CK BIRLA GROUP | ORIE



OCL(CGU)/Env/MPCB/2020-21/ つD

Date: 22.07.2020

The Member Secretary,

Maharashtra Pollution Control Board Kalpataru Point, 2nd – 4th Floor, Opp: Cine Planet Cinema, Near Sion Circle, Sion East Mumbai – 400 022

- Sub: Submission of Environmental Statement for our Clinker Grinding Unit (CGU) located at NH-6, PO. Nashirabad, Taluka & Distt. Jalgaon (Maharashtra) for the Year 2019-20.
- Ref: Consent letter No. BO/CAC-Cell/UAN No. 0000010664-16/CAC-1705000254 Dated 08.05.2017.

Dear Sir,

With reference to the above subject, we are enclosing herewith the hard copy of Environmental Statement in Form-5 which we have already submitted through online portal for our Clinker Grinding Unit (CGU) located at NH-6, PO. Nashirabad, Distt. Jalgaon (Maharashtra) for the **Year 2019-20** as per Rule-14 of Environment (Protection) Rules, 1986.

Submitted for your kind information and record please.

Thanking you

Yours Faithfully For ORIENT CEMENT LTD. (CGU)

M. P. JOSHI Vice President

Encl: As Above

CC: 1. The Regional Officer, Maharashtra Pollution Control Board, 1st floor, Udyog Bhavan, Near ITI, Satpur MIDC, Nashik. (MS).

2. The Sub-Regional Officer-1, Maharashtra Pollution Control Board, B.J. Market, Hall No. A, 3rd Floor, Jalgaon (MS)- 425 001

Orient Cement Limited Clinker Grinding Unit: At N.H. 6,Nashirabad, Dist. Jalgaon -425309. 0257 - 2356289/383/652, Fax: 027-2356290, Email : cgu.edp@orientcement.com Registered Office: Unit VIII, Plot No.7, Bhoinagar, Bhubaneshwar, Odisha 751012, India www.orientcement.com CIN No:L269400R2011PLC013933



Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

FORM V Environmental Audit Report for the financial Year ending the 31s	t March 2020				
Unique Application Number	nique Application Number Submitted Date				
MPCB-ENVIRONMENT_STATEMENT-0000024461	22-07-2020				
Company Information					
Company Name	Application UAN number				
ORIENT CEMENT LTD. Clinker Grinding Unit	MPCB-CONSENT-0000010664				
Address					
At NH-6, PO. Nashirabad, Taluka and Distt. Jalgaon					
Plot no	Taluka	Village			
736-744, 898/1, 162, 166, 168, 170, 173-175	Jalgaon	Nashirabad			
Capital Investment (In lakhs)	Scale	City			
18948.92	L.S.I	jalgaon			
Pincode	Person Name	Designation			
	MP Joshi	Vice President			
Telephone Number	Fax Number	Email			
9165510906	02572356290	ehs.cgu@orientcement.com			
Region	Industry Category	Industry Type			
SRO-Jalgaon	Red	R26 Cement			
Last Environmental statement submitted online	Consent Number	Consent Issue Date			
yes	MPCB-CONSENT-0000010664	08.05.2017			
Consent Valid Upto					
31.10.2021					

Product Information				
Product Name	Consent Quantity	Actual Quantity	UOM	
(OPC & PPC)	2280120 1140443		Ton/Y	
By-product Information				
By Product Name	Consent Quantity	Actual Quantity	UOM	
NA	NA	NA	Ton/Y	
1) Water Consumption in m3/day				
Water Consumption for	Consent Quantity in m3/day	Actual Quantity	in m3/day	
Process	0	0		
Cooling	110	40.74		
Domestic	21	19.98		
All others	125	28.08		
Total	256	88.80		

Domestic Effluent	15	4.67	CMD
2) Product Wise Process Water Consumption (cubic me process water per unit of product)	eter of		
Name of Products (Production)	During the Prev financial Year	vious During the Financial ye	current UOM ear
Cement	0	0	CMD
3) Raw Material Consumption (Consumption of raw material per unit of product) Name of Raw Materials	During the Previous financial Year	During the curre Financial year	nt UOM
Clinker	0.653	0.657	Ton/Ton
Gypsum	0.044	0.039	Ton/Ton
Fly Ash	0.302	0.304	Ton/Ton
4) Fuel Consumption			

Fuel Name	Consent quantity	Actual Quantity	UOM
HSD	459.9	4.2	KL/A

Pollution discharged to environment/unit of output (Parameter as specified in the consent issued) [A] Water

Pollutants Detail	Quantity of Pollutants discharged (kL/day)	Concentration of Pollutants discharged(Mg/Lit) Except PH,Temp,Colour	Percentage of variation from prescribed standards with reasons		
	Quantity	Concentration	%variation	Standard	Reason
Domestic Waste -pH	0	7.8	0	5.5-9.0	NA
Domestic Waste - TSS	0.073	15.8	0	100	NA
Domestic Waste - BOD	0.091	19.5	0	30	NA
Domestic Waste - COD	0.313	67	0	250	NA
Domestic Waste Oil & Grease	0	<1	0	10	NA

[B] Air (Stack)					
Pollutants Detail	Quantity of Pollutants discharged (kL/day)	Concentration of Pollutants discharged(Mg/NM3)	Percentage of variation from prescribed standards with reasons		
	Quantity	Concentration	%variation	Standard	Reason
TPM -Polycom Stack Line-1	1.656	13.19	0	30	NA
TPM- Cement Mill-1 Stack	1.419	12.99	0	30	NA
TPM - Common Process Stack Line-2	3.332	14.11	0	30	NA
TPM - Packer -1 Stack	1.865	13.14	0	30	NA
TPM- Packer-2 Stack	1.724	13.43	0	30	NA
TPM- New Packing Plant Stack	0.815	13.29	0	30	NA
TPM- DG Set Stack	0.004	18.20	0	30	NA
Wagon Tippler Stack	2.94	13.30	0	30	NA

1) From Pro Hazardous V 5.1 Used /spe	cess Vaste Type nt oil	Tota 4.28	l During Previous Fina	ancial year	Tota 4.1	al During Current Financi	al year	UOM KL/A
2) From Poll Hazardous V 5.1 Used /spe	ution Contro Vaste Type nt oil	ol Fac Tota NA	ilities I During Previous Fina	ancial year	Tota NA	l During Current Financia	al year	UOM MT/A
SOLID WAST 1) From Pro Non Hazardo NA	T <mark>ES</mark> cess ous Waste T	ype	Total During Previous NA	s Financial yea	nr To NA	tal During Current Finan	cial year	UOM Ton/Y
2) From Poll Non Hazardo	ution Contro ous Waste T	ol Fac ype	ilities Total During F	Previous Finan	cial year	Total During Current Fi	nancial year	UOM
Cement Clink	er Dust		100% recycled	in the process	-	100% recycled in the proc	ess	Ton/Y
<u>3) Quantity</u> Waste Type	Recycled or	Re-u	tilized within the unit	Total Dur Financial	ing Previous vear	s Total During C Financial year	urrent	UOM
5.1 Used /spe	nt oil			0	,	0		Ton/Y
Type of Haz 5.1 Used /spe 2) Solid Was Type of Solid Cement Clink	ardous Wast nt oil te d Waste Ger er Dust	te Ge nerat	ed Qty of Hazar 4.1 Qty of So 100% recy	rdous Waste Did Waste Voled in the proc	cess T	UOMConcentratioKL/ABlack in color,IOMConcentration ofTon/YCement Dust, Clink	n of Hazardous Oily, Flammable Solid Waste er Dust, Fly Ash	s Waste
Impact of th production.	e pollution	Contr	ol measures taken on	conservation	of natural r	esources and consequen	tly on the cost	of
Description	Reduction Water Consumpti (M3/day)	in on	Reduction in Fuel & Solvent Consumption (KL/day)	Reduction in Raw Materia (Kg)	Reduction Power Consumpt (KWH)	n in Capital Investment(in tion Lacs)	Reduction i Maintenanc Lacs)	n :e(in
NA	NA		NA	NA	NA	NA	NA	
Additional n [A] Investm Statement Detail of me	neasures/inv ent made du asures for E	vestm iring inviro	ent proposal for envi the period of Environ nmental Protection	ronmental pro mental	tection abar Environmen	tement of pollution, prev	cention of pollu Capital Invest	ition. tment
Construction	of Road for Ra	aw ma	terial Transportation		Dust Emission control 35		(Lacks) 35	
Energy Manag	gement				Energy Conse	ervation	2.01	
Modification &	Maintenanc	e of A	ir Pollution Control Equip	oment	Air Pollution r	mitigation measure	12.12	
Green Belt De	evelopment- F	Reven	ue		Air Pollution r	mitigation measure	16.17	
Other Expend	litures - Reve	nue			Air Pollution r	mitigation measure	221.29	

Any other particulars in respect of environmental protection and abatement of pollution.

Particulars

Continuous Online Monitoring equipments installed for AAQ & Stack emission monitoring. 41% area of the total land is already covered under green belt development.

Name & Designation

M. P. Joshi, Vice President