type: none">Manual ambient air quality monitoring is being carried out at 4 no's of locations on monthly basis through third party M/s Lawn Enviro Associates, Hyderabad.Continuous ambient air quality monitoring stations (CAAQMS) installed and connected to TSPCB server.Data of AAQ, ambient noise and stack emissions are being submitted to the MOEFCC IRO at Hyderabad on half yearly & TSPCB on monthly basis. Stack Emission and AAQ data for the period October 2021 to March 2022 enclosed as Annexure - 3.

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Environmental Clearance F. No. J -11011/266/2007-IA II (I) Dated: 06th September 2007

Half Yearly Compliance Report for the period October 2021 to March 2022

Sl. No.	Conditions	Compliance Status												
v.	The company shall install adequate dust collection and extraction system to control fugitive dust emissions at various transfer points, raw mill handling (unloading, conveying, transporting, stacking), vehicular movement, bagging and packing areas, etc. Asphaltting/concreting of road and water spray all around the stockyard and loading / unloading areas shall be carried out to control fugitive emissions. Covered sheds for storage of raw materials and pneumatic conveying system for fly ash and bed ash for conveying ash from boiler shall be provided. Coal, cement, fly ash and clinker shall be stored in silos.	<ul style="list-style-type: none">We have installed adequate dust collection and extraction system to control fugitive emissions. About 115 no's of bag filters were installed at various material transfer points, silo tops, raw material un loading area and packing plant area.Cement Concrete roads are laid and regular water sprinkling and Road sweeping machine with in-built vacuum cleaner is being engaged to control of fugitive emissions.All the raw materials are being stored and handled under covered sheds. Those details are as follows:<table><tr><th>Material</th><th>Storage Capacity</th></tr><tr><td>Laterite</td><td>Total Sheds – 09 no' Each capacity is 4000 tons.</td></tr><tr><td>Gypsum</td><td>Total Sheds – 05 no's Each capacity is 4000 tons</td></tr><tr><td>Coal – Cement Plant</td><td>Total Sheds– 7 no's Each capacity is 5000 tons.</td></tr><tr><td>Limestone</td><td>Capacity 1,00,000 tons</td></tr><tr><td>Coal – CPP</td><td>Capacity 1,00,000 tons</td></tr></table>Fly ash handling through pneumatic system.All material transfer conveyors are covered with GI sheets.Cement & fly ash is being stored in Silo's and Clinker is stored in CSP and Silos to avoid the fugitive dust generation.A dedicated water tanker has been deployed for spraying water on roads to control fugitive dust. Photographs of the same are attached as Annexure - 4.	Material	Storage Capacity	Laterite	Total Sheds – 09 no' Each capacity is 4000 tons.	Gypsum	Total Sheds – 05 no's Each capacity is 4000 tons	Coal – Cement Plant	Total Sheds– 7 no's Each capacity is 5000 tons.	Limestone	Capacity 1,00,000 tons	Coal – CPP	Capacity 1,00,000 tons
Material	Storage Capacity													
Laterite	Total Sheds – 09 no' Each capacity is 4000 tons.													
Gypsum	Total Sheds – 05 no's Each capacity is 4000 tons													
Coal – Cement Plant	Total Sheds– 7 no's Each capacity is 5000 tons.													
Limestone	Capacity 1,00,000 tons													
Coal – CPP	Capacity 1,00,000 tons													

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Sl. No.	Conditions	Compliance Status
vi.	Secondary fugitive emissions shall be controlled and regularly monitored as per guidelines issued by the CPCB.	<p>Secondary fugitive emissions are being controlled and monitored as per the CPCB guidelines. Following are control fugitive control measures adopted.</p> <ul style="list-style-type: none"> • All transfer points and storage silos are provided with dust collection and extraction systems for effective control of fugitive emissions. • Closed Sheds are constructed for all the raw materials storage and handling. • Fly ash is being handled through pneumatic system. • Road sweeping machines are deployed and ensure good housekeeping for controlling secondary fugitive dust emissions. • Regular water spray is being carried out. • Fugitive emission monitoring data is being submitted to MOEFCC IRO at Hyderabad on half yearly basis. Fugitive Dust Monitoring data for the period October 2021 to March 2022 enclosed as Annexure – 5.
vii.	The company must harvest the rainwater from the rooftops and storm water drains to recharge the ground water and use the same water for the various activities of the project to conserve fresh water.	<ul style="list-style-type: none"> • Rain water is stored in mines abandoned reservoir and it is utilized for various activities in the plant thus reducing the consumption of fresh water. • Rooftop rain water harvesting system developed in the colony to harvest the rain water and also check dams have been constructed at different location to harvest the rain water to improve ground water.
viii.	The company shall undertake eco-development measures including community welfare measures in the project area.	<ul style="list-style-type: none"> • Various eco development and community welfare schemes are being adopted for the development of the surrounding village people & area under CSR. • Details of CSR activities carried out for the period October 2021 to March 2022 is attached as Annexure - 6.

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Sl. No.	Conditions	Compliance Status
ix.	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) 70 dBA (night time).	<ul style="list-style-type: none"> Overall noise levels in and around the plant area are maintained well below the prescribed standards by providing acoustic enclosures and hoods to various noise generating areas such as compressors, mills and fans. Ambient noise levels are being monitored and the noise levels are below 75 dB (A) day time and 70 dB(A) night time. Work zone and ambient noise levels are being monitored through third party on monthly basis. Data of the same for the period October 2021 to March 2022 is enclosed as Annexure - 7.
x.	All recommendations made in the 'Corporate Responsibility for Environment Protection (CREP) for cement plants shall be implemented.	Recommendations made in the CREP for cement plant are being implemented. Compliance report of CREP guidelines is enclosed as Annexure - 8 .
xi.	Proper housekeeping and adequate occupational health programmes shall be taken up.	<ul style="list-style-type: none"> Good Housekeeping is being maintained at all areas of the plant. Dust bins provided at all the areas for source segregation of waste. Adequate road sweeping machines are being used for cleaning of roads. Dedicated water tanker has been deployed for water sprinkling on road to control fugitive dust. Occupational Health Surveillance Programme is conducting on a regular basis & records maintained. The Programme includes lung function & sputum analysis test once in year.
xii.	A separate environmental management cell to carry out various management and monitoring functions shall be set up under the control of Senior Executive.	Environmental management cell is exists with qualified personnel to carryout various environmental management and monitoring activities under the control of senior executive.
xiii.	As proposed in EIA/EMP, Rs. 24.50 Crores and Rs.1.86 Crores earmarked towards the capital cost and recurring cost/annum for environmental pollution control measures shall be suitably used to implement the conditions stipulated by the Ministry of Environment and Forests as well as the State Government. The funds so provided shall not be diverted for any other purpose.	<ul style="list-style-type: none"> Funds earmarked (capital & revenue) for environmental protection measures are being utilized. Rs. 430.50 lakhs incurred towards revenue expenditure on Environmental Protection Measures for the period of October 2021 to March 2022.

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Sl. No.	Conditions	Compliance Status
xiv.	The Regional Office of this Ministry at Bangalore / CPCB / APPCB shall monitor the stipulated conditions. A six monthly compliance report and the monitored data along with statistical interpretation shall be submitted to them regularly.	Half yearly compliance report and the monitored data are being submitted to MOEFCC IRO at Hyderabad, CPCB RD at Bangalore & TSPCB RO at Nizamabad regularly. Latest half yearly compliance report for the period April 2021 to September 2021 was submitted on 29-11-2021.
xv.	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.	The project work was completed in the month of August 2010 and plant is under operation since from 2010. Details of the same are being submitted in EC compliance report.
xvi.	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 A.P. Pollution Control Board / Committee and may also be seen at Website of the Ministry of Environment and Forests at http://envfor.nic.in . This should be advertised within seven days from the date of issue of the clearance letter at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and a copy of the same shall be forwarded to the Regional office at Bangalore.	An advertisement has been published in following two local newspapers on 11.09.2007. <ol style="list-style-type: none"> 1. Deccan Chronical - English 2. Eenadu - Telugu Newspaper clippings enclosed as Annexure - 9 .

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Half Yearly Compliance Report for the period October 2021 to March 2022

Annexure - 1

Stack Emission Monitoring Data

(October 2021 to March 2022)

Sl. NO.	Stack attached to	Particulate Matter (Average), (mg/Nm ³)	
		Monitored Values	Limits
1	Kiln –I & Raw mill – I	23.2	30
2	Kiln-II & Raw mill – II	23.5	30
3	Kiln – III & Raw mill – III	21.7	30
4	Cooler –I	19.0	30
5	Cooler-II	18.3	30
6	Cooler – III	21.1	30
7	Coal Mill-I	16.7	30
8	Coal mill -1 VRM	18.3	30
9	Coal Mill-II	18.5	30
10	Coal Mill – III	19.6	30
11	Cement Mill-I	19.6	30
12	Cement Mill-II	23.2	30
13	CPP	36.8	50
14	Packer -1	23.9	30
15	Packer-2	22.5	30
16	Packer-3	22.1	30
17	Packer-4	24.2	30
18	Packer-5	24.8	30

Location	Sulphur dioxide (mg/Nm ³)		Oxides of Nitrogen (mg/Nm ³)	
	Monitored Values	Limits	Monitored Values	Limits
Kiln – I	4.2	100	420.2	1000
Kiln – II	5.4	100	470.7	800
Kiln – III	3.90	100	323.7	800
CPP	268.2	600	137.7	450

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Line-III RABH



Line-I ESP



Cement Mill-2 Bag House



Cooler-III ESP



Coal Mill -1 VRM Baghouse



CEMS analyzers at Stacks, Cooler, CPP & Kiln stacks



Gaseous CEMS KILN-1



PM CEMS KILN-1

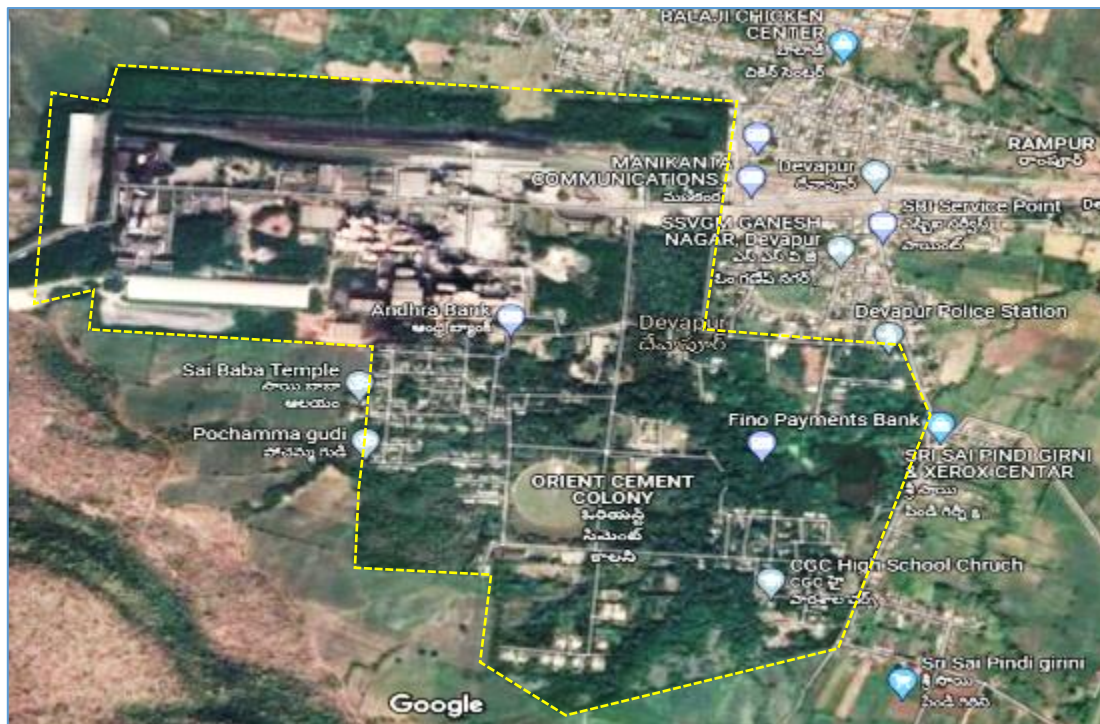
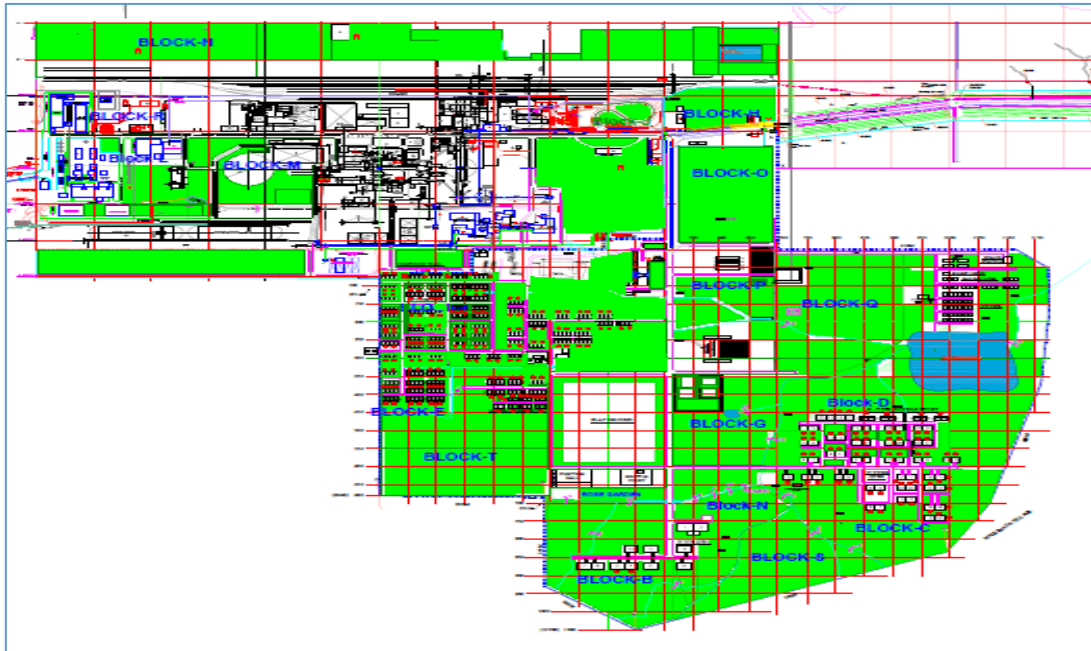
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Half Yearly Compliance Report for the period October 2021 to March 2022

Annexure – 2 Greenbelt Development Details



Plant Layout & Arial view showing greenery in the plant & colony

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Photographs showing plantation in the plant and colony

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Photographs showing plantation under Telangana Ku Haritha Haram (A state Govt. Initiative)

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Half Yearly Compliance Report for the period October 2021 to March 2022

Annexure – 3

Ambient Air Quality Monitoring Details

(October - 2021 to March - 2022)

Parameters	Near Time office			Near Mines office		
	Min	Max	Avg	Min	Max	Avg
PM10	52	68	60.2	64	73	68.3
PM2.5	19	25	22.5	24	28	26
SO ₂	7	12	9.2	8	13	10.8
NO ₂	16	24	19.5	20	24	22.5
Lead (Pb)	0.0	0.1	0.1	0.0	0.1	0.0
Carbon Monoxide mg/m3	BDL	BDL	BDL	BDL	BDL	BDL
Ammonia (NH ₃)	BDL	BDL	BDL	BDL	BDL	BDL
Ozone (O ₃)	4	10	6.2	3	7	5
Benzene (C ₆ H ₆)	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Arsenic (As) ng/m3	ND	ND	ND	ND	ND	ND
Nickle (Ni) ng/m3	ND	ND	ND	ND	ND	ND
Benzo Pyrene (Bap) ng/m3	ND	ND	ND	ND	ND	ND

Parameters	NORTH, Stores			SOUTH, Guest House		
	Min	Max	Avg.	Max	Min	Avg.
PM10	67	76	70.3	50	60	55
PM2.5	25	31	27.2	19	23	21
SO ₂	9	14	11.5	6	9	7.2
NO ₂	20	26	23.2	15	18	16.3
Lead (Pb)	0.1	0.1	0.1	0.0	0.1	0.0
Carbon Monoxide mg/m3	BDL	BDL	BDL	BDL	BDL	BDL
Ammonia (NH ₃)	BDL	BDL	BDL	BDL	BDL	BDL
Ozone (O ₃)	5	10	7	2	3	2.5
Benzene (C ₆ H ₆)	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Arsenic (As) ng/m3	ND	ND	ND	ND	ND	ND
Nickle (Ni) ng/m3	ND	ND	ND	ND	ND	ND
Benzo Pyrene (Bap) ng/m3	ND	ND	ND	ND	ND	ND

Note:

All the values are expressed in $\mu\text{g}/\text{m}^3$ except mentioned.

BDL – Below Detectable Limits

ND – Non Detectable

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Annexure – 4

Fugitive Emission Control Measures



Dedicated Water Spraying Tanker



Mechanical Water Sprinklers



Internal CC Roads & Floorings



Water Spraying on internal roads



Road Sweeping Machine



Pneumatic handling of Flyash

Orient Cement Limited

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Coal Storage Shed



Limestone Storage Shed



Laterite Storage Shed



Gypsum Storage Shed



Clinker Silo



Flyash Silo

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Closed Conveying System



Closed Conveying System



Bag filters at various material transfer points & silo top

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Annexure – 5

Fugitive Emission Monitoring Data

(October - 2021 to March - 2022)

Sl. No.	Location	SPM µg/m ³
1	Fly Ash Unloading Area	1582.0
2	Gypsum Yard	1716.5
3	Coal Yard-1 & 3	1861.7
4	Coal Yard-2	1741.3
5	Laterite-1 & 2	1527.5
6	Laterite-3	1544.3
7	Coal Yard- CPP	1790.3
8	Truck Loading Area	1489.8
9	Cement Mill 1 & 2 Area	1666.7

Orient Cement Limited

Devapur Village, Kasipet Mandal, Mancherial District, Telangana – 504218

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Annexure – 6

Details on CSR activities carried out for the period October - 2021 to March - 2022

Sl. No.	Activity	Rs. in Lakhs
1	School Running Expenses at Devapur	101.01
2	Medical Expenses at Dispensary	21.39
3	Vanavasi Kalyani Parishad, Mid-day meals.	0.72
4	Maintenance charges of Sulabh Complex	1.19
5	Distribution Mass meals arranged for adivasi community	1.78
6	Wall & Statue Painting work at Devapur village	0.28
7	Repair & Painting work at Dhyankendra - Devapur	0.09
8	Hiring Charges of Ambulance for Villagers	2.78
9	Police Blood Camp At Mandamarri	4.41
10	CSR Expenses incurred for Swatchata Pakwada	0.24
11	Maintenance Work Nearby Villages	2.90
Total		136.78



Waste Water Drainage Pipe Line - Devapur Village



ORIENT

CEMENT

ORIENT CEMENT LIMITED

UNIT VII, PLOT NO 7, BHONAGAR, BHUBANESHWAR, ORISSA, INDIA - 751012.

CK BIRLA GROUP

BANK PAYMENT ADVICE

REF : ORIENT / ACC /

Date : 09.10.2020

To

VANAVASI KALYAN PARISHAD

FLAT NO-115 B-BLOCK,

SRIRAMPADA RESIDENCY,

HYDERABAD, HYDERABAD, Telangana

500044-INDIA

Mobile / Tel No. : 040-27091299

PAYMENT DOC. NO. : 5000010364

PAYMENT DOC. DT. : 10.08.2020

VENDOR NO. : 3003360

We have released following payment vide UTR NO. N223201211358050 DT. 10.08.2020 AMOUNTED TO RS. 12,000.00 from

S NO	BILL NO	BILL DT	PARTICULARS	REF DOC NO	AMT	TDS AMT
01	AUG-2020	04.08.2020	VANAVASI KALYANA PARISHAD - AUG 2020	3800041992	12,000.00	0.00
					12,000.00	0.00
TOTAL AMOUNT :		12,000.00				
LESS: ADVANCE :		0.00				
LESS: TDS :		0.00				
OTHER ADJ :		0.00				
NET AMOUNT :		12,000.00				

Rs. 12,000/- per month towards Mid-day meals



Carmel Gori Convent School Running



Providing medical facilities

Orient Cement Limited

Devapur Village, Kasipet Mandal, Mancherla District, Telangana – 504218

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Annexure – 7 Noise Levels Monitoring Data

Ambient Noise Levels October - 2021 to March - 2022

Location	Noise Levels in Leq dB(A)			
	Day Time		Night Time	
	Monitored Value	Limits	Monitored Value	Limits
East Side Boundary	64.8	70	59.7	75
West Side Boundary	62.8		57.5	
North Side Boundary	63.8		59.0	
South Side Boundary	63.6		58.4	

Work Place Noise Levels October - 2021 to March - 2022

Location	Monitored Values Noise Levels dB(A)	Limits, dB(A)
Kiln- 1 & 2	71.3	85
Raw Mill-1 & 2	69.7	
Compressors	79.4	
Cement Mill-1 & 2	78.0	
Crusher	77.0	
Kiln-3	81.1	
CPP	83.4	
Raw Mill-3	72.0	
Packing Plant	76.3	

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Annexure – 8

Compliance Status of CREP Recommendations

Sl. No	Condition	Compliance Status
1	Cement Plants, which are not complying with notified standards, shall do the following to meet the standards; Augmentation of existing Air Pollution Control Devices - by July 2003 Replacement of existing Air Pollution Control Devices - by July 2004	Complying with the new emission standards for PM, SO ₂ & NO _x notified by MOEF&CC as per G.S.R 612 (E) dated 25.08.2014 and amendment thereof.
2	Cement Plants located in critically polluted or urban areas (including 5 km distance outside urban boundary) will meet 100 mg/ Nm ³ limit or particulate matter by December 2004 and continue working to reduce the emission of particulate matter to 50 mg/Nm ³ .	Not applicable – Our cement plant is not located in critically polluted or urban areas.
3	The new cement kilns to be accorded NOC/Environmental Clearance w.e.f 01.04.2003 will meet the limit of 50 mg/Nm ³ for particulate matter emissions.	Kiln emissions are control through ESP's and high efficient RABH to meet the standard of PM < 30 mg/Nm ³ .
4	CPCB will evolve load based standards by December 2003.	--
5	CPCB and NCBM will evolve SO ₂ and NO _x emission standards by June 2004.	Complying with the new emission standards for SO ₂ & NO _x notified by MOEF&CC as per G.S.R 612 (E) dated 25.08.2014
6	The Cement industries will control fugitive emissions from all the raw material and products storage and transfer points by December 2003. However, the feasibility for the control of fugitive emissions from limestone and coal storage areas will be decided by the National Task Force (NTF). The NTF shall submit its recommendations within three months.	CPCB Environmental Guidelines for Prevention and Control of Fugitive Emissions from Cement Plants are being followed <ul style="list-style-type: none"> • All transfer points and storage silos are provided with dust collection and extraction systems for effective control of fugitive emissions. • The dust collected from the pollution control equipment is being recycled back into the process. • Sheds constructed for all raw materials. • All raw material transfer conveyor are covered with GI sheet. • Truck mounted Vacuum Cleaner and Road sweeping machines are being deployed and good housekeeping is being maintained for controlling secondary fugitive dust emissions.
7	CPCB, NCBM, BIS and Oil refineries will jointly prepare the policy on use of petroleum cokes as fuel in cement kiln by July 2003.	-----

Orient Cement Limited

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Sl. No	Condition	Compliance Status
8	After performance evaluation of various types of continuous monitoring equipment and feedback from the industries and equipment manufacturers, NTF will decide feasible unit operations/ sections for installation of continuous monitoring equipment. The industry will install the continuous monitoring systems (CMS) by December 2003	Continuous online emission monitoring system (CEMS) is available for 13 major stacks. Online data is connected to CPCB as well as TSPCB servers. Line-1: Kiln & Raw Mill Circuit : ESP Line-2: Kiln & Raw Mill Circuit : ESP Line-3: Kiln & Raw Mill Circuit : RABH Clinker Coolers for all 3 lines: ESPs Coal Mills for all 3 lines : Bag Filters Cement Mills – 2 Nos : Bag Filters Captive Power Plant : ESP
9	Tripping in kiln ESP to be minimized by July 2003 as per the recommendations of NTF.	Complied.
10	Industries will submit the target date to enhance the utilization of waste material by April, 2003.	Waste materials like Fly ash and Gypsum are being utilized in the process of Cement manufacturing. Hazardous Waste Materials are being fired as Alternative fuels to conserve fossil fuels.
11	NCCBM will carry out a study on hazardous waste utilization in cement kiln by December 2003.	Studies were conducted by NCCBM for usage of Hazardous Wastes in various cement industries and the same is being followed.
12	Cement industries will carry out feasibility study and submit target dates to CPCB for co-generation of power by July 2003.	Will be complied. Obtained Consent for Establishment for Waste Heat Recovery Boiler Power Plant (Co-Generation) from waste heat gases from Cement Plant.

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Annexure – 9

News Paper Clippings of accord of Environmental Clearance

ORIENT CEMENT
(Prop. Orient Paper & Industries Ltd.,)
Devapur Cement Works
Adilabad Dist.,
A.P. 504218

This is to inform that proposal for Expansion of Cement Plant to 10,600 TPD Clinker, 8900 TPD Cement and 50 MW Captive Power Plant has been accorded Environmental Clearance by the Ministry of Environment & Forests. The copies of the clearance letter are available with A.P. Pollution Control Board and may also seen at Website <http://envfor.nic.in>.

11.09.07 Sd/-
President

Deccan Chronical - English

ఓరియంట్ సిమెంట్
ప్రాప్తయిటర్: ఓరియంట్ పేపర్ మరియు ఇండస్ట్రీస్ లిమిటెడ్
దేవాపూర్ సిమెంట్ వర్క్
ఆదిలాబాద్ జిల్లా, ఆంధ్రప్రదేశ్-504218

ఇందుమూలముగా తెలియజేయునది ఏమనగా ప్రతిపాదిత సిమెంట్ ప్లాంట్ విస్తరణ 10,600 TPD క్లింకర్ కొరకు, 8900 TPD సిమెంట్ మరియు 50MW క్యాప్టివ్ పవర్ ప్లాంట్ కొరకు పర్యావరణ మరియు అడవుల మంత్రిత్వశాఖ వారి అనుమతి లభించినది. వీటికి సంబంధించిన అనుమతి పత్రములు ఆంధ్రప్రదేశ్ కాలుష్య నియంత్రణ మండలివారి వద్ద మరియు <http://envfor.nic.in> అను వెబ్ సైట్ నందు చూడవచ్చును.

11.09.07 అధ్యక్షులు

Eenadu - Telugu
