

REGISTERED POST

ORCEM/DVP/ENV/ 181

18<sup>th</sup> July, 2022

To,  
Member Secretary,  
Telangana State Pollution Control Board,  
Paryavaran Bhavan, A-3, Industrial Estate, Sanathnagar,  
Hyderabad – 500018, Telangana.

Sub: Submission of FORM-V (Environmental Statement) under Rule No. 14 of Environment (Protection) Rules, 1986 and amendments thereof for the period of FY2021-22 for our Cement Plant & Captive Power Plant - Reg.

Ref: 1. CFO & HWA Order No. TSPCB/CFO/NZB/HO/2017-830, Date 01-06-2017.  
2. CFO & HWA Order No. 220823604135, Date 13.06.2022.


Dear Sir,

We are herewith submitting FORM-V (Environmental Statement) under Rule No. 14 of Environment (Protection) Rules, 1986 and amendments thereof for the period of FY2021-22 for our Cement Plant & Captive Power Plant located at Devapur (V), Kasipet (M), Mancherial District, Telangana.

This is for your kind information and record please.

Thanking you,

Yours faithfully  
For Orient Cement Limited

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



Encl: A/a

CC: Environmental Engineer,  
Telangana State Pollution Control Board,  
Regional Office,  
H. No. 6-2-166/A, 1<sup>st</sup> 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](http://www.orientcement.com)

CIN No : L26940OR2011PLC013933

# **FORM-V** **(Environmental Statement)**

**FY2021-22**

**Orient Cement Limited**

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

**FORM-V**

*See Rule-14*

**Environmental Statement for the financial year ending with 31<sup>st</sup> March 2022**

**PART – A**

1. Name and address of the owner/ occupier of the industry operation or process.	:	Mr. Y Padamveer Assistant Vice President (Operations) & Factory Manager Orient Cement Limited Devapur Village, Kasipet Mandal, Mancherla District, Telangana – 504218
2. Industry category	:	Primary STC Code: NA Secondary STC Code: NA
3. Production capacity	:	1. Clinker – 3.5 MTPA 2. Cement – 3.07 MTPA 3. Electricity – 2X25 MW Captive Power Plant
4. Year of establishment	:	1982
5. Date of the last environmental statement submitted	:	03 <sup>rd</sup> July, 2021

**PART – B**  
**WATER AND RAW MATERIAL CONSUMPTION**

<b>1. Water Consumption (m<sup>3</sup>/day)</b>		
i.	Process & Washings	: 1271
ii.	Boiler Feed/ Boiler (Makeup)/ Cooling (Makeup)/ Humidification/ Water Spraying	: 340
iii.	Domestic	: 395

Name of Products	Process Water Consumption per unit of product output	
	During the previous financial Year 2020-21	During the current financial Year 2021-22
i. Clinker	0.225 m <sup>3</sup> /MT	0.172 m <sup>3</sup> /MT
ii. Cement	0.236 m <sup>3</sup> /MT	0.196 m <sup>3</sup> /MT
iii. Electricity (2 X 25 CPP)	0.616 m <sup>3</sup> /MW	0.521 m <sup>3</sup> /MW

**FORM-V**
*See Rule-14*
**Environmental Statement for the financial year ending with 31<sup>st</sup> March 2022**

2. Raw Material Consumption - MT/MT of Product				
*Name of raw materials		Name of products	Consumption of raw material per unit of output	
			During the previous financial Year 2020-21	During the current financial Year 2021-22
i.	Limestone	Clinker	1.410	1.409
ii.	Laterite	Clinker	0.078	0.082
iii.	Coal	Clinker	0.108	0.109
iv.	Petcoke	Clinker	0.019	0.019
v.	Gypsum	Cement	0.029	0.027
vi.	Flyash	Cement	0.224	0.219
vii.	Coal	Electricity	0.904 MT/MW	0.865 MT/MW
*Industry may use codes if disclosing details of raw material would violate contractual obligations, otherwise all industries have to name the raw materials used.				

**PART - C**  
**POLLUTION DISCHARGED TO ENVIRONMENT/UNIT OF PRODUCT**  
(Parameters as specified in the consent issued)

<b>Pollutants</b>	<b>Quantity of Pollutants Discharged (Kg/day)</b>	<b>Concentrations of Pollutants in Discharges (mg/L)</b>	<b>Percentage of variation from prescribed standards with reasons</b>
<b>A. Water</b>			
Effluent Water: There is no effluent generation from Cement Manufacturing Process			
Domestic Sewage Treated Water: Details are mentioned as under			
i. pH	-NA-	7.7	Within the Limits
ii. Total Suspended Solids (TSS)	5.6	40.4	-59.6 %
iii. Total Dissolved Solids (TDS)	123.5	884.0	-57.9 %
iv. Oil & Grease	0.06	0.4	-95.8 %
v. Bio Chemical Oxygen Demand (BOD)	1.3	9.0	-70.0 %
vi. Chemical Oxygen Demand (COD)	11.4	81.8	-67.3 %

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Pollutants		Quantity of Pollutants Discharged (Kg/day)	Concentrations of Pollutants in Discharges (mg/Nm <sup>3</sup> )	Percentage of variation from prescribed standards with reasons
<b>B. Air</b>				
i.	Kiln-1 PM	190.8	24.3	-19.1
ii.	Kiln-2 PM	155.1	23.9	-20.3
iii.	Kiln-3 PM	234.0	23.1	-23.0
iv.	Cooler-1 PM	56.4	19.7	-34.4
v.	Cooler-2 PM	91.0	17.0	-43.4
vi.	Cooler-3 PM	71.7	21.9	-27.1
vii.	Coal Mill-1 PM	9.2	19.6	-34.7
viii.	Coal Mill-1 VRM PM	11.4	19.6	-34.6
ix.	Coal Mill-2 PM	14.0	19.5	-34.9
x.	Coal Mill-3 PM	40.5	20.7	-30.9
xi.	Cement Mill-1 PM	13.6	23.1	-23.1
xii.	Cement Mill-2 PM	34.2	24.3	-19.1
xiii.	Kiln-1 SO <sub>2</sub>	89.8	11.4	-88.6
xiv.	Kiln-2 SO <sub>2</sub>	83.1	12.8	-87.2
xv.	Kiln-3 SO <sub>2</sub>	61.4	6.1	-93.9
xvi.	Kiln-1 NO <sub>x</sub>	3030.9	385.6	-61.4
xvii.	Kiln-2 NO <sub>x</sub>	2048.9	316.0	-60.5
xviii.	Kiln-3 NO <sub>x</sub>	3361.3	331.7	-58.5
xix.	CPP PM	316.6	38.1	-23.8
xx.	CPP SO <sub>2</sub>	2376.8	286.0	-52.3
xxi.	CPP NO <sub>x</sub>	999.0	120.2	-59.9

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**Environmental Statement for the financial year ending with 31<sup>st</sup> March 2022**
**PART - D  
HAZARDOUS WASTE**

As specified under  
Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016

Hazardous Waste	Total Quantity, MT	
	During the previous financial Year 2020-21	During the current financial Year 2021-22
<b>A. From Process</b>		
i. Used Oil (5.1)	14.93	25.64
ii. Waste Oil / Furnace Oil Sludge (5.2)	4.03	14.54
iii. Oil Soaked Cotton (5.2)	5.03	4.14
<b>B. From Pollution Control Facilities</b>	Nil	Nil

**PART - E  
SOLID WASTES**

Solid Waste	Total Quantity, MT	
	During the previous financial Year 2020-21	During the current financial Year 2021-22
<b>A. From Process</b>	Nil	Nil
<b>B. From Pollution Control Facilities</b>		
i. PCEs Dust	100% Recycled in to process	100% Recycled in to process
ii. Flyash (CPP)	73865	89571
<b>C.</b>		
i. Quantity recycled or re-utilized within the unit	NA	NA
ii. Sold	NA	NA
iii. Disposed	NA	NA

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**Environmental Statement for the financial year ending with 31<sup>st</sup> March 2022**
**PART – F**

**Please specify the characterizations (in terms of composition of quantum) of hazardous as well as solid wastes and indicate disposal practice adopted for both these categories of wastes.**

Sl. No	Type of Wastes Generated / Handling	Nature of Waste	Disposal Pathway
1	Used Oil (5.1 of Schedule-I)	Hazardous	Authorized Re-processors / Recyclers / Internal consumption for lubrication purpose.
2	Waste Oil / Furnace Oil Sludge (5.2 of Schedule-I)	Hazardous	Authorized Re-processors / Recyclers / Internal consumption for lubrication purpose.
3	Oil Soaked Cotton (5.2 of Schedule-I)	Hazardous	Co-Processing in the Cement Kiln
4	Lead Acid Batteries	Batteries	Authorized recycler & Buyback to vendors
5	E-Waste	E-Waste	Disposed to Authorized Recycler
6	ESP & Bag House Dust	Solid	Recycle back in to the process
7	Flyash from CPP	Solid	Using in manufacturing of PPC grade cement
8	Bio Medical Waste from OHC	Bio-Medical	Authorized Incinerators/ CBWTF
9	Liquid Waste - Effluent	Effluent	Treating & using for ash quenching/ dust suppression
10	Liquid Waste - Sewage	Sewage	Treating in STP & using for greenbelt
11	Alternative Fuels	Hazardous	Co-Processing in Cement Kilns
12	Bursting PP/HDPE Bags	Plastic	Co-Processing in Cement Kilns

Sl. No	Type of Wastes Generated / Handling	Nature of Waste	Disposed Quantity, FY2021-22
1	Used Oil (5.1 of Schedule-I)	Hazardous	25.64 MT
2	Waste Oil / Furnace Oil Sludge (5.2 of Schedule-I)	Hazardous	14.54 MT
3	Oil Soaked Cotton (5.2 of Schedule-I)	Hazardous	4.14 MT
4	Lead Acid Batteries	Batteries	0.16 MT
5	E-Waste	E-Waste	1.09 MT
6	ESP & Bag House Dust	Solid	100% Recycled
7	Flyash from CPP	Solid	89571 MT
8	Bio Medical Waste from OHC	Bio-Medical	20.28 Kgs
9	Liquid Waste - Effluent	Effluent	24829 KL
10	Liquid Waste - Sewage	Sewage	50976 KL
11	Alternative Fuels	Hazardous	5896.28 MT
12	Bursting PP/HDPE Bags	Plastic	13 MT



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**PART – G**
**Impact of the pollution abatement measures taken on conservation of natural resources and on the cost of production.**

- We have been consistently using low grade limestone from mine in cement manufacturing process and thereby conserving the mineral and increasing the mine life.
- We have been treating effluent from CPP & Domestic sewage from residential colony to confirming the prescribing standards and then using to greenbelt development, dust suppression and ash quenching. Thus, the same amount of fresh is being conserved.
- Air Pollution Control Equipment such as Baghouse, RABH, ESPs and Jet Pulse Filters are designed to control the particulate matter emissions below 30 mg/Nm<sup>3</sup> from any of the stationery sources form Cement Plant & CPP. All these APCEs are very effective in arresting and putting back the recovered material (Dust) into the production line thus preventing the raw material, fuel, intermediate & finished products from getting lost in the atmosphere.
- We have been undertaken various energy efficiency improvement measures & process optimization which helped to significantly reduce the overall energy consumption to reduce carbon footprints. Thus, the pollution abatement & other energy conservation practices adopted by us save precious raw material/ fresh water and help in conserving natural resources.
- Further, we are using hazardous & nonhazardous Alternative Fuels & Raw Materials (AFR) from various other industries/ industrial sectors in cement manufacturing process to conserve the naturally sources coal and other raw materials. AFR usage details are given as under.

Sl. No	Description of AFR	Quantity in MT, FY2021-22
1	Agro Waste (Rice Husk)	44083
2	Agro Waste (Coconut Fibre)	147
3	Carbon Black	12156
4	Hazardous Waste	3269
5	Hazardous Waste Liquid	2627
6	Black Fines	1082
7	Plastic Waste (Incl. Internal)	620
<b>Total</b>		<b>63984</b>



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**PART – H**
**Additional measures/ investment proposal for environmental protection including abatement of pollution, prevention of pollution.**

- Greenbelt development is being carried out in phased manner with local and native plant species. As on date 57% of the total area developed with green cover.
- Fugitive dust emission control measures are in place such as deployment of road sweeping machines, closed material conveying system, raw material and finished products are stored in closed sheds and silos, all the material transfer points & silo tops are provided with bag filter, pneumatic handling of flyash and water spraying on the material yards and roads.
- Adequate funds are earmarked for environmental management activities. Capital and recurring expenditure incurred for the same for the period FY2021-22 is tabulated as under.

Sl. No	Nature of Revenue/ Recurring Expenditure	Amount incurred in Lakh Rs.
1	Operation & Maintenance of PCEs	76.93
2	Electrical Power Cost of PCEs	591.37
3	Environmental Monitoring Charges	8.24
4	Operation & Maintenance of STP	8.03
5	Operation & Maintenance of CAAQM & CEMS	14.42
6	Operation Cost of Road Sweeping Machines	21.91
7	Bio Medical Waste Disposal Charges	0.53
8	Environmental Awareness & Trainings	0.52
<b>Total</b>		<b>721.9</b>

Sl. No	Nature of Capex/ Capital Expenditure	Amount incurred in Lakh Rs.
1	Installation of Liquid AFR System at Kiln-3	91.2
2	Bag Filters for Cement Mill Upgradation Project	81.9
3	Additional Bag Filter at Cement Silo-1 top	15.4
4	RCC Retaining Wall for Gypsum Storage Shed	12.7
5	Carbon Black feeding System upgradation	31.5
<b>Total</b>		<b>232.7</b>

**FORM-V***See Rule-14***Environmental Statement for the financial year ending with 31<sup>st</sup> March 2022****Additional Measures Proposed for Environmental Protection**

- Increase in usage of Alternative Fuels and Raw Material (AFR).
- Increase in manufacturing of PPC grade cement.
- Consistent usage of low grade limestone in cement manufacturing process.
- Installation of Air Pollution Control Device at Packing Plant to improve work zone environment quality at Packing Plant.
- Installation of Digital Ground Water Level Monitor (Piezometer) in the Cement Plant/Colony.
- Conducting various awareness campaigns on Environmental & Sustainability aspects.

**PART – I****Any other particulars for improving the quality of the environment.**

- We have full-fledged Environmental Section to deal with monitoring & measurement of environmental parameters, compliance tracking, Green Belt development, operation and maintenance of CAAQMS & CEMS and STP Operations.
- We are having NABL accredited laboratory for quality parameters analysis.
- All the Air Pollution Control Equipment (APCE) are effectively operated and maintained for controlling the emissions below the prescribed standards.
- Installation of new APCEs wherever required for controlling of dust emissions.
- Covered sheds and silos have been constructed for raw material & finished products storage handling to control fugitive emissions.
- Practicing Zero Liquid Discharge (ZLD) from our premises.
- Adopted Integrated Management System, which include ISO 14001:2015 Environment Management Systems, ISO 9001:2015 Quality Management System and ISO 45001:2018 Occupational Health and Safety Management System & ISO 50001:2018 for Energy Management System.
- Strengthening of existing greenbelt by increase in density and plantation of saplings under Telangana Ku Haritha Haram program which is a State Govt. initiative.
- Organizing various environmental awareness activities.

**FORM-V**
*See Rule-14*
**Environmental Statement for the financial year ending with 31<sup>st</sup> March 2022**
[Annexure-1](#)
**Products & Raw Materials**

<b>1. Products Manufactured</b>	
<b>Description of Product</b>	<b>Production Quantity in MT</b>
Clinker	2444099
Cement (OPC +PPC)	2138668
Electricity Generation from CPP	214818 MW
<b>2. Raw Material Consumption</b>	
<b>Description of Raw Material</b>	<b>Quantity Consumption in MT</b>
Limestone	3442905
Laterite – I	115770
Laterite – II	5365
Laterite – III	79251
Gypsum	57276
Flyash	467503
<b>Fuels</b>	
Coal	268254
Coal (CPP)	185850
Petcoke	46745
Low Grade Super Poly Diesel	14
<b>Consumable Materials</b>	
Packing Bags (PP/HDPE)	30936459 No's
Lubrication Oils	53859 Ltrs
Grease	22497 Kgs
Refractory Bricks	129089 No's
HSD	2210077 Ltrs
<b>Power Consumption</b>	
Electricity Consumption (from CPP & Grid)	191751.77 MW

**FORM-V**
*See Rule-14*
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[Annexure-2](#)
**Water Consumption & Waste Water Generation Details**

<b>1. Water Consumption, m<sup>3</sup></b>					
<b>Month</b>	<b>Cement Plant</b>			<b>CPP</b>	<b>Domestic</b>
	<b>JackWell-1</b>	<b>JackWell-2</b>	<b>Mine Pit</b>	<b>Mine Pit</b>	<b>Ground Water</b>
April'21	8520	11430	24595	12465	10320
May'21	8300	3150	27201	10919	10690
Jun'21	8510	1300	27371	11269	10640
Jul'21	10250	0	26271	8159	25140
Aug'21	9910	0	27762	10648	10930
Sep'21	11050	0	12754	7996	10790
Oct'21	11160	0	21104	10856	12150
Nov'21	9920	0	14227	8653	10520
Dec'21	10350	0	22533	8207	11180
Jan'22	8200	10	26637	7813	11090
Feb'22	6580	0	26592	6388	10200
Mar'22	8810	0	35073	8717	10640
<b>Total</b>	<b>111560</b>	<b>15890</b>	<b>292120</b>	<b>112090</b>	<b>144290</b>

<b>2. Waste Water Generation, m<sup>3</sup></b>		
<b>Month</b>	<b>Effluent from CPP</b>	<b>Domestic Sewage</b>
April'21	2315	4288
May'21	2380	4240
Jun'21	2577	3854
Jul'21	1581	3858
Aug'21	2282	3994
Sep'21	1970	3979
Oct'21	2657	4271
Nov'21	2113	4354
Dec'21	2144	4315
Jan'22	1976	4236
Feb'22	1578	4481
Mar'22	1256	5106
<b>Total</b>	<b>24829</b>	<b>50976</b>

**FORM-V**
*See Rule-14*
**Environmental Statement for the financial year ending with 31<sup>st</sup> March 2022**
**Annexure-3**
**Ambient Air Quality Monitoring Data**
**April'21 to September'21**

Parameters	Limits	Near Time office	Near Mines office	NORTH, Stores	SOUTH, Guesthouse
PM10	100	67.0	72.7	63.0	80.0
PM2.5	60	24.2	27.5	22.0	33.0
SO <sub>2</sub>	80	10.5	10.2	6.0	12.0
NO <sub>2</sub>	80	20.8	21.5	16.0	24.0
Lead (Pb)	1.0	0.1	0.1	0.0	0.1
Carbon Monoxide mg/m <sup>3</sup>	02	BDL	BDL	BDL	BDL
Ammonia (NH <sub>3</sub> )	400	BDL	BDL	BDL	BDL
Ozone (O <sub>3</sub> )	100	5.3	5.2	4.0	10.0
Benzene (C <sub>6</sub> H <sub>6</sub> )	05	<0.02	<0.02	<0.02	<0.02
Arsenic (As) ng/m <sup>3</sup>	06	ND	ND	ND	ND
Nickle (Ni) ng/m <sup>3</sup>	20	ND	ND	ND	ND
Benzo Pyrene (Bap) ng/m <sup>3</sup>	01	ND	ND	ND	ND

**October'21 to March'22**

Parameters	Limits	Near Time office	Near Mines office	NORTH, Stores	SOUTH, Guesthouse
PM10	100	60.2	68.3	70.3	55
PM2.5	60	22.5	26	27.2	21
SO <sub>2</sub>	80	9.2	10.8	11.5	7.2
NO <sub>2</sub>	80	19.5	22.5	23.2	16.3
Lead (Pb)	1.0	0.1	0.0	0.1	0.0
Carbon Monoxide mg/m <sup>3</sup>	02	BDL	BDL	BDL	BDL
Ammonia (NH <sub>3</sub> )	400	BDL	BDL	BDL	BDL
Ozone (O <sub>3</sub> )	100	6.2	5	7	2.5
Benzene (C <sub>6</sub> H <sub>6</sub> )	05	<0.02	<0.02	<0.02	<0.02
Arsenic (As) ng/m <sup>3</sup>	06	ND	ND	ND	ND
Nickle (Ni) ng/m <sup>3</sup>	20	ND	ND	ND	ND
Benzo Pyrene (Bap) ng/m <sup>3</sup>	01	ND	ND	ND	ND

*All the values are expressed in µg/m<sup>3</sup> except mentioned.*

*BDL – Below Detectable Limits*

*ND – Non Detectable*

**FORM-V**
*See Rule-14*
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**Annexure-4**
**Stack Emission Monitoring Data**

Stack Attached to	Limits	PM Emissions April'21 to September'21	PM Emissions October'21 to March'22
Kiln –I & Raw mill – I	30	25.3	23.2
Kiln-II & Raw mill – II	30	25.3	23.5
Kiln – III & Raw mill – III	30	24.5	21.7
Cooler –I	30	20.7	19.0
Cooler-II	30	12.9	18.3
Cooler – III	30	22.6	21.1
Coal Mill-I	30	22.3	16.7
Coal mill -1 VRM	30	20.9	18.3
Coal Mill-II	30	22.6	18.5
Coal Mill – III	30	21.9	19.6
Cement Mill-I	30	25.0	19.6
Cement Mill-II	30	25.3	23.2
CPP	50	39.4	36.8
Packer -1	30	24.7	23.9
Packer-2	30	25.8	22.5
Packer-3	30	25.4	22.1
Packer-4	30	25.6	24.2
Packer-5	30	26.4	24.8

*All the values are expressed in mg/Nm<sup>3</sup>.*

Stack Attached to	Limits	NOx Emissions April'21 to September'21	NOx Emissions October'21 to March'22
Kiln – I	1000	349.1	420.2
Kiln – II	800	249.2	470.7
Kiln – III	800	339.7	323.7
CPP	300	102.6	137.7

*All the values are expressed in mg/Nm<sup>3</sup>.*

Stack Attached to	Limits	SO <sub>2</sub> Emissions April'21 to September'21	SO <sub>2</sub> Emissions October'21 to March'22
Kiln – I	100	20.8	4.2
Kiln – II	100	21.2	5.4
Kiln – III	100	8.2	3.90
CPP	600	303.8	268.2

*All the values are expressed in mg/Nm<sup>3</sup>.*

**FORM-V**

*See Rule-14*

**Environmental Statement for the financial year ending with 31<sup>st</sup> March 2022**

[Annexure-5](#)

**Effluent & Sewage Quality Monitoring**

Treated Effluent Parameters	UoM	Limits	Average Measured Concentration
PH	--	6.5-8.5	7.6
Total dissolved solids	mg/l	2100	1697.6
Total Suspended solids	mg/l	100	73.7
Chemical oxygen demand	mg/l	250	151.2
Biochemical oxygen demand (3 Days at 27°C)	mg/l	100	19.8
Oil & Grease	mg/l	10	<1

Treated Sewage Parameter	UoM	Limits	Average Measured Concentration
PH	--	6.5-9.0	7.7
Total dissolved solids	mg/l	2100	884.0
Total Suspended solids	mg/l	100	40.4
Chemical oxygen demand	mg/l	250	81.8
Biochemical oxygen demand	mg/l	30	9.0
Oil & Grease	mg/l	10	0.4
Fecal coliform per 100 ml	--	Nil	Nil



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*See Rule-14*
**Environmental Statement for the financial year ending with 31<sup>st</sup> March 2022**
[Annexure-6](#)
**Ambient & Workplace Noise Monitoring Data**

Ambient Monitored Location	Noise Levels in Leq dB(A)			
	Day Time		Night Time	
	Monitored Value	Limits	Monitored Value	Limits
East Side Boundary	64.8	75	59.4	70
West Side Boundary	64.0	75	59.0	70
North Side Boundary	64.5	75	59.6	70
South Side Boundary	65.0	75	60.0	70

Work zone Location	Limits	Noise Levels in Leq dB(A)	
		April'21 to September'21	October'21 to March'22
Kiln- 1 & 2	85	76.4	71.3
Raw Mill-1 & 2	85	73.3	69.7
Compressors	85	83.5	79.4
Cement Mill-1 & 2	85	81.0	78.0
Crusher	85	78.5	77.0
Kiln-3	85	83.1	81.1
CPP	85	81.8	83.4
Raw Mill-3	85	71.8	72.0
Packing Plant	85	78.0	76.3

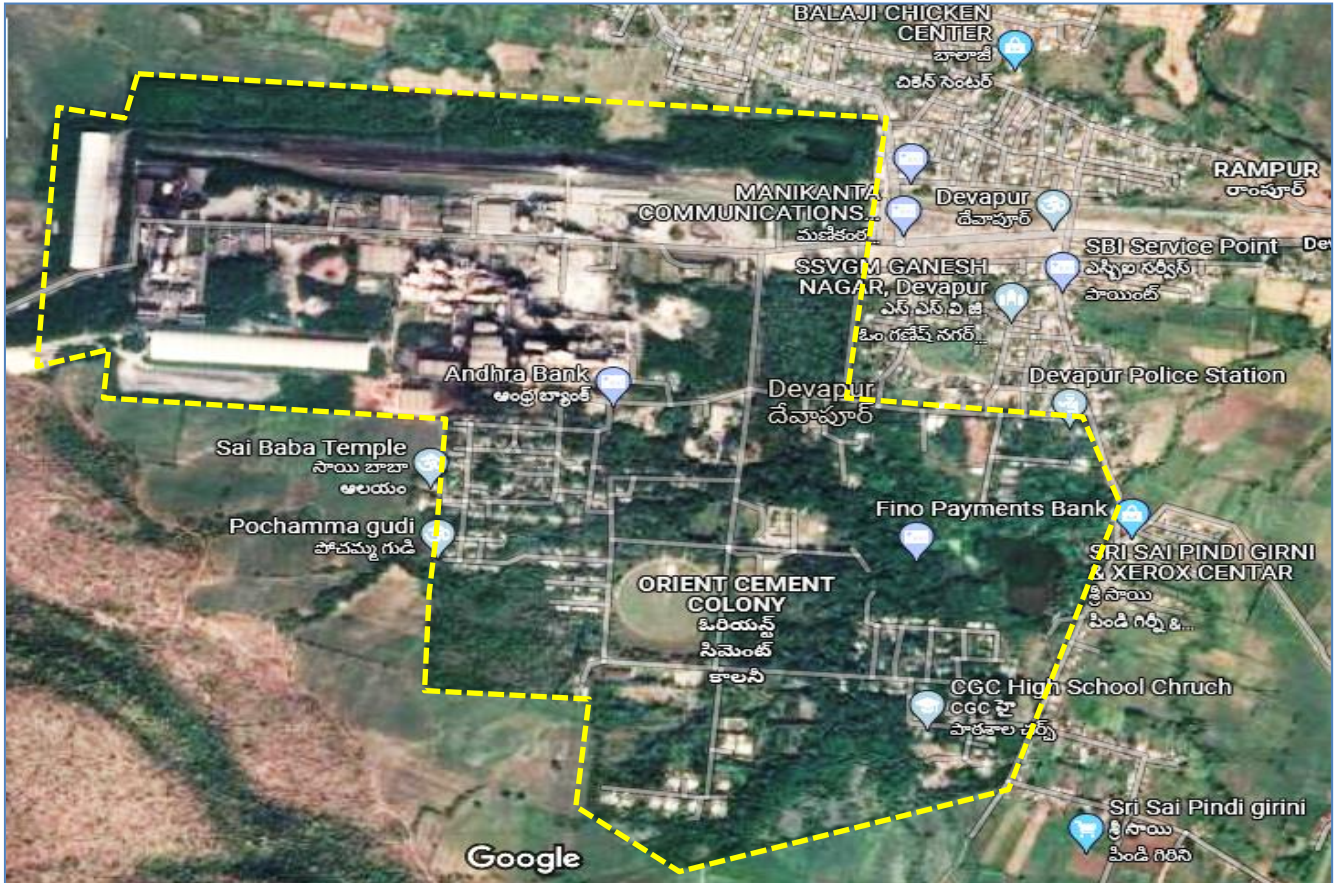
**FORM-V**

See Rule-14

**Environmental Statement for the financial year ending with 31<sup>st</sup> March 2022**

**Annexure-7**

**Greenbelt Development**





**FORM-V**

*See Rule-14*

**Environmental Statement for the financial year ending with 31<sup>st</sup> March 2022**



**FORM-V**

*See Rule-14*

**Environmental Statement for the financial year ending with 31<sup>st</sup> March 2022**



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



**FORM-V**

*See Rule-14*

**Environmental Statement for the financial year ending with 31<sup>st</sup> March 2022**

**Annexure-8**

**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

**FORM-V**

*See Rule-14*

**Environmental Statement for the financial year ending with 31<sup>st</sup> March 2022**



Coal Storage Shed



Limestone Storage Shed



Laterite Storage Shed



Gypsum Storage Shed



Clinker Silo



Flyash Silo



**FORM-V**

*See Rule-14*

**Environmental Statement for the financial year ending with 31<sup>st</sup> March 2022**



Closed Conveying System



Closed Conveying System



*Bag filters at various material transfer points & silo top*



**FORM-V**

See Rule-14

**Environmental Statement for the financial year ending with 31<sup>st</sup> March 2022**

**Annexure-9**

**Corporate Social Responsibility**

Area of CSR Expenditure	Amount Incurred in Lakh Rs.
School Running Expenses at Devapur	284.51
Medical Expenses at Dispensary	32.54
Vanavasi Kalyani Parishad	1.44
Maintenance charges of Sulabh Complex	2.24
Distribution Mass meals arranged for adivasi community	2.1
Wall & Statue Painting work at Devapur village	0.4
Repair & Painting work at Dhyankendra - Devapur	0.71
Levelling and fixing at prakruthi vanam at Nayak gudam	0.27
Hiring Charges of Ambulance for Villagers	2.78
Police Blood Camp At Mandamarri	4.41
CSR Expenses incurred for Swatchata Pakwada	0.24
Maintenance Work Nearby Villages	2.9
<b>Total</b>	<b>334.54</b>



ORIENT

CEMENT

ORIENT CEMENT LIMITED

UNIT VIII, 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.119-B-BLOCK,

SIRISAMPADA 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	3800041902	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



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