

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

FORM V (See Rule 14) Environmental Audit Report for the financial Year ending the 31st March 2023

Unique Application Number MPCB-ENVIRONMENT_STATEMENT-0000057199

PART A

Company Information

Company Name JSW STEEL LIMITED (COKE OVEN PLANT II)BATTERY A& B(CAPACITY-1.5 MTPA

Address GEETAPURM DOLVI

Plot no 33,34,27,28

Capital Investment (In lakhs) 159700

Pincode 402107

Telephone Number 02143277501

Region SRO-Raigad II

Last Environmental statement submitted online yes

Consent Valid Upto

2022-12-31

Industry Category Primary (STC Code) & Secondary (STC Code)

Application UAN number 00001021477

Taluka PEN

Scale LARGE

Person Name DR.ANAND RAI

Fax Number 2143277542

Industry Category Red

Consent Number

Format 1.0/CAC/UAN NO.0000101988/CR- 2110000975

Establishment Year

2018

Village KHARKARAV VILLAGE

Submitted Date

11-09-2023

City PEN

Designation VICE PRESIDENT(HOD ENVIRONMENT)

Email anand.rai@jsw.in

Industry Type R19 Coke making , liquefaction, coal tar distillation or fuel gas making

Consent Issue Date

2021-10-21

Date of last environment statement submitted Sep 9 2022 12:00:00:000AM

Product Information Product Name	Consent Quantity	Actual Quantity	UOM
DRY COKE	1500000	1141346	MT/A
By-product Information			
By Product Name	Consent Quantity	Actual Quantity	UOM
COKE OVEN GAS	75000	573648.10	NM3/Annum
TAR	65693	51886	MT/A
Benzol	18624	6666	MT/A

Part-B (Water & Raw Material Consumption)

Water Consumption for Process	Consent Quant 0.00	• •	Actual Quantity in m3, 0.00	'day
Cooling	9216.00		4361.00	
Domestic	60.00		32.00	
All others	0.00		0.00	
Total	9276.00		4393.00	
2) Effluent Generation in CMD / MLD				
Particulars TRADE EFFLUENT(100%Reutilization in plant)		Consent Quantity 4176	Actual Quantity 4176	UOM CMD
DOMASTIC EFFLUENT		38	32	CMD
2) Product Wise Process Water Consumption	on (cubic meter of			
process water per unit of product) Name of Products (Production)		During the Previo financial Year	us During the curre Financial year	nt UOM
DRY COKE (M3/UNIT OF PRODUCT)		0	0.0038	MT/A
3) Raw Material Consumption (Consumptio	n of raw material per			
<u>unit of product)</u> Name of Raw Materials		During the Previous financia Year	During the current I Financial year	t UOM
HARD COKING COAL		0	0.685	MT/A
SEMI HARD COAL		0	0.408	MT/A
PCI COAL		0	0.083	MT/A
SECONDARY HARD COKING COAL		0	0.206	MT/A
MSK/SMM/NAMOI/COKE FINES		0	0.159	MT/A
4) Fuel Consumption				
Fuel Name COKE OVEN GAS	Consent quantity 0	Actual Quanti 126438	-	м И/Hr
BF GAS	0	1093279217.5		//Hr
Part-C				

Pollution discharg [A] Water	ged to environment/un	it of output (Parameter as specif	ied in the consent issued)		
Pollutants Detail	Quantity of Pollutants discharged (kL/day) Quantity	Concentration of Pollutants discharged(Mg/Lit) Except PH,Temp,Colour Concentration	Percentage of variation from prescribed standards with reasons %variation	Standard	Reason
NA	0	0	0	0	NA
1NA	0	0	0	0	NA

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
COKE OVEN BATTERY C& D MAIN STACK	491.4	48.3	3.31	50	NA
COKE OVEN BATTERY PUSHING SIDE STACK	29.1	12.0	76.07	50	NA
COKE OVEN BATTERYCHARGING DEDUSTING STACK	23.2	13.6	72.88	50	NA
COAL CRUSHING DE-DUSTING STACK	17.2	22.1	55.73	50	NA
COAL CUTTING DE-DUSTING STACK	20.4	21.5	57.08	50	NA
BUNKAR DEDUSTING STACK	39	25.9	48.13	50	NA
BOILER STACK	22	20.1	60.08	50	NA

HAZARDOUS WASTES 1) From Process			
Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
5.1 Used or spent oil	0	0	Ltr/A
5.2 Wastes or residues containing oil	0	0.447	Ltr/A
13.4 Decanter tank tar sludge	0	67.75	Ltr/A
29.5 Spent catalysts	0	0	MT/A
35.3 Chemical sludge from waste water treatment	0	0	MT/A

2) From Pollution Control	Facilities		
Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
0	0	0	

Part-E

1) From Process				
Non Hazardous Waste Type	Total During Pre	evious Financial year	Total During Current Financial year	UOM
COKE BREEZE	0		32482	MT/A
2) From Pollution Control Fa	cilities			
Non Hazardous Waste Type	Tot. yea	al During Previous Financi r	al Total During Current Financial year	UOM
Coal and Coke Dust From De-du	sting system 0		3072.62	MT/A

Waste Type	Total During Previous Financial year	Total During Current Financial year	иом
0	0	35554.62	MT/A

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

1) Hazardous Waste			
Type of Hazardous Waste Generated	Qty of Hazardous Waste	UOM	Concentration of Hazardous Waste
5.1 Used or spent oil	0	Ltr/A	NA
5.2 Wastes or residues containing oil	0.447	Ltr/A	NA
13.4 Decanter tank tar sludge	67.75	Ltr/A	NA

2) Solid Waste

Type of S	olid Waste Generated	Q

Cock Breeze ,Coal and Coke Dust From De-dusting system

Qty of Solid WasteUOMConcentration of Solid Waste35554.62Ton/Yused at sinter plantfor sinter making

Part-G

Impact of the pollution Control measures taken on conservation of natural resources and consequently on the cost of production.

Description	Reduction in Water Consumption (M3/day)	Reduction in Fuel & Solvent Consumption (KL/day)	Reduction in Raw Material (Kg)		Capital Investment(in Lacs)	Reduction in Maintenance(in Lacs)
NA	0	0	0	0	159700	0

Part-H

[A] Investment made during the period of Environ	nmental	
Statement		
Detail of measures for Environmental Protection	Environmental Protectio Measures	on Capital Investment (Lacks)
NA	NA	0
[B] Investment Proposed for next Year		
Detail of measures for Environmental Protection	Environmental Protection Measures	Capital Investment (Lacks
NA	NA	0

Part-I

Any other particulars for improving the quality of the environment.

Particulars

The company is well aware of surrounding Environment. JSW Steel Limited has planted large number of trees in the plant premises as per the guidelines given by MPCB. We are maintaining the full-fledged Nursery managed by a qualified Horticulture Officers to develop plants for our in house requirement. Till date about 210911 Nos. big trees and 707740 Nos. small trees including innumerable flower bushes, ornamental trees etc. have been planted.

Name & Designation

DR.ANAND RAI VICE PRESIDENT (HOD-ENVIRONMENT)

UAN No:

MPCB-ENVIRONMENT_STATEMENT-0000057199

Submitted On:



महाराष्ट्र प्रदूषण नियंत्रण मंडळ

FORM V (See Rule 14) Environmental Audit Report for the financial Year ending the 31st March 2023

Unique Application Number MPCB-ENVIRONMENT STATEMENT-0000057192

PART A

Company Information

Company Name JSW STEEL LIMITED (COKE OVEN PLANT II)BATTERY C& D(CAPACITY-1.5 MTPA

Address **GEETAPURM DOLVI**

Plot no 91 TO 113

Capital Investment (In lakhs) 183511

Pincode 402107

Telephone Number 02143277501

Region SRO-Raigad II

Last Environmental statement submitted online no

Consent Valid Upto

2022-12-31

Industry Category Primary (STC Code) & Secondary (STC Code)

Application UAN number

Taluka PFN

00001021477

Scale LARGE

Person Name DR.ANAND RAI

Fax Number 2143277542

Industry Category Red

Consent Number

Format 1.0/CAC/UAN NO.0000121477/CO 2209000929

Establishment Year

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2021
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Village KHARKARAV VILLAGE

Submitted Date

11-09-2023

City PEN

Designation VICE PRESIDENT(HOD ENVIRONMENT)

Email anand.rai@jsw.in

Industry Type R53 Iron & Steel (involving processing from ore/ integrated steel plants) and or Sponge Iron units

Consent Issue Date

2022-09-15

Date of last environment statement submitted Jan 1 1900 12:00:00:000AM

Product Information			
Product Name	Consent Quantity	Actual Quantity	UOM
DRY COKE	1500000	1157901	MT/A
By-product Information			
By Product Name	Consent Quantity	Actual Quantity	UOM
COKE OVEN GAS	75000	573648.10	NM3/Annum
TAR	65693	51886	MT/A

6666

MT/A

Part-B (Water & Raw Material Consumption)

0.00	0.00
9216.00	4361.00
60.00	32.00
0.00	0.00
9276.00	4393.00
Consent Quantit	y Actual Quantity UON
	9276.00 Consent Quantity

Particulars	Consent Quantity	Actual Quantity	UOM
TRADE EFFLUENT(100%Reutilization in plant)	4176	4176	CMD
DOMASTIC EFFLUENT	38	32	CMD

2) Product Wise Process Water Consumption (cubic meter of process water per unit of product) Name of Products (Production) During the Previous financial Year During the current Financial year UOM DRY COKE (M3/UNIT OF PRODUCT) 0 0.0038 MT/A

3) Raw Material Consumption (Consumption of raw material per unit of product)			
Name of Raw Materials	During the Previous financial Year	During the current Financial year	UOM
HARD COKING COAL	0	0.685	MT/A
SEMI HARD COAL	0	0.408	MT/A
PCI COAL	0	0.083	MT/A
SECONDARY HARD COKING COAL	0	0.206	MT/A
MSK/SMM/NAMOI/COKE FINES	0	0.159	MT/A

4) Fuel Consumption Fuel Name	Consent quantity	Actual Quantity	UOM
COKE OVEN GAS	0	126438	SCM/Hr
BF GAS	0	1093279217.5	SCM/Hr

Part-C

[A] Water	narged to environment/a	nit of output (Parameter as specif	ieu in the consent issueu)		
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
NA	0	0	0	0	NA

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
COKE OVEN BATTERY C& D MAIN STACK	491.4	48.3	3.31	50	NA
COKE OVEN BATTERY PUSHING SIDE STACK	29.1	12.0	76.07	50	NA
COKE OVEN BATTERYCHARGING DEDUSTING STACK	23.2	13.6	72.88	50	NA
COAL CRUSHING DE-DUSTING STACK	17.2	22.1	55.73	50	NA
COAL CUTTING DE-DUSTING STACK	20.4	21.5	57.08	50	NA
BUNKAR DEDUSTING STACK	39	25.9	48.13	50	NA
BOILER STACK	22	20.1	60.08	50	NA

HAZARDOUS WASTES 1) From Process			
Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	υом
5.1 Used or spent oil	0	0	Ltr/A
5.2 Wastes or residues containing oil	0	0.453	Ltr/A
13.4 Decanter tank tar sludge	0	68.74	Ltr/A
29.5 Spent catalysts	0	0	MT/A
35.3 Chemical sludge from waste water treatment	0	0	MT/A

2) From Pollution Control			
Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
0	0	0	

Part-E

1) From Process Non Hazardous Waste Type	Total During	g Previous Financial year	Tota	al During Current Financial year	UOM
COKE BREEZE	0		324	82	MT/A
2) From Pollution Control Fa	cilities				
Non Hazardous Waste Type		Total During Previous Finar year	ncial	Total During Current Financial year	UOM
Coal and Coke Dust From De-du	sting system	0		3072.62	MT/A

Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
0	0	35554.62	MT/A

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

1) Hazardous Waste			
Type of Hazardous Waste Generated	Qty of Hazardous Waste	UOM	Concentration of Hazardous Waste
5.1 Used or spent oil	0	Ltr/A	NA
5.2 Wastes or residues containing oil	0.447	Ltr/A	NA
13.4 Decanter tank tar sludge	67.75	Ltr/A	NA

2) Solid Waste

Type of Solid Waste Generated	Qty of Solid Wa
Cock Breeze ,Coal and Coke Dust From De-dusting system	35554.62

aste UOM Concentration of Solid Waste

Ton/Y used at sinter plantfor sinter making

Cock Breeze ,Coal and Coke Dust From De-dusting system

Part-G

Impact of the pollution Control measures taken on conservation of natural resources and consequently on the cost of production.

Description	Reduction in Water Consumption (M3/day)	Reduction in Fuel & Solvent Consumption (KL/day)	Reduction in Raw Material (Kg)		Capital Investment(in Lacs)	Reduction in Maintenance(in Lacs)
NA	0	0	0	0	183511	0

Part-H

[A] Investment made during the period of Environ Statement	nmental	
Detail of measures for Environmental Protection	Environmental Protecti Measures	on Capital Investment (Lacks)
NA	NA	0
[B] Investment Proposed for next Year		
Detail of measures for Environmental Protection	Environmental Protection Measures	Capital Investment (Lacks
NA	NA	0

Part-I

Any other particulars for improving the quality of the environment.

Particulars

The company is well aware of surrounding Environment. JSW Steel Limited has planted large number of trees in the plant premises as per the guidelines given by MPCB. We are maintaining the full-fledged Nursery managed by a qualified Horticulture Officers to develop plants for our in house requirement. Till date about 210911 Nos. big trees and 707740 Nos. small trees including innumerable flower bushes, ornamental trees etc. have been planted.

Name & Designation

DR.ANAND RAI VICE PRESIDENT (HOD-ENVIRONMENT)

UAN No:

MPCB-ENVIRONMENT STATEMENT-0000057192

Submitted On:



महाराष्ट्र प्रदूषण नियंत्रण मंडळ

FORM V (See Rule 14) Environmental Audit Report for the financial Year ending the 31st March 2023

Unique Application Number MPCB-ENVIRONMENT STATEMENT-0000057024

PART A

Company Information

Company Name AMBA RIVER COKE LIMITED(COKE OVEN PLANT)

Address GEETA PURAM DOLVI

Plot no 18,19,20,21,35,37,38,40,41,42

Capital Investment (In lakhs) 104000

Pincode 402107

Telephone Number 9607971413

Region SRO-Raigad II

Last Environmental statement submitted online yes

Consent Valid Upto

2024-05-31

Industry Category Primary (STC Code) & Secondary (STC Code)

Application UAN number 0000137969

Taluka ALIBAG

Scale LARGE

Person Name DR.ANAND RAI

Fax Number 2173277542

Industry Category Red

Consent Number

Format 1.0 /CAC/UAN NO.0000137969/CR/2302000855

Establishment Year

2008

Village JUI BAPAJI DOLVI

Submitted Date

08-09-2023

City PEN

Designation VICE PRESIDENT (HOD-ENVIRONMENT)

Email anand.rai@jsw.in

Industry Type R19 Coke making , liquefaction, coal tar distillation or fuel gas making

Consent Issue Date

2022-02-13

Date of last environment statement submitted Sep 8 2022 12:00:00:000AM

Product Information			
Product Name	Consent Quantity	Actual Quantity	UOM
DRY COKE	1000000	763390	Ton/Y
By-product Information			
By Product Name	Consent Quantity	Actual Quantity	UOM
COKE OVEN GAS	456687	345251	Ton/Y
TAR	47000	30439	Ton/Y

Part-B (Water & Raw Material Consumption)

<u>[B] Air (Stack)</u> Pollutants Detai	il Quantity of Pollutants discharged (kL/ Quantity	Concentration discharged(M day) Concentration	g/NM3)	from pres	with reasons	Standard	l Reasor
Pollution discha [A] Water Pollutants Detail NA	rged to environment/ur Quantity of Pollutants discharged (kL/day) Quantity 0	nit of output (Parama Concentration of P discharged(Mg/Lit) PH,Temp,Colour Concentration 0	ollutants	Percentage from prescr	of variation	Standard 0	Reasor 0
Part-C							
BF Gas (NM3)		0		24685704		SCM/H	r
4) Fuel Consump Fuel Name Coke Oven Gas(KN		Consent qu a 0	antity	Actual Quant 206056.375	ity	ИОМ SCM/H	r
MCK/SMM/NAMOI			0.104		0.151		Ton/`
SECONDRY Hard C	Coking coal		0.229		0.207		Ton/`
PCI coal			0.109		0.089		Ton/`
Semi Hard coal			0.397		0.406		Ton/
Name of Raw Ma Hard Coking coal			During th financial 0.579	e Previous Year	During the co Financial yea 0.683		UOM Ton/`
3) Raw Material per unit of produ	Consumption (Consum uct)	otion of raw materia	1				
PELLET (M3/UNIT (OF PRODUCT)		197		2.25	y cur	Qnt/
	Process Water Consum er unit of product) ts (Production)	ption (cubic meter o	Dur	ing the Previous	During the Financial y		UOM
DOMESTIC EFFLUE	ENT		30		25		CMD
2) Effluent Gene Particulars TRADE EFFLUENT	eration in CMD / MLD		Consent Qu 2160	-	Actual Quantit 2150	-	UOM CMD
Total		7409.24		6	137.54		
All others		0.00		0	.00		
Domestic		36.24			4.00		
Process Cooling		0.00 7373.00			.00 103.54		
Water Consump	tion for		uantity in m3	-	ctual Quantity	r in m3/day	/

MAIN STACK	1185.2	47.8	4.45	50	NA
GROUND DEDUSTING STACK	85.8	9.6	80.80	50	NA
BOILER STACK	120.8	16.6	66.83	50	NA

HAZARDOUS WASTES 1) From Process				
Hazardous Waste TypeTo5.1 Used or spent oil0	otal During Previous Financial yea	a r lotal During 0	Current Financial year	UOM Ltr/A
5.2 Wastes or residues containing oil 48	33	180		Kg/Annum
13.4 Decanter tank tar sludge 68	3.05	57.80		Ton/Y
2) From Pollution Control Facilities Hazardous Waste Type Total De	uring Previous Financial year	Total During (Current Financial year	UOM
0 0	army Frevious Financial year	0	current i manciai year	Ton/Y
Part-E				
SOLID WASTES 1) From Process Non Hazardous Waste Type Total D	uring Providus Einansial year	Total During (Current Financial year	UOM
COKE BREEZE 16182	unng Frevious Financial year	20125.42	current rinanciai year	Ton/Y
2) From Pollution Control Facilities Non Hazardous Waste Type COAL AND COKE DUST	Total During Previous Financial y 217.1	year Total Dur 434.94	ing Current Financial year	• UOM Ton/Y
3) Quantity Recycled or Re-utilized v	vithin			
Waste Type	Total During Previous		al During Current Financia	I UOM
0	year 162399.1	yea 2013	25.42	Ton/Y
Part-F				
Please specify the characteristics(in indicate disposal practice adopted f			us as well as solid wastes	and
 Hazardous Waste Type of Hazardous Waste Generated Used or spent oil 	I Qty of Hazardous Waste 0	UOM Ltr/А	Concentration of Hazard send to MPCB Authorized Ro	
5.2 Wastes or residues containing oil	180	Kg/Annum	Used in Furnace	
13.4 Decanter tank tar sludge	57.80	Ton/Y	REUSED IN COKE OVEN PLA	NT
2) Solid Waste Type of Solid Waste Generated COKE BREEZE3& COKE COAL DUST dust	Qty of Solid Waste UOM Conc 20125.42 Ton/Y 100 %		Waste MAKING & COAL BLENDING F	Plant
Part-G				

Impact of the pollution Control measures taken on conservation of natural resources and consequently on the cost of production.

Description	Reduction in Water Consumption (M3/day)	Reduction in Fuel & Solvent Consumption (KL/day)	Reduction in Raw Material (Kg)		Capital Investment(in Lacs)	Reduction in Maintenance(in Lacs)
NA	0	0	0	0	104000	0

Part-H

[A] Investment made during the period of Enviror	nmental	
Statement		
Detail of measures for Environmental Protection	Environmental Protecti Measures	on Capital Investment (Lacks)
NA	NA	0
[B] Investment Proposed for next Year		
Detail of measures for Environmental Protection	Environmental Protection Measures	Capital Investment (Lacks)
NA	NA	0

Any other particulars for improving the quality of the environment.

Particulars

The company is well aware of surrounding Environment. JSW Steel Limited has planted large number of trees in the plant premises as per the guidelines given by MPCB. We are maintaining the full-fledged Nursery managed by a qualified Horticulture Officers to develop plants for our in house requirement. Till date about 210911 Nos. big trees and 707740 Nos. small trees including innumerable flower bushes, ornamental trees etc. have been planted

Name & Designation

DR.ANAND RAI (Vice President) -HOD ENVIRONMENT DEPT.

UAN No:

MPCB-ENVIRONMENT STATEMENT-0000057024

Submitted On:



महाराष्ट्र प्रदूषण नियंत्रण मंडळ

FORM V (See Rule 14) Environmental Audit Report for the financial Year ending the 31st March 2023

Unique Application Number MPCB-ENVIRONMENT STATEMENT-0000057046

PART A

Company Information

Company Name AMBA RIVER COKE LIMITED(PELLET PLANT)

Address GEETA PURAM DOLVI

Plot no 1,8,9.10,11,12,13,46,47,49

Capital Investment (In lakhs) 119012

Pincode 402107

Telephone Number 9607971413

Region SRO-Raigad II

Last Environmental statement submitted online yes

Consent Valid Upto

2027-09-30

Industry Category Primary (STC Code) & Secondary (STC Code)

Application UAN number 0000147985

Taluka ALIBAG

Scale LARGE

Person Name DR.ANAND RAI

Fax Number 2173277542

Industry Category Red

Consent Number

Format 1.0 /CAC/UAN NO.0000147985/CR/2301001229

Establishment Year

2014

Village JUI BAPAJI DOLVI

Submitted Date

08-09-2023

City PEN

Designation VICE PRESIDENT (HOD-ENVIRONMENT)

Email anand.rai@jsw.in

Industry Type R53 Iron & Steel (involving processing from ore/ integrated steel plants) and or Sponge Iron units

Consent Issue Date

2023-01-12

Date of last environment statement submitted Aug 27 2022 12:00:00:000AM

Product Information Product Name Consent Quantity Actual Quantity UOM PELLET 4000000 3600710 Ton/Y **By-product Information By Product Name** Actual Quantity UOM **Consent Quantity** NA 0 0 Ton/Y

Part-B (Water & Raw Material Consumption)

1) Water Consumption in m3/day		
Water Consumption for	Consent Quantity in m3/day	Actual Quantity in m3/day
Process	0.00	0.00
Cooling	3366.00	1604.69
Domestic	36.00	34.00
All others	0.00	0.00
Total	3402.00	1638.69

2) Effluent Generation in CMD / MLD			
Particulars	Consent Quantity	Actual Quantity	UOM
TRADE EFFLUENT	0	0	CMD
DOMESTIC EFFLUENT	15	14	CMD

2) Product Wise Process Water Consumption (cubic meter of
process water per unit of product)During the Previous
financial YearDuring the current
Financial yearUOMPELLET (M3/UNIT OF PRODUCT)01410.148Qnt/Y

3) Raw Material Consumption (Consumption of raw material per unit of product)

Name of Raw Materials	During the Previous financial Year	During the current Financial year	UOM
Iron ore fines -bacheli	0.79	0.55	MT/A
Iron ore fines -MEL FINES	0.022	0.033	MT/A
Iron ore fines -Odisa fines high grade	0.115	0.042	MT/A
Iron ore fines -jabalpur fines	0.004	0.014	MT/A
Iron ore fines -oxide fines	0.048	0.0620	MT/A
Pellet feeds	0.037	0.128	MT/A
Bentonite	0.019	0.0062	MT/A
lime stone fines+Dolimite fines	0.026	0.017	MT/A

4) Fuel Consumption			
Fuel Name	Consent quantity	Actual Quantity	UOM
Coke Oven Gas(KM3)	0	206056.375	SCM/Hr
BF Gas (NM3)	0	241630659	M3/Anum
COKE BREEZE	0	42122	MT/A

Part-C

[A] Water				
Pollutants Detail	Quantity of Pollutants discharged (kL/day) Quantity	Concentration of Pollutants discharged(Mg/Lit) Except PH,Temp,Colour Concentration	Percentage of variation from prescribed standards with reasons %variation	Standard
NA	0	0	0	0

Reason 0

[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
DEDUSTING SYSTEM STACK 1& 2	40.8	21.0	58	50	NA
DEDUSTING SYSTEM STACK 3	32.4	25.3	49.50	50	NA
FURNACE STACK	1131.3	16.9	66.15	50	NA
DEDUSTING SYSTEM STACK 7	75.7	28	44	50	NA
DEDUSTING SYSTEM STACK 8	156.0	31.5	37	50	NA
DEDUSTING SYSTEM STACK 9	16.7	20.6	58.83	50	NA
FURNACE DISCHARE ESP STACK 3	63.2	21	58.00	50	NA

HAZARDOUS WASTES					
1) From Process					
Hazardous Waste Type 5.1 Used or spent oil		Total During Previous Financial year 0			IOM tr/A
5.2 Wastes or residues contair	ning oil	1800	2100		g/Annum
J.2 Wastes of residues contain	ing on	1000	2100	N	.y/Annum
2) From Pollution Control F	acilitie	S			
Hazardous Waste Type	Total	During Previous Financial year	Total E	During Current Financial year	UOM
0	0		0		Ton/Y
Part-E					
SOLID WASTES 1) From Process Non Hazardous Waste Type	e Tota	During Previous Financial year	Total	During Current Financial year	UOM
na	0		0		Ton/Y
2) From Pollution Control F	acilitie	s			
Non Hazardous Waste Type	9	Total During Previous Financial yea	r To	otal During Current Financial year	UOM
DUST(ESP & Bag Filter)		28665	35	5573	Ton/Y
3) Quantity Recycled or Re	-utilize	d within the			
unit					
Waste Type		Total During Previous F year	inancia	I Total During Current Financial year	UOM
0		28665		35573	Ton/Y
Part-F					

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

Type of Hazardous Waste Generated 5.1 Used or spent oil			Qty of Hazaı 10200		UOM Ltr/A	Concentration of Hazardous Wast send to MPCB Authorized Recycler		
5.2 Wastes or	5.2 Wastes or residues containing oil 2100					Kg/Annum	Used in Furr	nace
2) Solid Was Type of Solid DUST (ESP &	d Waste Generate	d	Qty 355	of Solid Waste 73	e UOM Ton/ [^]		entration of 6 Recycled in	Solid Waste Pellet Plant
Part-G								
Impact of th production.	e pollution Contro	ol measu	res taken on	conservation	of natural re	esources a	nd consequ	ently on the cost of
Description	Reduction in Water Consumption (M3/day)	& Solv	ent mption	Reduction in Raw Material (Kg)		In	apital vestment(in acs)	Reduction in Maintenance(in Lacs)
NA	0	0		0	0	11	9012	0
Part-H								
	neasures/investme ent made during t				tection abat	ement of	pollution, pr	revention of pollution.
Statement	ent made during t	ne perio	a of Environ	mental				
Detail of me	asures for Enviro	nmental	Protection		Environme Measures	ntal Prote		Capital Investment (Lacks)
NA					NA			0
	ent Proposed for asures for Enviro			F		M	Consta	m.co.ekm.co.ek ()
NA	asures for Enviro	nmentai		Environmenta i NA	Protection	measures	Саріта 0	l Investment (Lacks)
							·	
Part-I								

Any other particulars for improving the quality of the environment.

Particulars

The company is well aware of surrounding Environment. JSW Steel Limited has planted large number of trees in the plant premises as per the guidelines given by MPCB. We are maintaining the full-fledged Nursery managed by a qualified Horticulture Officers to develop plants for our in house requirement. Till date about 210911 Nos. big trees and 707740 Nos. small trees including innumerable flower bushes, ornamental trees etc. have been planted

Name & Designation

DR.ANAND RAI (Vice President) -HOD ENVIRONMENT DEPT.

UAN No:

MPCB-ENVIRONMENT_STATEMENT-0000057046

Submitted On:

Application UAN number

00001021477

Taluka

PEN

Scale

LARGE

Person Name

DR.ANAND RAI



महाराष्ट्र प्रदूषण नियंत्रण मंडळ

FORM V (See Rule 14) Environmental Audit Report for the financial Year ending the 31st March 2023

Unique Application Number MPCB-ENVIRONMENT_STATEMENT-0000057227

PART A

Company Information

Company Name HARSCO INDIA METALS PVT LTD

Address **GEETAPURM DOLVI**

Plot no 12,13,14 & PART OF 6,11,16,17,18,19

Capital Investment (In lakhs) 9423.98

Pincode 402107

Telephone Number	Fax Number	Email			
02143277501	2143277542	anand.rai@jsw.in			
Region	Industry Category	Industry Type			
SRO-Raigad II	Red	R44 Industry or process involving metal surface treatment or process such as pickling/ electroplating/paint stripping/ heat treatment using cyanide bath/ phosphating or finishing an anodizing / enamellings/ galvanizing			
Last Environmental statement submitted online	Consent Number	Consent Issue Date			
yes	Format 1.0/CAC/UAN NO.0000155183/CR- 2305001573	2023-04-22			
Consent Valid Upto	Establishment Year	Date of last environment statement submitted			
2027-12-31	2011	Sep 26 2022 12:00:00:000AM			
Industry Category Primary (STC Code) & Secondary (STC Code)					
Product Information Product Name	Consent Quantity	Actual Quantity UOM			
Metallic arising	68000	16717			
5					
Slag arising	852000	145988			

Large steel scarp

By-product Information By Product Name

Consent Quantity

14400

Actual Quantity

7978

UOM

Submitted Date

11-09-2023

Village

Citv

PEN

Designation

KHARKARAV VILLAGE

VICE PRESIDENT(HOD ENVIRONMENT)

0

SCM/Hr

Part-B (Water & Raw Material Consumption)

1) Water Consumption in m3/day Water Consumption for Process	<i>Consent Quantity in m3/day</i> 100.00	Actual Quantity in m3/day 97.00
Cooling	10.00	9.00
Domestic	7.00	6.00
All others	0.00	0.00
Total	117.00	112.00

0

2) Effluent Generation in CMD / MLD			
Particulars	Consent Quantity	Actual Quantity	UOM
TRADE EFFLUENT	14	5	CMD
DOMASTIC EFFLUENT	6	5	CMD

2) Product Wise Process Water Consumption (cubic meter of process water per unit of product)			
Name of Products (Production)	During the Previous financial Year	During the current Financial year	UOM
SLAG ARISING (M3/UNIT OF PRODUCT)	0	0.0	MT/A

3) Raw Material Consumption (Consumption of per unit of product)	raw material		
Name of Raw Materials	During the Previous financial Year	During the current Financial year	UOM
Slag (EAF & LF Slag)	130000	1790787	MT/A
4) Fuel Consumption Fuel Name Co	onsent quantity Actual	Quantity UOM	

0

0

Part-C

NA

[A] Water							
Pollutants Detail	Poll	ntity of utants harged (kL/day)	dis	ncentration of Pollutants charged(Mg/Lit) Except ,Temp,Colour	Percentage of variation from prescribed standards with reasons		
	Qua	ntity	Со	ncentration	%variation	Standard	Reason
NA	0		0		0	0	NA
1NA 0 0		0		0	0	NA	
[B] Air (Stack)							
Pollutants Detail		Quantity of Pollutants discharged (kL/d	ay)	Concentration of Pollutants discharged(Mg/NM3)	Percentage of variation from prescribed standards with reasons		
		Quantity		Concentration	%variation	Standard	Reason
METAL RECOVERY D	DUST	9.1		49.4	1.23	150	NA

0		0		9 227 0	MT//
<u>3) Quantity Recycled or Reunit</u> Waste Type	e-utilized within the		Financial	Total During Current Financ year	ial UOI
NA	0		0		MT/A
2) From Pollution Control I Non Hazardous Waste Typ		ring Previous Financial yea	r Total	During Current Financial year	
2) From Dellution Control					
NA	0		0		MT/A
SOLID WASTES 1) From Process Non Hazardous Waste Typ	e Total During Pre	vious Financial year	Total Dur	ing Current Financial year	UOI
Part-E					
0	0		0		
2) From Pollution Control Hazardous Waste Type		vious Financial year	Total Duri	ng Current Financial year	UOM
35.3 Chemical sludge from waste water treatment		0.54	0		MT/A
5.2 Wastes or residues contai	ining oil	60	0		Kg/Annur
5.1 Used or spent oil		0.285	6.	•	KL/A
Hazardous Waste Type				otal During Current nancial year	иом
1) From Process					

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

1) Hazardous Waste Type of Hazardous Waste Generated	Qty of Hazardous Waste	UOM	Concentration of Hazardous Waste
5.1 Used or spent oil	6.8	KL/A	SOLD TO MPCB AUTHORISED RECYCLER
5.2 Wastes or residues containing oil	00	Ltr/A	NA
35.3 Chemical sludge from waste water treatment	0	Ltr/A	NA
2) Solid Waste Type of Solid Waste Generated NA	Qty of Solid Waste 0	ИОМ Ton/Y	

Part-G

Impact of the pollution Control measures taken on conservation of natural resources and consequently on the cost of production.

Description	Reduction in Water Consumption (M3/day)	Reduction in Fuel & Solvent Consumption (KL/day)	Reduction in Raw Material (Kg)		Capital Investment(in Lacs)	Reduction in Maintenance(in Lacs)
NA	0	0	0	0	9423	0

Part-H

[A] Investment made during the period of Environ	nmental	
Statement		
Detail of measures for Environmental Protection	Environmental Protectio Measures	on Capital Investment (Lacks)
NA	NA	0
B] Investment Proposed for next Year		
Detail of measures for Environmental Protection	Environmental Protection Measures	Capital Investment (Lacks
NA .	NA	0

Any other particulars for improving the quality of the environment.

Particulars

The company is well aware of surrounding Environment. JSW Steel Limited has planted large number of trees in the plant premises as per the guidelines given by MPCB. We are maintaining the full-fledged Nursery managed by a qualified Horticulture Officers to develop plants for our in house requirement. Till date about 210911 Nos. big trees and 707740 Nos. small trees including innumerable flower bushes, ornamental trees etc. have been planted.

Name & Designation

DR.ANAND RAI VICE PRESIDENT (HOD-ENVIRONMENT)

UAN No:

MPCB-ENVIRONMENT_STATEMENT-0000057227

Submitted On:



महाराष्ट्र प्रदूषण नियंत्रण मंडळ

FORM V (See Rule 14) Environmental Audit Report for the financial Year ending the 31st March 2023

Unique Application Number MPCB-ENVIRONMENT STATEMENT-0000058210

PART A

Company Information

Company Name JSW STEEL LIMITED (SPONGE IRON PLANT)

Address GEETAPURAM DOLVI

Plot no 81,82,87,88,101,108,109,110

Capital Investment (In lakhs) 74617

Pincode 402107

Telephone Number 02143663200

Region SRO-Raigad II

Last Environmental statement submitted online yes

Consent Valid Upto

2022-12-31

. . . .

Industry Category Primary (STC Code) & Secondary (STC Code)

. .

Submitted Date 18-09-2023

Application UAN number 0000034884

Taluka PEN **Scale**

LARGE

Person Name DR.ANAND RAI

Fax Number 00000

Industry Category Red

Consent Number

Format 1.0/CAC=CELL /UAN NO.0000034884-17/CAC- 18040000346

Establishment Year

1994

Village DOLVI VILLAGE

City PEN

Designation VICE PRESIDENT (HOD-ENVIRONMENT)

Email anand.rai@jsw.in

Industry Type R53 Iron & Steel (involving processing from ore/ integrated steel plants) and or Sponge Iron units

Consent Issue Date

2018-02-07

Date of last environment statement submitted Aug 22 2022 12:00:00:000AM

Product Information			
Product Name	Consent Quantity	Actual Quantity	UOM
DIRECT REDUSED IRON	2000000	1304897	MT/A
By-product Information			
By Product Name	Consent Quantity	Actual Quantity	UOM
NA	0	0	NM3/Annum

Part-B (Water & Raw Material Consumption)

Pollutants Detail		Quantity Pollutan discharg (kL/day) Quantity	ts ed		ition of Pollutar d(Mg/NM3) ition		Percentage variation f prescribed standards reasons %variation	rom I with	Standard	l Reason
[B] Air (Stack)										
Pollutants Detail NA	Quantity of Pollutants discharged Quantity 0		dischar	ged(Mg/Lit) p,Colour		fron stan	centage of n prescribe ndards with riation	d	Standard 0	l Reason NA
Pollution dischar [A] Water Pollutants	ged to enviro Quantity of			out (Parame tration of Po			e consent i centage of			
Part-C										
POWER			0		1414317	00		Mwł	ı	
NITROGEN			0		1131477	7		NM3	8/Annum	
OXYGEN			0		5495509			NM3	8/Annum	
NATURAL GAS GAS			0		3010332	89		NM3	8/Annum	
4) Fuel Consump Fuel Name COKE OVEN GAS	tion		Conse 0	nt quantity	Actual Q 92625	uanti	ity	UOI NM3	// 8/Annum	
KIRANDUL LUMP					8.83		0.	379		MT/A
ARCL PELLET					0.66		1.	268		MT/A
NMDC BACHEL					financial Year 197.93		Fi	nancial yea 044		MT/A
3) Raw Material (per unit of produ Name of Raw Ma	ict)	(Consum	otion of r	aw material	During the Pr	eviou	is Di	uring the c	urrent	UOM
DIRECT REDUCED I			ICT)		finano 0875	cial Ye	ear	Financia 0.856	l year	MT/A
2) Product Wise process water pe Name of Product	er unit of pro	duct)	ption (cu	bic meter of		g the	Previous	During ti	he current	UOM
2) Effluent Gener Particulars TRADE EFFLUENT	ration in CMD) / MLD			Consent Quanti 3624	ity	Act 362	ual Quantii 4	ty	UOM CMD
Total				8024.00			3281	00		
All others				0.00			0.00			
Domestic				24.00			23.0	0		
Cooling				0.00			0.00			
Water Consumpt Process				Consent Qu 8000.00		-	3258	-	y in m3/da	

Flue Gas Ejector Stack	171	10.7	89.32	50	NA
Reduction Furnace Dust Collector Stack	10.3	22.7	77.32	50	NA
Product Screen Dust Collector Stack I	17.0	31.3	68.66	50	NA
Product Screen Dust Collector Stack ll	9.6	21.5	78.46	50	NA
Screen Dust Collector Stack C304	11.6	27.5	72.50	50	NA
Product Silo Dust Collector Stack	9.4	19.7	80.34	50	NA

HAZARDOUS WASTES 1) From Process					
Hazardous Waste Type		Total During Previous Financial year	Tota year	l During Current Financial	ИОМ
5.1 Used or spent oil		15800	2720	00	Ltr/A
5.2 Wastes or residues contain	ing oil	1653	1617	,	Kg/Annum
3.3 Sludge and filters contamir	nated with oil	12	11		Nos./Y
2) From Pollution Control F					
Hazardous Waste Type		ng Previous Financial year		iring Current Financial year	UOM
0	0		0		
Part-E					
1) From Process					
Non Hazardous Waste Type		ng Previous Financial year		uring Current Financial year	UOM
IRON ORE OXIDE FINES	266923		267841		MT/A
2) From Pollution Control F					
Non Hazardous Waste Type		tal During Previous Financial year		al During Current Financial yea	
ETP SLUDGE	10	5624	1098	823	MT/A
3) Quantity Recycled or Re-	utilized witl	nin the			
<u>unit</u> Waste Type		Total During Previous Fi year	nancial	Total During Current Financia year	al UOM

Part-F

0

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

374509

1) Hazardous Waste			
Type of Hazardous Waste Generated	Qty of Hazardous Waste	UOM	Concentration of Hazardous Waste
5.1 Used or spent oil	27200	Ltr/A	SOLD TO MPCB ATHORISED RECYCLYER
5.2 Wastes or residues containing oil	1617	Kg/Annum	USED IN FURNACE

377664

MT/A

3.3 Sludge and filters contaminated with oil	11
--	----

2) Solid Waste			
Type of Solid Waste Generated	Qty of Solid Waste	UOM	Concentration of Solid Waste
IRON OXIDE FINES GENERATED FROM PROCESS	267841	Ton/Y	REUSED-IN SINTER PLANT FOR SINTER MAKING
SOLID WASRE GENERATED FROM PROCESS WATER TREATMENT PLANT	109823	Ton/Y	REUSED-IN SINTER PLANT FOR SINTER MAKING

Part-G

Impact of the pollution Control measures taken on conservation of natural resources and consequently on the cost of production.

Description	Reduction in Water Consumption (M3/day)	Reduction in Fuel & Solvent Consumption (KL/day)	Reduction in Raw Material (Kg)		Capital Investment(in Lacs)	Reduction in Maintenance(in Lacs)
NA	0	0	0	0	74617	0

Part-H

[A] Investment made during the period of Environ	nmental	
Statement		
Detail of measures for Environmental Protection	Environmental Protectio Measures	n Capital Investment (Lacks)
NA	NA	0
[B] Investment Proposed for next Year		
Detail of measures for Environmental Protection	Environmental Protection Measures	Capital Investment (Lacks
NA	NA	0

Any other particulars for improving the quality of the environment.

Particulars

The company is well aware of surrounding Environment. JSW Steel Limited has planted large number of trees in the plant premises as per the guidelines given by MPCB. We are maintaining the full-fledged Nursery managed by a qualified Horticulture Officers to develop plants for our in house requirement. Till date about 210911 Nos. big trees and 707740 Nos. small trees including innumerable flower bushes, ornamental trees etc. have been planted.

Name & Designation

DR.ANAND RAI VICE PRESIDENT(HOD ENVIRONMENT)

UAN No: MPCB-ENVIRONMENT_STATEMENT-0000058210

Submitted On:



महाराष्ट्र प्रदूषण नियंत्रण मंडळ

FORM V (See Rule 14) Environmental Audit Report for the financial Year ending the 31st March 2023

Unique Application Number MPCB-ENVIRONMENT STATEMENT-0000057600

PART A

Company Information

Company Name JSW STEEL LIMITED (55 MW CAPTIVE POWER PLANT))

Address **GEETAPURAM DOLVI**

Plot no 129,130-A,130-B,131,132

Capital Investment (In lakhs) 18003

Pincode 402107

Telephone Number 02143663200

Region SRO-Raigad II Taluka PFN Scale

0000144072

LARGE

Person Name DR.ANAND RAI

Application UAN number

Fax Number 00000

Industry Category Red

Submitted Date 14-09-2023

Village KHAR KHARAV VILLAGE

City PEN

Designation VICE PRESIDENT (HOD-ENVIRONMENT)

Email anand.rai@jsw.in

capacity <25MW]

2023-03-16

Consent Issue Date

Industry Type R9 Power generation plant [except Wind and Solar renewable power plants of all capacities and Mini Hydel power plant of

Last Environmental statement submitted **Consent Number** Format 1.0/CAC/UAN NO.0000144072/CR/2303001159 **Consent Valid Upto**

2027-08-31

online

yes

Industry Category Primary (STC Code) & Secondary (STC Code)

Establishment Year

2013

Date of last environment statement submitted

Aug 20 2022 12:00:00:000AM

Product Information Product Name		Consent Quantity	Actual Quantity	UOM
Electricity Generation (Gas based Capt	ive Power Plant)	55	51.13	Mwh
By-product Information				
By-product Information By Product Name	Consent Quantity	Actual Quanti	ity UOM	

Part-B (Water & Raw Material Consumption)

Pollutants Detail	Quantity of Pollutants discharged (kL/day) Quantity	Concentration of Pol discharged(Mg/Lit) E PH,Temp,Colour Concentration		from presc	with reasons	Standar	d Reaso
Part-C Pollution discha [A] Water	arged to environment/ur	nit of output (Paramet	er as spec	ified in the conse	ent issued)		
RE-LIQUIFIED NAT	FURAL GAS	0		23	Ν	M3/Annum	
BFGAS		0		133554	Ν	M3/Annum	
4) Fuel Consum Fuel Name COKE OVEN GAS	ption	Consent qua 0	ntity	Actual Quanti 2186	-	OM M3/Annum	
RAW WATER			financia 0.219	l Year	Financial yo 0.250	ear	MT/A
3) Raw Material per unit of prod Name of Raw M		otion of raw material		he Previous	During the	current	UON
POWER GENERAT	ION		0219		0.250	yeur	MT/A
	per unit of product)			ing the Previous ncial Year	During th Financial	e current vear	UON
2) Product Wise	e Process Water Consum	ntion (cubic meter of					
DOMESTIC EFFLU			3		3		CMD
2) Effluent Gene Particulars TRADE EFFLUENT	eration in CMD / MLD		Consent	Quantity	Actual Quant 991	ity	UOM CMD
Total		4761.00		2	3093.74		
All others		10.00			10.00		
Domestic		5.00		!	3078.74 5.00		
Cooling		4746.00					
1) Water Consumption in m3/day Water Consumption for Process		Consent Qua 0.00	antity in m	-	Actual Quanti 0.00	ty in m3/da	ay .

NA	

[B] Air (Stack)

0

0

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
BOILER STACK	31.0	4.3	91.41	50	NA

0

0

NA

Part-D

HAZARDOUS							
1) From Proc							
			ng Previous Fin	ancial year		uring Current Financial ye	
5.1 Used or sp	oent oll	1200			1400		Ltr//
2) From Poll	ution Contro	ol Facilities					
Hazardous V			During Previous	s Financial vear	Total	During Current Financial	vear UOM
0	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	0	5	2	0	5	,
Part-E							
SOLID WAST	ES						
1) From Prod							
		ype Total	During Previou	s Financial year	· Total	During Current Financial	year UO
NA	-	0	-	-	0	-	MT/
2) From Poll			-				
Non Hazardo	ous Waste T	уре	Total During	Previous Financ	ial year T	otal During Current Finan	cial year UO
NA			0		0		MT/
3) Quantity	Recycled or	Re-utilized	l within the				
unit							
Waste Type				Total During P year	revious Finan	cial Total During Curren year	t Financial UO
0				0		0	MT/
Part-F							
Please speci indicate disp	ify the chara posal practic	cteristics(e adopted	in terms of con for both these	centration and o categories of w	quantum) of h astes.	azardous as well as solid	wastes and
Please speci indicate disp 1) Hazardou	oosal practic	cteristics(ce adopted	in terms of cond for both these	centration and c categories of w	quantum) of h astes.	azardous as well as solid	wastes and
indicate disp 1) Hazardou	oosal practio s Waste	e adopted	in terms of cond for both these ed Qty of Haza	categories of w	quantum) of h astes.	azardous as well as solid UOM Concentration of	
indicate disp 1) Hazardou	posal practic <u>s Waste</u> ardous Wast	e adopted	for both these	categories of w	quantum) of h astes.		Hazardous Waste
 indicate disp 1) Hazardou Type of Haza 5.1 Used or sp 2) Solid Was 	oosal practic s Waste ardous Wast bent oil	e adopted	for both these ed Qty of Haza	categories of w	quantum) of h astes.	UOM Concentration of	Hazardous Waste
indicate disp 1) Hazardou Type of Haza 5.1 Used or sp	oosal practic s Waste ardous Wast bent oil	e adopted	ed Qty of Haza	categories of w	quantum) of h astes. UOM	UOM Concentration of	Hazardous Waste HORISED RECYCLE
 indicate disp 1) Hazardou Type of Haza 5.1 Used or sp 2) Solid Was 	oosal practic s Waste ardous Wast bent oil	e adopted	ed Qty of Haza	categories of w rdous Waste	astes.	UOM Concentration of Ltr/A SOLD TO MPCB AUT Concentration of So	Hazardous Waste HORISED RECYCLE
 indicate disp 1) Hazardou Type of Haza 5.1 Used or sp 2) Solid Was Type of Solid 	oosal practic s Waste ardous Wast bent oil	e adopted	for both these ed Qty of Haza 1400 Qty	categories of w rdous Waste	astes. UOM	UOM Concentration of Ltr/A SOLD TO MPCB AUT Concentration of So	Hazardous Waste HORISED RECYCLE
indicate disp 1) Hazardou Type of Haza 5.1 Used or sp 2) Solid Was Type of Solid NA Part-G	oosal practic s Waste ardous Wast bent oil ste d Waste Gen	e Generat	for both these ed Qty of Haza 1400 Qty 0	categories of w rdous Waste of Solid Waste	astes. UOM NM3/MT	UOM Concentration of Ltr/A SOLD TO MPCB AUT Concentration of So	Hazardous Waste HORISED RECYCLE lid Waste
indicate disp 1) Hazardou Type of Haza 5.1 Used or sp 2) Solid Was Type of Solid NA Part-G Impact of the	oosal practic s Waste ardous Wast oent oil ste d Waste Gen e pollution (e adopted e Generat eerated	for both these ed Qty of Haza 1400 Qty 0	categories of w rdous Waste of Solid Waste	astes. UOM NM3/MT	UOM Concentration of A Ltr/A SOLD TO MPCB AUT Concentration of So NA	Hazardous Waste HORISED RECYCLE lid Waste
indicate disp 1) Hazardou Type of Haza 5.1 Used or sp 2) Solid Was Type of Solid NA Part-G Impact of the production.	e pollution (Reduction / Water	ie adopted ie Generati herated Control me in Re & :	for both these ed Qty of Haza 1400 Qty 0 asures taken or duction in Fuel Solvent	categories of w rdous Waste of Solid Waste n conservation o Reduction in Raw Material	UOM NM3/MT of natural reso Reduction in Power	UOM Concentration of A Ltr/A SOLD TO MPCB AUT Concentration of So NA Durces and consequently of Capital F Investment(in M	Hazardous Waste HORISED RECYCLE lid Waste
indicate disp 1) Hazardou Type of Haza 5.1 Used or sp 2) Solid Was Type of Solid NA Part-G Impact of the production.	oosal practic s <u>Waste</u> ardous Wast bent oil ste d Waste Gen e pollution (Reduction)	te adopted te Generat herated Control me in Re & Son Co	for both these ed Qty of Haza 1400 Qty 0 asures taken or duction in Fuel	categories of w rdous Waste of Solid Waste n conservation o Reduction in	UOM NM3/MT of natural reso Reduction in	UOM Concentration of A Ltr/A SOLD TO MPCB AUT Concentration of So NA Durces and consequently of Capital F Investment(in M	Hazardous Waste HORISED RECYCLE lid Waste on the cost of Reduction in Maintenance(in

Part-H

Additional measures/investment proposal for environmental protection abatement of pollution, prevention of pollution.

[A] Investment made during the period of Enviro Statement	nmental	
Detail of measures for Environmental Protection	Environmental Protection Measures	on Capital Investment (Lacks)
ΝΑ	NA	0
[B] Investment Proposed for next Year		
Detail of measures for Environmental Protection	Environmental Protection Measures	Capital Investment (Lacks)
NA	NA	0
Part-I		

Any other particulars for improving the quality of the environment.

Particulars

The company is well aware of surrounding Environment. JSW Steel Limited has planted large number of trees in the plant premises as per the guidelines given by MPCB. We are maintaining the full-fledged Nursery managed by a qualified Horticulture Officers to develop plants for our in house requirement. Till date about 210911 Nos. big trees and 707740 Nos. small trees including innumerable flower bushes, ornamental trees etc. have been planted.

Name & Designation

DR.ANAND RAI VICE PRESIDENT(HOD ENVIRONMENT)

UAN No:

MPCB-ENVIRONMENT_STATEMENT-0000057600

Submitted On:



महाराष्ट्र प्रदूषण नियंत्रण मंडळ

FORM V (See Rule 14) Environmental Audit Report for the financial Year ending the 31st March 2023

Unique Application Number MPCB-ENVIRONMENT STATEMENT-0000059253

PART A

Company Information

Company Name JSW STEEL LIMITED (BLAST FURNACE PLANT)

Address GEETAPURAM DOLVI

Plot no 94,95,96,120,121,122,123

Capital Investment (In lakhs) 195655

Pincode 402107

Telephone Number 02143663200

Region SRO-Raigad II

Last Environmental statement submitted online yes

Consent Valid Upto

2022-12-31

Industry Category Primary (STC Code) & Secondary (STC Code)

Submitted Date 25-09-2023

Application UAN number 0000035084

Taluka PEN **Scale**

LARGE

Person Name DR.ANAND RAI

Fax Number 00000

Industry Category Red

Consent Number

Format 1.0/CAC- CELL /UAN NO.0000035084-17/CAC- 18040000347

Establishment Year

2000

Village DOLVI VILLAGE

City PEN

Designation VICE PRESIDENT (HOD-ENVIRONMENT)

Email anand.rai@jsw.in

Industry Type R53 Iron & Steel (involving processing from ore/ integrated steel plants) and or Sponge Iron units

Consent Issue Date

2018-02-07

Date of last environment statement submitted Sep 8 2022 12:00:00:000AM

Product Information			
Product Name	Consent Quantity	Actual Quantity	UOM
LIQUID METAL	3500000	3372102	MT/A
PULVERIZED DRY COAL	0900000	645506	MT/A
ELECTRICTY GENERATION(FROM TOP GAS RECOVERY TURBINE)	12	12	Mwh

Consent Quantity 1200000

Actual Quantity 1122566 **ИОМ** МТ/А

Part-B (Water & Raw Material Consumption)

1) Water Consumption in m3/day		
Water Consumption for	Consent Quantity in m3/day	Actual Quantity in m3/day
Process	16451.00	7623.50
Cooling	0.00	0.00
Domestic	48.00	44.00
All others	0.00	0.00
Total	16499.00	7667.50

2) Effluent Generation in CMD / MLD Particulars	Consent Quantity	Actual Quantity	UОМ
TRADE EFFLUENT	3916.86	3916.86	CMD
DOMASTIC EFFLUENT	38	34	CMD
TRADE EFFLUENT	3624	3624	CMD

2) Product Wise Process Water Consumption (cubic meter of process water per unit of product) Name of Products (Production)

Name of Products (Production)	During the Previous financial Year	During the current Financial year	UOM
LIQUID METAL /PIG IRON (M3/UNIT OF PRODUCT)	0856	0.784	MT/A

3) Raw Material Consumption	(Consumption of raw
material per unit of product)	
Name of Raw Materials	

Name of Raw Materials	During the Previous financial Year	During the current Financial year	UOM
СОКЕ	0.467	0.384	MT/A
IRON ORE	0.077	0.090	MT/A
PELLETS	0.666	1.012	MT/A
SINTER	1.22	.728	MT/A
QUARTZ	0.032	0.0023	MT/A
DOLOMITE	0.027	0.030	MT/A
LIME STONE	0.006	70.32	MT/A

4) Fuel Consumption Fuel Name **Consent quantity** Actual Quantity иом COKE 0 154929 Ton/Y NUT COKE 0 712114 Ton/Y PCI 0 2482599032 Ton/Y **BF GAS** 10492 NM3/Annum 0 COKE OVEN GAS 0 1500985 NM3/Annum NATURAL GAS 416463747 NM3/Annum 0 OXYGEN 136521053 NM3/Annum 0

Part-C

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

[A] Water					
Pollutants Detail	Quantity of Pollutants discharged (kL/day) Ouantity	Concentration of Pollutants discharged(Mg/Lit) Except PH,Temp,Colour Concentration	Percentage of variation from prescribed standards with reasons %variation	Standard	Popcon
	Quantity	Concentration	70 v di idli011	Stanuaru	Reason
NA	0	0	0	0	NA

[B]	Air	(Stack)

[B] AIr (Stack)					
Pollutants Detail	Quantity of Pollutants discharged (kL/day) Quantity	Concentration of Pollutants discharged(Mg/NM3) Concentration	Percentage of variation from prescribed standards with reasons %variation	Standard	Reason
STOCK HOUSE DE DUSTING SYSTEM STACK-I	66.7	15.8	68.45	50	NA
STOCK HOUSE DE DUSTING SYSTEM STACK-II	113.6	26.4	47.21	50	NA
STOVE STACK	201.0	11.8	76.41	50	NA
CAST HOUSE STACK	215.3	13.4	73.21	50	NA
BOILER STACK	16.8	19.9	60.17	50	NA
COAL INJUCTION PLANT STACK	69.7	32.8	34.33	50	NA

HAZARDOUS WASTES			
1) From Process Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	ИОМ
5.1 Used or spent oil	14200	16200	Ltr/A
5.2 Wastes or residues containing oil	4670	3195	Kg/Annum

2) From Pollution Control Facilities						
Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM			
0	0	0				

Part-E

SOLID WASTES			
1) From Process			
Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
BLAST FURNACE SLAG	1436782.2	83539	MT/A
COKE FINES	121832.44	270100	MT/A
OXIDE FINES	245105.56	282851	MT/A
SINTER FINES	628956.34	376485	MT/A

2) From Pollution Control Facilities Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	иом
DUST FROM GCP, DUST CATCHER	68976	13880.40	MT/A
WWTP SLUDGE	10611.86	95705	MT/A
FINES GENERATION FROM RAW MATERIALESP FINES	780459.20	8322.243	MT/A

3) Quantity Recycled or Re-utilized within the unit								
Waste Type	Total During Prev year	vious Financial	Total D year	Ouring Current Financial	иом			
0	0		0					
Part-F								
Please specify the characteristics(in t indicate disposal practice adopted for			lous as	well as solid wastes and				
1) Hazardous Waste Type of Hazardous Waste Conorated	Oty of Hazardous Wasta	ИОМ	Con	centration of Hazardous	Wasta			
Type of Hazardous Waste Generated5.1 Used or spent oil	16200	Ltr/A		TO MPCB ATHORISED REC				
5.2 Wastes or residues containing oil	3195	Kg/Annui	m USE[D IN FURNACE				
2) Solid Waste								
Type of Solid Waste Generated		Qty of Solid Waste	UOM	Concentration of Solid	Naste			
THE SOLID WASTE CONSIST OF BLAST FUR DUST CATCHER WWTP AND FINES GTHE S	, ,	1130883	Ton/Y	REUSED-IN SINTER PLANT SINTER MAKING	FOR			

Part-G

GENERATION FROM RAW M

Impact of the pollution Control measures taken on conservation of natural resources and consequently on the cost of production.

Description	Reduction in Water Consumption (M3/day)	Reduction in Fuel & Solvent Consumption (KL/day)	Reduction in Raw Material (Kg)		Capital Investment(in Lacs)	Reduction in Maintenance(in Lacs)
NA	0	0	0	0	195655	0

Part-H

[A] Investment made during the period of Enviro	nmental	
Statement		
Detail of measures for Environmental Protection	Environmental Protec Measures	tion Capital Investment (Lacks)
NA	NA	0
[B] Investment Proposed for next Year		
Detail of measures for Environmental Protection	Environmental Protection Measures	Capital Investment (Lacks)
NA	NA	0

Any other particulars for improving the quality of the environment.

Particulars

The company is well aware of surrounding Environment. JSW Steel Limited has planted large number of trees in the plant premises as per the guidelines given by MPCB. We are maintaining the full-fledged Nursery managed by a qualified Horticulture Officers to develop plants for our in house requirement. Till date about 210911 Nos. big trees and 707740 Nos. small trees including innumerable flower bushes, ornamental trees etc. have been planted.

Name & Designation

DR.ANAND RAI VICE PRESIDENT(HOD ENVIRONMENT)

UAN No:

MPCB-ENVIRONMENT_STATEMENT-0000059253

Submitted On:

Application UAN number

0000024109

Taluka

PFN

Scale

LARGE

00000

Red

2016

Person Name

DR.ANAND RAI

Fax Number

Industry Category

Consent Number

Establishment Year

Format 1.0/CAC=CELL /UAN

NO.0000024109=17/CAC- 1804000263



महाराष्ट्र प्रदूषण नियंत्रण मंडळ

FORM V (See Rule 14) Environmental Audit Report for the financial Year ending the 31st March 2023

Unique Application Number MPCB-ENVIRONMENT STATEMENT-0000058137

PART A

Company Information

Company Name JSW STEEL LIMITED (BILLET CASTER AND BAR MILL PLANT)

Address **GEETAPURAM DOLVI**

Plot no 1,15,56,60,71,77,91

Capital Investment (In lakhs) 102700

Pincode 402107

Telephone Number 02143663200

Region SRO-Raigad II

Last Environmental statement submitted online

yes

Consent Valid Upto

2022-05-31

Industry Category Primary (STC Code) & Secondary (STC Code)

Submitted Date 18-09-2023

Village DOLVI VILLAGE

City PEN

Designation VICE PRESIDENT (HOD-ENVIRONMENT)

Email anand.rai@jsw.in

Industry Type R53 Iron & Steel (involving processing from ore/ integrated steel plants) and or Sponge Iron units

Consent Issue Date

2018-02-07

Date of last environment statement submitted Aug 29 2022 12:00:00:000AM

Product Information			
Product Name	Consent Quantity	Actual Quantity	UOM
BILLET CASTER	1500000	1189158	MT/A
BAR	1400000	1126335	MT/A

NA

Consent Quantity 0

Actual Quantity 0

UOM NM3/Annum

Part-B (Water & Raw Material Consumption)

1) Water Consump Water Consumptio Process			Consent Qu 0.00	antity in	m3/da	-	ctu .00	al Quant	ity in m3/da	y
Cooling			8900.00	00 52.00						
Domestic			60.00				52.00			
All others			0.00							
Total			8960.00			2	942.	00		
2) Effluent General	tion in CMD / MLD									
Particulars TRADE EFFLUENT				Consen 1800	t Quan	-	Actu 1800	al Quant	tity	UOM CMD
DOMASTIC EFFLUENT				30		:	29			CMD
	ocess Water Consun	nption	(cubic meter of	process						
water per unit of p Name of Products					Duriı	ng the Previo	us	Durina	the current	UOI
					finan	cial Year		Financ	ial year	
BILLET CASTER BAR MILL (M3 UNIT OF PRODUCTION)					0931			0.720		MT//
3) Raw Material Co material per unit o	nsumption (Consum f product)	ption	of raw							
Name of Raw Mate				During financia		evious		ring the ancial ye		UOI
HOT METAL				1.012			1.2	02		MT/
BILLET				1.022			1.1	89		MT//
4) Fuel Consumption Fuel Name COKE OVEN GAS	on	C 0	onsent quantity		Actua 48253	l Quantity 881			UOM NM3/Annum	
BF GAS		0			72687	264		I	NM3/Annum	
Part-C										
	ed to environment/u	nit of o	output (Paramet	ter as sp	ecified	in the conse	nt is	sued)		
Detail I	Quantity of Pollutants lischarged (kL/day) Quantity	disc PH,1	centration of Pol harged(Mg/Lit) I Femp,Colour centration			Percentage from prescr standards v %variation	ibed	1		d Reaso
NA C)	0				0			0	NA
<u>[B] Air (Stack)</u> Pollutants Detail	Quantity of Pollutants discharged (kl Quantity	./day)	Concentration discharged(Mg Concentration		ants	Percentag from pres standards %variatio	crib 5 wit	ed		d Reaso
LADDLE HEATING Sta			12.5			75.04			50	NA
BAR MILL RE HEATIN	G 158.8		11.4			77.18			50	NA

1) From Process						
Hazardous Waste Type	ד	otal During Previous Finan	icial year	Total During	g Current Financial year	ИОМ
5.1 Used or spent oil		21800		8200		Ltr/A Kg/Annum
5.2 Wastes or residues containing oil		1395		4345		
2) From Pollution Control Fa	acilities					
Hazardous Waste Type	Total D	During Previous Financial year		Total During Current Financial year		UOM
D	0			0		
Part-E						
SOLID WASTES						
<u>1) From Process</u> Non Hazardous Waste Type		Total During Previous Final	ncial vear	Total Dur	ing Current Financial year	UON
SCALE FROM LADLE FURNACE(BLLET)				2854		MT/A
SCALE FROM BAR MILL		5029.7		7771.389		MT/A
2) From Pollution Control Fa						
Non Hazardous Waste Type SLUDGE FROM WWTP		Total During Previous Financial yea 900		ar Total During Current Financial year 600		• UOI МТ//
3) Quantity Recycled or Re-	utilized	within the				
unit Waste Type		Total Durin	a Provinus	Einancial T	otal During Current Financ	ial UON
		year	grievious		ear	
0		0		0		MT/A
Part-F						
Please specify the characte		n terms of concentration a for both these categories o		m) of hazardo	us as well as solid wastes a	and
indicate disposal practice a						
indicate disposal practice a 1) Hazardous Waste Type of Hazardous Waste G	enerate	-	•	UOM	Concentration of Hazardo	
indicate disposal practice a 1) Hazardous Waste Type of Hazardous Waste G 5.1 Used or spent oil		8200	9	Ltr/A	SOLD TO MPCB ATHORISED I	
indicate disposal practice a 1) Hazardous Waste Type of Hazardous Waste G		-	9	Ltr/A		
indicate disposal practice a 1) Hazardous Waste Type of Hazardous Waste G 5.1 Used or spent oil 5.2 Wastes or residues contain 2) Solid Waste	ing oil	8200 435		Ltr/A Kg/Annum	SOLD TO MPCB ATHORISED I USED IN FURNACE	
indicate disposal practice a 1) Hazardous Waste Type of Hazardous Waste G 5.1 Used or spent oil 5.2 Wastes or residues contain	ing oil	8200	иом с	Ltr/A Kg/Annum	SOLD TO MPCB ATHORISED I	RECYCLYE
indicate disposal practice a 1) Hazardous Waste Type of Hazardous Waste G 5.1 Used or spent oil 5.2 Wastes or residues contain 2) Solid Waste Type of Solid Waste Genera	ing oil	8200 435 Qty of Solid Waste	UOM C Ton/Y F	Ltr/A Kg/Annum Concentration REUSED-IN SINTI	SOLD TO MPCB ATHORISED I USED IN FURNACE of Solid Waste	RECYCLYE

Impact of the pollution Control measures taken on conservation of natural resources and consequently on the cost of production.

Description	Reduction in Water Consumption (M3/day)	Reduction in Fuel & Solvent Consumption (KL/day)	Reduction in Raw Material (Kg)		Capital Investment(in Lacs)	Reduction in Maintenance(in Lacs)
NA	0	0	0	0	102700	0

Part-H

[A] Investment made during the period of Environ	nmental	
Statement		
Detail of measures for Environmental Protection	Environmental Protectio Measures	on Capital Investment (Lacks)
NA	NA	0
[B] Investment Proposed for next Year		
Detail of measures for Environmental Protection	Environmental Protection Measures	Capital Investment (Lacks
NA	NA	0

Any other particulars for improving the quality of the environment.

Particulars

The company is well aware of surrounding Environment. JSW Steel Limited has planted large number of trees in the plant premises as per the guidelines given by MPCB. We are maintaining the full-fledged Nursery managed by a qualified Horticulture Officers to develop plants for our in house requirement. Till date about 210911 Nos. big trees and 707740 Nos. small trees including innumerable flower bushes, ornamental trees etc. have been planted.

Name & Designation

DR.ANAND RAI VICE PRESIDENT(HOD ENVIRONMENT)

UAN No:

MPCB-ENVIRONMENT_STATEMENT-0000058137

Submitted On:

Application UAN number



महाराष्ट्र प्रदूषण नियंत्रण मंडळ

FORM V (See Rule 14) Environmental Audit Report for the financial Year ending the 31st March 2023

Unique Application Number MPCB-ENVIRONMENT STATEMENT-0000059479

PART A

Company Information

Company Name JSW STEEL LIMITED (HOT STRIP MILL PLANT 3.5 MTPA)

Address GEETAPURAM DOLVI

Plot no 78-90

Capital Investment (In lakhs) 436792.5

Pincode 402107

Telephone Number 02143663200

Region SRO-Raigad II

Last Environmental statement submitted online ves

Consent Valid Upto

2023-04-30

Industry Category Primary (STC Code) & Secondary (STC Code)

0000045821 Taluka Village PFN DOLVI VILLAGE Scale City LARGE PEN Person Name Designation DR.ANAND RAI VICE PRESIDENT (HOD-ENVIRONMENT) Fax Number Email 00000 anand.rai@jsw.in Industry Category Industry Type R53 Iron & Steel (involving processing from Red ore/ integrated steel plants) and or Sponge Iron units **Consent Number Consent Issue Date** Format 1.0/CAC- CELL /UAN 2018-11-02 NO.0000045821-18/CAC- 1811000099 Establishment Year Date of last environment statement submitted 1996 Sep 22 2022 12:00:00:000AM

Product Information			
Product Name	Consent Quantity	Actual Quantity	UOM
HOT ROLLED COIL	3500000	3035330.26	MT/A
LIME/CALCINATED DOLOMITE	600	572.31	Ton/Ton
OXYGEN	36000	35578	MT/A

Consent Quantity

Actual Quantity

Submitted Date

0

0

MT/A

During the current

Financial year

0.972

UOM

MT/A

Part-B (Water & Raw Material Consumption)

1) Water Consumption in m3/day		
Water Consumption for	Consent Quantity in m3/day	Actual Quantity in m3/day
Process	0.00	0.00
Cooling	16140.00	9051.00
Domestic	310.00	308.00
All others	0.00	0.00
Total	16450.00	9359.00

2) Effluent Generation in CMD / MLD			
Particulars	Consent Quantity	Actual Quantity	UОМ
TRADE EFFLUENT	3408	3408	CMD
DOMASTIC EFFLUENT	240	240	CMD

0929

2) Product Wise Process Water Consumption (cubic meter of
process water per unit of product)Name of Products (Production)During the Previous
financial Year

HOT ROLLED COIL (M3/UNIT OF PRODUCT)

3) Raw Material Consumption (Consumption of raw material per unit of

product)			
Name of Raw Materials	During the Previous financial Year	During the current Financial year	UOM
METALLIC (DRI/HBI,HOTMETAL,SCRAPE	1.603	1.700	MT/A
FERRO & MICRO ALLOYS	0.014	0.017	MT/A
FLUXES LIKE LIME ,FLUX DOLO,RAW DOLOMITE CALCINATED BAUXITE,FLOURSPAR	0.141	0134	MT/A
ELECTRODES	0.0013	0.0013	MT/A
CARBURIZERS LIKE COKE BREEZE,NUT COKE,CPC	0.0069	0.0071	MT/A

4) Fuel Consumption			
Fuel Name	Consent quantity	Actual Quantity	UOM
COKE & CPC	0	21852	NM3/Annum
NITROGEN	0	118603109	
NATURAL GAS	0	16762878	NM3/Annum
OXYGEN	0	273951683	NM3/Annum
POWER	0	1060952147	Mwh

Part-C

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

[A] Water

Pollutants Detail Quantity of Pollutants discharged (kL/day) Quantity Concentration of Pollutants discharged(Mg/Lit) Except PH,Temp,Colour Concentration Percentage of variation from prescribed standards with reasons %variation

NA	
----	--

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
GAS CLEANING PLANT -1	312.7	9.1	90.95	100	NA
GAS CLEANING PLANT -2	291.1	8.4	91.58	100	NA
GAS CLEANING PLANT -3	49.8	7.6	92.38	100	NA
TUNNEL FURNACE -IA	6.1	12.3	87.75	100	NA
TUNNEL FURNACE -IB	4.8	10.0	90.01	100	NA
TUNNEL FURNACE -IIA	4.0	8.3	91.73	100	NA
TUNNEL FURNACE -IIB	4.8	9.0	91.01	100	NA
BOILER	1.5	1.8	98.25	100	NA
DRI -DEDUSTING SYSTEM	15.9	28	72.00	100	NA
KILN -I	21.8	16.3	83.73	100	NA
KILEN-II	19.6	17.4	82.55	100	NA
LIME STONE DEDUSTING SYSTEM for Klin I&II	3.1	6.6	93.40	100	NA
LIME DEDUSTING SYSTEM for Klin	9.7	18.1	81.87	100	NA

Part-D

HAZARDOUS WASTES 1) From Process Hazardous Waste Type		Total During Previous	Total During Current	UOM
		Financial year	Financial year	ltr/A
5.1 Used or spent oil		117400	100000	Ltr/A
5.2 Wastes or residues containing oil3.3 Sludge and filters contaminated with oil33.1 Empty barrels /containers /liners contaminated with hazardous chemicals /wastes35.3 Chemical sludge from waste water treatment		2000	1510 0.544 5787	Kg/Annum MT/A Nos./Y MT/A
		1.0		
		5787		
		6413	8981	
2) From Pollution Control	Facilities			
Hazardous Waste Type	Total During Previous Financial ye	ear Total During C	Current Financial year	UOM
0	0	0		
Part-E				
SOLID WASTES				
1) From Process				

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	иом
SKULL	35074	6453	MT/A
EAF SLAG & LF SLAG	1195458	1060718	MT/A

GCP DUST 1	136661		118628	3		MT/A
QUCK LIME	1089		2312			MT/A
2) From Pollution Control Faci	ilities					
Non Hazardous Waste Type	Total L	During Previous Financial	year To	tal During (Current Financial year	UOM
FINE SCALE FROM WWTP	6413		898	31		MT/A
3) Quantity Recycled or Re-ut	ilized within t	the				
<u>unit</u> Waste Type		Total During Previou year	s Financial	Total Du year	ring Current Financial	UOM
0		232867.6		1197092		MT/A
Part-F Please specify the characteris indicate disposal practice ado				zardous as	well as solid wastes and	4
		These categories of was	les.			
1) Hazardous Waste Type of Hazardous Waste Gen	erated Otv o	of Hazardous Waste	UON	1 Con	centration of Hazardous	Waste
5.1 Used or spent oil	1620		Ltr/A		D TO MPCB ATHORISED REC	
5.2 Wastes or residues containing	g oil 3195		Kg/A	nnum USEI	D IN FURNACE	
2) Solid Waste						
Type of Solid Waste Generate	d		Qty of Sol Waste	id UOM	Concentration of Solid	Waste
THE SOLID WASTE CONSIST OF B DUST CATCHER WWTP AND FINES FURNACE SLAG,DUST FROM GCP,	GTHE SOLID V	WASTE CONSIST OF BLAST	1130883	Ton/Y	REUSED-IN SINTER PLANT SINTER MAKING	FOR

Part-G

GENERATION FROM RAW M

Impact of the pollution Control measures taken on conservation of natural resources and consequently on the cost of production.

Description	Reduction in Water Consumption (M3/day)	Reduction in Fuel & Solvent Consumption (KL/day)	Reduction in Raw Material (Kg)		Capital Investment(in Lacs)	Reduction in Maintenance(in Lacs)
NA	0	0	0	0	195655	0

Part-H

NA

[A] Investment made during the period of Environmental Statement		
Detail of measures for Environmental Protection	Environmental Protection Measures	Capital Investment (Lacks)
ΝΑ	NA	0
[B] Investment Proposed for next Year Detail of measures for Environmental Protection Environmen	ntal Protection Measures	Capital Investment (Lacks)

0

NA

Any other particulars for improving the quality of the environment.

Particulars

The company is well aware of surrounding Environment. JSW Steel Limited has planted large number of trees in the plant premises as per the guidelines given by MPCB. We are maintaining the full-fledged Nursery managed by a qualified Horticulture Officers to develop plants for our in house requirement. Till date about 210911 Nos. big trees and 707740 Nos. small trees including innumerable flower bushes, ornamental trees etc. have been planted.

Name & Designation

DR.ANAND RAI VICE PRESIDENT(HOD ENVIRONMENT)

UAN No:

MPCB-ENVIRONMENT_STATEMENT-0000059479

Submitted On:



महाराष्ट्र प्रदूषण नियंत्रण मंडळ

FORM V (See Rule 14) Environmental Audit Report for the financial Year ending the 31st March 2023

Unique Application Number MPCB-ENVIRONMENT_STATEMENT-0000057476

PART A

Company Information

Company Name JSW STEEL LIMITED (LIME CALCINATION PLANT-3)

Address GEETAPURAM DOLVI

Plot no 107,108

Capital Investment (In lakhs) 7843

Pincode 402107

Telephone Number 02143663200

Region SRO-Raigad II

Last Environmental statement submitted online yes

Consent Valid Upto

2027-09-30

Industry Category Primary (STC Code) & Secondary (STC Code)

Submitted Date 13-09-2023

Application UAN number 00000148643

Taluka PEN

Scale LARGE

Person Name DR.ANAND RAI

Fax Number 0000000

Industry Category Orange

Consent Number

Format 1.0/CAC/UAN NO.0000148643/CR- 2301001897

Establishment Year

2013

Village DOLVI VILLAGE

City PEN

Designation VICE PRESIDENT (HOD-ENVIRONMENT)

Email anand.rai@jsw.in

Industry Type O43 Lime manufacturing (using lime kiln)

Consent Issue Date

2023-01-23

Date of last environment statement submitted Sep 2 2022 12:00:00:000AM

Product Information Product Name CALCINATED LIME	Consent Quantity 219154	Actual Quantity 182095.1	UOM Ton/Y
By-product Information By Product Name NA	Consent Quantity 0	Actual Quantity 0	UOM NM3/Annum

Part-B (Water & Raw Material Consumption)

<mark>[B] Air (Stack)</mark> Pollutants Detail	Quantity of Pollutants discharged	Concentration of discharged(Mg/N		Percentage variation find			
NA	0	0		0		0	NA
Pollutants Detail	Quantity of Pollutants discharged (kL/day) Quantity	Concentration of Pollut discharged(Mg/Lit) Exc PH,Temp,Colour Concentration		Percentage o from prescrib standards wi %variation	oed	Standard	
Pollution discharg [A] Water	ged to environment/ur	nit of output (Parameter	as specified	in the consen	t issued)		
Part-C							
RE LIQUIFIED NATU	RAL GAS	0	1306	51	1	NM3/Annum	
POWER		0	8857	.1	١	٩wh	
BF GAS		0	4148	9618	١	NM3/Annum	
Fuel Name COKE OVEN GAS		Consent quantity 0		al Quantity 5368		JOM NM3/Annum	
4) Fuel Consumpt	ion						
LIME STONE			2.13		2.23		MT,
Name of Raw Mat	erials		During the P financial Yea		During the Financial y		UO
3) Raw Material C per unit of produc	onsumption (Consum ct)	otion of raw material					
CALCINATED LIME(N	13/UNIT OF PRODUCT)		0022		0.023	-	MT
Name of Products	-			the Previous al Year	During t Financia	the current al year	UO
2) Product Wise F process water pe	Process Water Consum r unit of product)	ption (cubic meter of					
DOMESTIC EFFLUEN	IT	3		3		-	CMD
2) Effluent Genera Particulars	ation in CMD / MLD	C	onsent Quan	tity A	ctual Quan	titv	иом
Total		18.00		17	.00		
All others		0.00		0.0			
Cooling Domestic		14.00 4.00		13	.00		
Process		0.00	-	0.0			

	(kL/day)		with reasons		
	Quantity	Concentration	%variation	Standard	Reason
KILN-III	46.5	21.5	57.08	50	NA
K(LIME STONE DE DUSTING OF)KILN-III	8.8	11	78.0	50	NA
(LIME DEDUSTING SYSTEM OF)KILN-III	11.1	20.4	59.17	50	NA

HAZARDOUS WASTES					
1) From Process	al During Provinus Fi	inencial year Te	tal During	Current Einensiel voor	uom
Hazardous Waste Type Tot. 5.1 Used or spent oil 200		200	-	g Current Financial year	UOM Ltr/A
5.1 Used of spent on 200	0	200	0		LU/A
2) From Pollution Control Fa	cilities				
Hazardous Waste Type	Total During Previou	us Financial year T	otal Duri	ng Current Financial year	UOM
0	0	0			
Part-E					
SOLID WASTES					
1) From Process					
Non Hazardous Waste Type	Total During Previo	us Financial year	Total Duri	ing Current Financial year	иом
NA	0	()		MT/A
2) From Pollution Control Fa	cilities				
Non Hazardous Waste Type		Previous Financial year	Total	During Current Financial year	UОМ
NA	0	-	0	5	MT/A
3) Quantity Recycled or Re-u	utilized within the				
unit					
Waste Type		Total During Previous F year	inancial	Total During Current Financial year	UOM
0		0		0	MT/A
Part-F					
				dous as well as solid wastes and	

1) Hazardous Waste

Part-D

Type of Hazardous Waste Gener	rated Qty of Hazardous Waste	Qty of Hazardous Waste 2000		Concentration of Hazardous Waste
5.1 Used or spent oil	2000			SOLD TO MPCB AUTHORISED RECYCLER
2) Solid Waste				
Type of Solid Waste Generated	Qty of Solid Waste	UOM	Conc	entration of Solid Waste
CALCINATED LIME FINES	8378	Ton/Y	REUS	ED-IN SINTER PLANT FOR SINTER MAKING
WASTE GAS POWDER	2962.13	Ton/Y	REUS	ED-IN SINTER PLANT FOR SINTER MAKING
QUCK LIME	120028	Ton/Y	REUS	ED-IN SINTER PLANT FOR SINTER MAKING

Part-G

Impact of the pollution Control measures taken on conservation of natural resources and consequently on the cost of production.

Description	Reduction in Water Consumption (M3/day)	Reduction in Fuel & Solvent Consumption (KL/day)	Reduction in Raw Material (Kg)		Capital Investment(in Lacs)	Reduction in Maintenance(in Lacs)
NA	0	0	0	0	7843	0

Part-H

Additional measures/investment proposal for env [A] Investment made during the period of Environ Statement		ution, prevention of pollution.
Detail of measures for Environmental Protection	Environmental Protectio Measures	on Capital Investment (Lacks)
NA	NA	0
[B] Investment Proposed for next Year		
Detail of measures for Environmental Protection	Environmental Protection Measures	Capital Investment (Lacks)
NA	NA	0
Part-I		

Any other particulars for improving the quality of the environment.

Particulars

The company is well aware of surrounding Environment. JSW Steel Limited has planted large number of trees in the plant premises as per the guidelines given by MPCB. We are maintaining the full-fledged Nursery managed by a qualified Horticulture Officers to develop plants for our in house requirement. Till date about 210911 Nos. big trees and 707740 Nos. small trees including innumerable flower bushes, ornamental trees etc. have been planted.

Name & Designation

DR.ANAND RAI VICE PRESIDENT(HOD-ENVIRONMENT)

UAN No:

MPCB-ENVIRONMENT_STATEMENT-0000057476

Submitted On:

Application UAN number

0000046342

Taluka

PFN

Scale

LARGE

00000

Orange

2017

Person Name

DR.ANAND RAI

Fax Number

Industry Category

Consent Number

Format 1.0/CAC/UAN

Establishment Year



महाराष्ट्र प्रदूषण नियंत्रण मंडळ

FORM V (See Rule 14) Environmental Audit Report for the financial Year ending the 31st March 2023

Unique Application Number MPCB-ENVIRONMENT STATEMENT-0000057489

PART A

Company Information

Company Name JSW STEEL LIMITED (LIME CALCINATION PLANT-4)

Address GEETAPURAM DOLVI

Plot no 105,107

Capital Investment (In lakhs) 9754

Pincode 402107

Telephone Number 02143663200

Region SRO-Raigad II

Last Environmental statement submitted online yes

Consent Valid Upto

2023-03-31

Industry Category Primary (STC Code) & Secondary (STC Code) Submitted Date 13-09-2023

Village DOLVI VILLAGE

City PEN

Designation VICE PRESIDENT (HOD-ENVIRONMENT)

Email anand.rai@jsw.in

Industry Type O43 Lime manufacturing (using lime kiln)

Consent Issue Date

2018-10-23

Date of last environment statement submitted Sep 30 2022 12:00:00:000AM

Product Information Product Name CALCINATED LIME	Consent Quantity 219154	Actual Quantity 164950	UOM Ton/Y
By-product Information By Product Name NA	Consent Quantity 0	Actual Quantity 0	UOM NM3/Annum

NO.0000046342-18/CAC- 1810001260

Part-B (Water & Raw Material Consumption)

1) Water Consum Water Consumpt Process		Consent Quant 0.00	ity in m3/da	y Ac 0.0	tual Quantit y	y in m3/day	,
Cooling		288.00		12	0.00		
Domestic		4.00		4.0	00		
All others		0.00		0.0	00		
Total		292.00		12	4.00		
	ation in CMD / MLD						
Particulars DOMESTIC EFFLUER	NT	3	onsent Quan	itity A	Actual Quanti 3	-	UOM CMD
	Process Water Consum or unit of product)	ption (cubic meter of					
Name of Product				the Previous al Year		e current	UOM
CALCINATED LIME(I	M3/UNIT OF PRODUCT)		0224	ai tear	Financial 0.233	year	MT/A
3) Raw Material (per unit of produ	Consumption (Consum	ption of raw material					
Name of Raw Ma			During the P		During the c		UOM
LIME STONE			financial Yea 2.13	Ir	Financial ye 2.22	ar	MT/A
4) Fuel Consump	tion						
Fuel Name COKE OVEN GAS		Consent quantity 0		al Quantity 8337		DM M3/Annum	
BFGAS		0	3385	9349	N	43/Annum	
RE-LIQUIFIED NATU	IRAL GAS	0	1343	6	N	M3/Annum	
POWER		0	1122	3.5	M	wh	
Part-C							
Pollution dischar [A] Water	ged to environment/ur	nit of output (Parameter a	as specified	in the consen	t issued)		
Pollutants Detail	Quantity of Pollutants discharged (kL/day) Quantity	Concentration of Polluta discharged(Mg/Lit) Exce PH,Temp,Colour Concentration		Percentage of from prescril standards wi %variation	bed	Standard	Reasor
NA	0	0		0		0	NA
[B] Air (Stack) Pollutants Detail	Quantity of Pollutants discharged (kL/day)	Concentration of I discharged(Mg/NN		from presc	e of variation ribed with reasons		
	Quantity	Concentration		%variation		Standard	
KILN-IV	31.2	18.8		87.46		150	NA

LIME STONE DEDUSTING OF KILN-IV

IV

LIME DEDUSTING OFKILN- 9.0

5.9

9.4

19.3

92.72

87.17

150

150

NA

NA

HAZARDOUS WASTES 1) From Process					
Hazardous Waste Type Total Duri	ing Previous Financial year	7	Total During	g Current Financial year	иом
5.1 Used or spent oil 2000			2000		Ltr/A
2) From Pollution Control Facilities	5				
Hazardous Waste Type Total	During Previous Financial ye	ear	Total Duri	ng Current Financial year	иом
0 0			0		
Part-E					
SOLID WASTES 1) From Process					
Non Hazardous Waste Type Total	During Previous Financial ve	ear	Total Duri	ing Current Financial year	иом
NA 0	,		0		MT/A
2) From Pollution Control Facilities	5				
Non Hazardous Waste Type	Total During Previous Fina	ancial yea	r Total	During Current Financial year	UOM
NA	0		0		MT/A
3) Quantity Recycled or Re-utilized	l within the				
unit					
Waste Type	Total During	g Previous	s Financial	-	UOM
0	year 0			year O	MT/A
Part-F					
Please specify the characteristics(indicate disposal practice adopted			m) of hazar	dous as well as solid wastes and	1
1) Hazardous Waste					
Type of Hazardous Waste Generat	ed Qty of Hazardous Waste		UO	M Concentration of Hazardous	Waste
5.1 Used or spent oil	2000		Ltr/	A SOLD TO MPCB AUTHORISED RE	CYCLER
2) Solid Waste					
Type of Solid Waste Generated	Qty of Solid Waste	UOM		ation of Solid Waste	
WASTE GAS POWDER	2702.64	Ton/Y	RE-USED I	N SINTER FOR SINTER MAKING	

Part-G

QUCK LIME

Part-D

Impact of the pollution Control measures taken on conservation of natural resources and consequently on the cost of production.

Ton/Y

RE-USED IN SINTER FOR SINTER MAKING

57058

Description	Reduction in Water Consumption (M3/day)	Reduction in Fuel & Solvent Consumption (KL/day)	Reduction in Raw Material (Kg)		Capital Investment(in Lacs)	Reduction in Maintenance(in Lacs)
NA	0	0	0	0	9754	0

Part-H

Additional measures/investment proposal for env [A] Investment made during the period of Environ Statement		lution, prevention of pollution.
Detail of measures for Environmental Protection	Environmental Protection Measures	on Capital Investment (Lacks)
NA	NA	0
[B] Investment Proposed for next Year		
Detail of measures for Environmental Protection	Environmental Protection Measures	Capital Investment (Lacks)
NA	NA	0

Any other particulars for improving the quality of the environment.

Particulars

The company is well aware of surrounding Environment. JSW Steel Limited has planted large number of trees in the plant premises as per the guidelines given by MPCB. We are maintaining the full-fledged Nursery managed by a qualified Horticulture Officers to develop plants for our in house requirement. Till date about 210911 Nos. big trees and 707740 Nos. small trees including innumerable flower bushes, ornamental trees etc. have been planted.

Name & Designation

DR.ANAND RAI VICE PRESIDENT(HOD ENVIRONMENT)

UAN No:

MPCB-ENVIRONMENT_STATEMENT-0000057489

Submitted On:



महाराष्ट्र प्रदूषण नियंत्रण मंडळ

FORM V (See Rule 14) Environmental Audit Report for the financial Year ending the 31st March 2023

Unique Application Number MPCB-ENVIRONMENT STATEMENT-0000061208

PART A

Company Information

Application UAN number Company Name JSW STEEL LIMITED PHASE II (INTEGREATED STEEL PLANT 5-10 0000136178 MTPA))

Address **GEETAPURAM DOLVI**

Plot no 42,43,50,44,45,54,55,56,33,32,38,49,75

Capital Investment (In lakhs) 1928700

Pincode 402107

Telephone Number 02143663200

Region SRO-Raigad II

Last Environmental statement submitted online yes

Consent Valid Upto

2023-04-30

Industry Category Primary (STC Code) & Secondary (STC Code)

Submitted Date 29-09-2023

Taluka

Scale LARGE

PFN

Person Name DR.ANAND RAI

Fax Number 00000

Industry Category Red

Consent Number Format 1.0/CAC /UAN NO.0000136178/CR- 230300

Establishment Year

2021

Village DOLVI VILLAGE

City PEN

Designation VICE PRESIDENT (HOD-ENVIRONMENT)

Email anand.rai@jsw.in

Industry Type R53 Iron & Steel (involving processing from ore/ integrated steel plants) and or Sponge Iron units

Consent Issue Date 2023-03-08

Date of last environment statement submitted Sep 29 2022 12:00:00:000AM

Product Information			
Product Name	Consent Quantity	Actual Quantity	UOM
CALCINATED LIME	1800	1573	Ton/Ton
PELLET	9000000	6004913	MT/A
CRUDE STEEL	6200000	4009783.54	MT/A
HOT ROLLED COIL	5000000	3573296	MT/A
LIQUID METAL	4500000	4126798	MT/A
POWER GENERATION	245	187.24	Mwh

ELECTRICAL POWER FROM TRT	37.25	21.93	Mwh
By-product Information By Product Name NA	Consent Quantity 0	Actual Quantity 0	UOM MT/A

Part-B (Water & Raw Material Consumption)

1) Water Consumption in m3/day		
Water Consumption for	Consent Quantity in m3/day	Actual Quantity in m3/day
Process	0.00	0.00
Cooling	88085.00	40221.00
Domestic	300.00	292.00
All others	73492.00	590.00
Total	161877.00	41103.00

2) Effluent Generation in CMD / MLD			
Particulars	Consent Quantity	Actual Quantity	UOM
TRADE EFFLUENT	19265	19265	CMD
DOMASTIC EFFLUENT	258	258	CMD

2) Product Wise Process Water Consumption (cubic meter of process water per unit of product)			
Name of Products (Production)	During the Previous financial Year	During the current Financial year	UOM
CALCINATED LIME (M3/UNIT OF PRODUCT)	0140	37.60	MT/A
PELLET (M3/UNIT OF PRODUCT)	0.181	0.122	MT/A
CRUDE STEEL (M3/UNIT OF PRODUCT)	1.288	0.599	MT/A
HOT ROLLED COIL (M3/UNIT OF PRODUCT)	0.384	0.421	MT/A
LIQUID METAL (M3/UNIT OF PRODUCT)	9.39	0.768	MT/A

иом

MT/A

3) Raw Material Consumption (Consumption of raw material per unit of product) Name of Raw Materials **During the Previous** During the current Financial financial Year year LIME STONE 2.99 453.44 PELLET 1.10 1.17 COKE 2.06 0.404 **IRON ORE** 0.551 0.045 PELLET 4.083 1.17 SINTER 3.163 0.691 0.007 QUARTZ 0.133 DOLOMITE 267.08 0.155 LIME STONE 0.104 0.041 COAL 0.380 0.0206 LIQUID STEEL 0.18 1.029 5.34 HOT METAL SLAB 1.122

4) Fuel Consumption			
Fuel Name	Consent quantity	Actual Quantity	иом
COKE & CPC	0	21852	NM3/Annum
NITROGEN	0	118603109	
NATURAL GAS	0	16762878	NM3/Annum
OXYGEN	0	273951683	NM3/Annum
POWER	0	1060952147	Mwh
LD GAS GENERATION	0	200676993	NM3/Annum
COKE OVEN GAS	0	34923669.93	SCM/Day
COKE	0	1669066.918	Ton/Y
PCI	0	769657.63	Ton/Y
NUT COKE	0	249847.771	Ton/Y
BF GAS	0	2975030590	NM3/Annum

Part-C

Pollution discharged to environment/unit of output (Parameter as specified in the consent issued) [A] Water								
Pollutants Detail			Percentage of variation from prescribed standards with reasons %variation		Standard	Reason		
NA	0		0		0		0	NA
[B] Air (Stack)								
Pollutants Det	ail	Pollut	arged	Concentration of Po discharged(Mg/NM		Percentage of variation from prescribed standards with reasons		
Kile E Charle		Quan	tity	Concentration		%variation	Standard	
Kiln -5 Stack		27.4		21.1		57.8	50	NA
Kiln -6 Stack		33.1		22.3		55.4	50	NA
Kiln -7 Stack		29.2		21.1		57.9	50	NA
PELLET-2 Proces	ss ESP Stack	1258.	4	26.4		47.2	50	NA
PELLET-2 De Du	sting ESP Stack	245.8		24.8		50.5	50	NA
PELLET-2 Storag	ge Bin Stack	64.4		21.3		57.5	50	NA
SMS-2 Secondar	ry De-Dusting Stack	531.0		24.3		51.5	50	NA
HSM-2 Reheatin	g Furnace Stack -1	124.1		17.6		64.8	50	NA
HSM-2 Reheatin	g Furnace Stack -2	23.5		15.9		68.3	50	NA
HSM-2 Fume Ex	haust Stack	39.5		17.4		65.1	50	NA
BF-2 Cast House	e Dedusting System	693.9		21.4		57.2	50	NA
BF-2 Stock Hous Stack-1	se De System	859.7		26.8		46.5	50	NA
BF-2 Stock Hous Stack-2	se De System	116.3		22.8		54.5	50	NA

BF-2 Stock House De System Stack-3	29.9	21.2	57.7	50	NA
BF-2 Coal Injection Stack	139.2	24.1	51.8	50	NA
BF-2 Pig Iron Granulation Stack	23.4	17.5	65	50	NA
BF-2 Stove stack	137.4	15.1	49.6	50	NA
Boiler Stack 175 MW CPP	62.9	4.8	90.5	50	NA

Part-D

HAZARDOUS WASTES 1) From Process			
Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
5.1 Used or spent oil	0	57.800	KL/A
5.2 Wastes or residues containing oil	0	10500	Kg/Annum
3.3 Sludge and filters contaminated with oil	0	0.093	MT/A

2) From Pollution Control	Facilities		
Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
0	0	0	

Part-E

SOLID WASTES 1) From Process

1) From Process			
Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	иом
K R SLAG	0	21213	MT/A
LD SLAG+ SLAG FROM SMS	0	47871	MT/A
LHF/RDH SLAG	0	51033	MT/A
Bolder Slag generation from Dry Pit	0	118774	MT/A
Slag generation from SGP+GRANULATED SLAG FROM BF	0	1266123	MT/A
SCALE	0	8874	MT/A
REFRACTORY WASTE	0	10442	MT/A
TUNDISH SCALE	0	25523	MT/A
LADLE SKULL	0	12300	MT/A
METALIC SCRAPE	0	35000	MT/A
SCALE FROM LADLE HEATING FURNACE.	0	20	MT/A

2) From Pollution Control Facilities			
Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
CALCINATED LIME FINES	0	4265	MT/A
ESP & BAG FILTER DUST	0	19680	MT/A
BAG FILTER DUST	0	19200	MT/A
HSM SLADGE	0	101880	MT/A
BF DUST CATCHER FINES	0	66921	MT/A

BF GCP DUST	0	33450	MT/A
CAST HOUSE DE SYSTEM DUST	0	5380	MT/A
STOCK HOUSE DE SYSTEM DUST	0	5300	MT/A
SMS GCP FINES	0	100267	MT/A

3) Quantity Recycled or Re-utilized within the unit			
Waste Type	Total During Previous Financial year	Total During Current Financial year	иом
0	0	0	MT/A

Part-F

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

1)	Hazardous	; Waste	9	
T	ne of Haza	rdous	Waste	Genera

Type of Hazardous Waste Generated	Qty of Hazardous Waste	UOM	Concentration of Hazardous Waste
5.1 Used or spent oil	57.800	KL/A	SOLD TO MPCB ATHORISED RECYCLYER
5.2 Wastes or residues containing oil	10550	Kg/Annum	USED IN FURNACE
3.3 Sludge and filters contaminated with oil	0.093	Kg/Annum	USED IN FURNACE

2) Solid Waste

Type of Solid Waste Generated	Qty of Solid Waste	υом	Concentration of Solid Waste
K R SLAG	21213	Ton/Y	Used in Cement Plant
LD SLAG+ SLAG FROM SMS	47871	Ton/Y	Used in land development, Road making, Marine Structure & Sand
LHF/RDH SLAG	51033	Ton/Y	Used in Cement Plant
Bolder Slag generation from Dry Pit	118774	Ton/Y	Used in Cement Plant
Slag generation from SGP+GRANULATED SLAG FROM BF	1266123	Ton/Y	Used in Cement Plant
SCALE	8874	Ton/Y	Used at Sinter Plant for Sinter Making
REFRACTORY WASTE	10442	Ton/Y	Used in SMS
TUNDISH SCALE	25523	Ton/Y	Used in SMS
LADLE SKULL	12300	Ton/Y	Used in SMS
METALIC SCRAPE	35000	Ton/Y	Used in SMS
SCALE FROM LADLE HEATING FURNACE.	20	Ton/Y	Reuse in the Sinter / Pellet Plant
CALCINATED LIME FINES	4265	Ton/Y	Used at Sinter Plant for Sinter Making
ESP & BAG FILTER DUST	19680	Ton/Y	Used at Sinter Plant for Sinter Making
BAG FILTER DUST	19200	Ton/Y	Used at Sinter Plant for Sinter Making
HSM SLADGE	101880	Ton/Y	Used at Sinter / Pellet Plant
BF DUST CATCHER FINES	66921	Ton/Y	Used at Sinter Plant for Sinter Making
BF GCP DUST	33450	Ton/Y	Used at Sinter Plant for Sinter Making
CAST HOUSE DE SYSTEM DUST	5380	Ton/Y	Used at Sinter Plant for Sinter Making
STOCK HOUSE DE SYSTEM DUST	5300	Ton/Y	Used at Sinter Plant for Sinter Making
SMS GCP FINES	100267	Ton/Y	Used at Sinter / Pellet Plant

Part-G

Impact of the pollution Control measures taken on conservation of natural resources and consequently on the cost of production.

Description	Reduction in Water Consumption (M3/day)	Reduction in Fuel & Solvent Consumption (KL/day)	Reduction in Raw Material (Kg)	Reduction in Power Consumption (KWH)	Capital Investment(in Lacs)	Reduction in Maintenance(in Lacs)
NA	0	0	0	0	1928700	0

Part-H

[A] Investment made during the period of Environme Statement	ental	
Detail of measures for Environmental Protection	Environmental Protectio Measures	n Capital Investment (Lacks)
NA	NA	0
[B] Investment Proposed for next Year		
Detail of measures for Environmental Protection En	vironmental Protection Measures	Capital Investment (Lacks
NA NA	L .	0

Part-I

Any other particulars for improving the quality of the environment.

Particulars

The company is well aware of surrounding Environment. JSW Steel Limited has planted large number of trees in the plant premises as per the guidelines given by MPCB. We are maintaining the full-fledged Nursery managed by a qualified Horticulture Officers to develop plants for our in house requirement. Till date about 210911 Nos. big trees and 707740 Nos. small trees including innumerable flower bushes, ornamental trees etc. have been planted.

Name & Designation

DR.ANAND RAI VICE PRESIDENT(HOD ENVIRONMENT)

UAN No:

MPCB-ENVIRONMENT_STATEMENT-0000061208

Submitted On:



महाराष्ट्र प्रदूषण नियंत्रण मंडळ

FORM V (See Rule 14) Environmental Audit Report for the financial Year ending the 31st March 2023

Unique Application Number MPCB-ENVIRONMENT_STATEMENT-0000057612

PART A

Company Information

Company NameApplication UAN numberJSW STEEL LIMITED (READY MIX CONCRETE0000102768PLANTS)

Address GEETAPURAM DOLVI

Plot no 27 & 29

Capital Investment (In lakhs) 18003

Pincode 402107

Telephone Number 02143663200

Consent Valid Upto

& Secondary (STC Code)

Region SRO-Raigad II

2026-01-31

Last Environmental statement submitted online ves

Industry Category Primary (STC Code)

Format 1.0/CAC/UAN NO.0000102768/CR-2202000171

Establishment Year

Industry Category

Consent Number

2017

Taluka

PFN

Scale

LARGE

00000

Green

Person Name

DR.ANAND RAI

Fax Number

Submitted Date 14-09-2023

Village KHAR KHARAV VILLAGE

City PEN

Designation VICE PRESIDENT (HOD-ENVIRONMENT)

Email anand.rai@jsw.in

Industry Type G37 Ready mix cement concrete

Consent Issue Date

2022-02-02

Date of last environment statement submitted Aug 20 2022 12:00:0000AM

Product Information			
Product Name	Consent Quantity	Actual Quantity	UOM
READY MIX CONCRETE	823680	304534	MT/A
By-product Information			
By Product Name	Consent Quantity	Actual Quantity	UOM
NA	0	0	NM3/Annum

Part-B (Water & Raw Material Consumption)

Water Consumpti	ption in m3/day ion for	Consent Qua	ntitv	in m3/day	Actua	al Quantit	y in m3/day			
Process		275.00	,	·····,··· ,		260.00				
Cooling		0.00			0.00					
Domestic		8.00			7.00					
All others		1.00			1.00					
Total		284.00			268.0	0				
	ation in CMD / MLD									
Particulars TRADE EFFLUENT			Cons 0	ent Quantity	Actı 0	ual Quant	-	ОМ MD		
DOMESTIC EFFLUEN	ΝT		6.5		3			MD		
2) Product Wise F	Process Water Consum	ption (cubic meter of								
process water pe Name of Products	-	•		During the Previo		During th	o curront	UOM		
Name of Floudels	s (Froduction)			financial Year		During the Financial		001		
READY MIC CONCRE	ETE			0481		0.298		MT/A		
	Consumption (Consump	otion of raw material p	er uni	t of						
product) Name of Raw Mat	torials			During th	10	Durin	g the currei	,+ UON		
	criais			Previous Year			icial year	10 000		
CEMENT,AGGREATE	ES,MANUFACTURED SAND),ADMIXTURE & WATER		0.670		0.416		MT/A		
4) Fuel Consumpt	tion	Consent month		A sture of		_				
Fuel Name OIL		Consent quantit 0	у	Actual (126889	yuantity	/	UON Ltr/A			
Part-C										
	ged to environment/un	it of output (Paramete	er as s	pecified in the co	nsent is	sued)				
[A] Water Pollutants	Quantity of	Concentration of Poll	utant	s Percenta	age of v	ariation				
Detail	Pollutants discharged (kL/day)	discharged(Mg/Lit) Ex PH,Temp,Colour	cept	from pre standard						
	Quantity	Concentration		%variati		cusons	Standard	Reasor		
NA	0	0		0			0	NA		
[B] Air (Stack)										
Pollutants Detail	Quantity of Pollutants discharged (kL/day)	Concentration of Po discharged(Mg/NM3		from pre standard	scribed Is with I		.	_		
NA	Quantity 0	Concentration 0		% variati 0	on		Standard 0	Reasor 0		
	v	0		0			U	0		

0 0		0		Ltr/A
2) From Pollution Control F	acilities			
Hazardous Waste Type	Total During Previous Financial year	Total D	uring Current Financial year	UOM
0	0	0		
Part-E				
SOLID WASTES				
1) From Process		T		
	e Total During Previous Financial year		During Current Financial year	UOI
NA	0	0		MT//
2) From Pollution Control F	acilities			
Non Hazardous Waste Type	e Total During Previous Financial yea	ar Tot	tal During Current Financial year	UOI
NA	0	0		MT/
3) Quantity Recycled or Re	utilized within the			
unit				
Waste Type	Total During Previou year	ıs Financi	al Total During Current Financial year	UOI

Part-F

0

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

0

0

Type of Hazardous Waste Generated	Qty of Hazardous Waste	UOM	Concentration of Hazardous Wast
0	0	Ltr/A	NA
2) Solid Waste			
Type of Solid Waste Generated	Qty of Solid Waste	иом	Concentration of Solid Waste
	0	NM3/MT	NA

Part-G

Impact of the pollution Control measures taken on conservation of natural resources and consequently on the cost of production.

Description	Reduction in Water Consumption (M3/day)	Reduction in Fuel & Solvent Consumption (KL/day)	Reduction in Raw Material (Kg)		Capital Investment(in Lacs)	Reduction in Maintenance(in Lacs)
NA	0	0	0	0	666.18	0

Part-H

Additional measures/investment proposal for environmental protection abatement of pollution, prevention of pollution. [A] Investment made during the period of Environmental Statement Detail of measures for Environmental Protection **Environmental Protection** Capital Investment Measures

NA

MT/A

[B] Investment Proposed for next Year		
Detail of measures for Environmental Protection	Environmental Protection Measures	Capital Investment (Lacks)
NA	NA	0

Part-I

Any other particulars for improving the quality of the environment.

Particulars

The company is well aware of surrounding Environment. JSW Steel Limited has planted large number of trees in the plant premises as per the guidelines given by MPCB. We are maintaining the full-fledged Nursery managed by a qualified Horticulture Officers to develop plants for our in house requirement. Till date about 210911 Nos. big trees and 707740 Nos. small trees including innumerable flower bushes, ornamental trees etc. have been planted.

Name & Designation

DR.ANAND RAI VICE PRESIDENT(HOD ENVIRONMENT)

UAN No:

MPCB-ENVIRONMENT_STATEMENT-0000057612

Submitted On:





महाराष्ट्र प्रदूषण नियंत्रण मंडळ

FORM V (See Rule 14) Environmental Audit Report for the financial Year ending the 31st March 2023

Unique Application Number MPCB-ENVIRONMENT_STATEMENT-0000057870

PART A

Company Information

Company Name JSW SANJEEVANI HOSPITAL

Address GEETAPURM DOLVI

Plot no 63/3,68/2,68/3,70/4A,70/5A,70/5B

Capital Investment (In lakhs) 8999

Pincode 402107

Telephone Number 91670003541

Region SRO-Raigad II

Last Environmental statement submitted online Consent Number yes Format1.0/PSO/UAN

Consent Valid Upto

2027-02-14

Industry Category Primary (STC Code) & Secondary (STC Code)

Product Information Product Name HOSPITAL 73 BEDED	Consent Quantity 73	Actual Quantity 73	UOM Nos./Y
By-product Information By Product Name NA	Consent Quantity 0	Actual Quantity 0	UOM

Part-B (Water & Raw Material Consumption)



Village

WAVE

Citv

PEN

CEO

Email

other

Designation

Industry Type

2022-03-03

ashwini.saxena@jsw.in

Consent Issue Date

Person Name ASHIVANI SAXENA

Application UAN number

00000115993

Taluka

PEN

Scale

LARGE

Fax Number 02143277

Industry Category Green

Consent Number Format1.0/PSO/UAN No.00000115993/CO/2203000148

Establishment Year

2021

Date of last environment statement submitted

Sep 20 2022 12:00:00:000AM

1) From Process Hazardous Waste		Total During Pi year	revious Financial	Total Durin year	g Current Fi	nancial	UOM
Part-D HAZARDOUS WAS	STES						
NA	0	0	0			0	NA
NA	Pollutants discharged (kL/day) Quantity ^	discharged(Mg/NM Concentration	st %	rom prescribe tandards wit svariation		Standard	
[B] Air (Stack) Pollutants Detail	· ·	Concentration of Po		ercentage of			
NA	0	0	0			0	0
[A] Water Pollutants Detail	Quantity of Pollutants discharged (kL/day) Quantity	Concentration of Pol discharged(Mg/Lit) E PH,Temp,Colour Concentration	Except fi	Percentage of rom prescrib tandards wit 6variation	ed	Standard	Reaso
	ged to environment/un	it of output (Paramet	er as specified in	the consent	issued)		
Part-C							
Fuel Name DISEAL		Consent quant 47450	ity	Actual Qua 28687	ntity	UC Ltr	
4) Fuel Consumpt	tion						
NA			financial Year 0		Financial ye		CMD
3) Raw Material C per unit of produ Name of Raw Mat		otion of raw material	During the Pre	vious	During the c	urrent	UON
DOMESTIC SEWAGE	<u> </u>		8		8		CMD
<i>process water pe</i> Name of Products	r unit of product) s (Production)		During th financial	e Previous Year	During th Financial		UOM
	Process Water Consum	ption (cubic meter of					
Particulars TRADE EFFLUENT			Consent Quantit 5	y Ac 4.5	t ual Quantit 5	-	UOM CMD
	ation in CMD / MLD						
Total		28.00		25.	.00		
		8.00		7.0			
-							
Process Cooling Domestic All others		0.00 0.00 20.00 8.00		0.0 0.0 18. 7.0	0 00		
Procoss		0.00					

0	0		0		MT/A
Part-E					
SOLID WASTES					
1) From Process					
Non Hazardous Waste Type	Total During Prev	vious Financial year	Total Du	ring Current Financial year	UOM
NA	0		0		MT/A
2) From Pollution Control Fac	cilities				
Non Hazardous Waste Type	Total Dur	ing Previous Financial yea	r Total	During Current Financial year	UOM
0	0	-	0		MT/A
3) Quantity Recycled or Re-u unit	tilized within the				
Waste Type		Total During Previous year	s Financial	Total During Current Financia year	UOM
0		0		0	MT/A
Part-F					
Please specify the character indicate disposal practice ad			m) of haza	rdous as well as solid wastes an	d
1) Hazardous Waste					
Type of Hazardous Waste Ge	nerated	Qty of Hazardous Waste	UOM	Concentration of Hazardous	Waste
35.3 Chemical sludge from wast	e water treatment	630	Kg/Annı	ım NA	
2) Solid Waste					
Type of Solid Waste Generat	ed	Qty of Solid Waste	UOM	Concentration of Solid Waste	
NA		0	MT/A	NA	
Part-G					

Impact of the pollution Control measures taken on conservation of natural resources and consequently on the cost of production.

Description	Reduction in Water Consumption (M3/day)	Reduction in Fuel & Solvent Consumption (KL/day)	Reduction in Raw Material (Kg)		Capital Investment(in Lacs)	Reduction in Maintenance(in Lacs)
0	0	0	0	0	8999	0

Part-H

Additional measures/investment proposal for environmental	protection abatement of pollution	, prevention of pollution.
[A] Investment made during the period of Environmental		
Statement		
Detail of measures for Environmental Protection	Environmental Protection Measures	Capital Investment (Lacks)
NA	NA	0
[B] Investment Proposed for next Year		

[B] Investment Proposed for next Year Detail of measures for Environmental Protection Environme

Detail of measures for Environmental Protection	Environmental Protection Measures	Capital Investment (Lacks)
NA	NA	0

Any other particulars for improving the quality of the environment.

Particulars

The Hospital is well aware of surrounding Environment. JSW Sanjeevani hospital has planted large number of trees in the plant premises as per the guidelines given by MPCB.Till date about 550 Nos. big trees and 5500 Nos. small trees including innumerable flower bushes, ornamental trees etc. have been planted.

Name & Designation

Dr.Ashwini.Saxena CEO

UAN No:

MPCB-ENVIRONMENT_STATEMENT-0000057870

Submitted On:



महाराष्ट्र प्रदूषण नियंत्रण मंडळ

FORM V (See Rule 14) Environmental Audit Report for the financial Year ending the 31st March 2023

Unique Application Number MPCB-ENVIRONMENT STATEMENT-0000057834

PART A

Company Information

Company Name JSW STEEL LIMITED (SINTER PLANT I & II)

Address GEETAPURAM DOLVI

Plot no 3,4,5,6,7,14,15,16,50A,50B,56.

Capital Investment (In lakhs) 87100

Pincode 402107

Telephone Number 02143663200

Region SRO-Raigad II

Last Environmental statement submitted online yes

Consent Valid Upto

2023-12-31

Industry Category Primary (STC Code) & Secondary (STC Code)

Application UAN number 0000056996

Taluka ALIBAG

Scale LARGE

Person Name DR.ANAND RAI

Fax Number 00000

Industry Category Red

Consent Number

Format 1.0/CAC/UAN NO.0000056996-18/CAC-1810001260

Establishment Year

2005

Village JUIBAPUJI VILLAGE

Submitted Date

15-09-2023

City PEN

Designation VICE PRESIDENT (HOD-ENVIRONMENT)

Email anand.rai@jsw.in

Industry Type R53 Iron & Steel (involving processing from ore/ integrated steel plants) and or Sponge Iron units

Consent Issue Date

2019-01-10

Date of last environment statement submitted Sep 5 2022 12:00:00:000AM

Product Information			
Product Name	Consent Quantity	Actual Quantity	UOM
SINTER	5600000	5239841	Ton/Y
By-product Information			
By Product Name	Consent Quantity	Actual Quantity	UOM
NA	0	0	NM3/Annum

Part-B (Water & Raw Material Consumption)

[B] Air (Stack) Pollutants Detail	I 0	uantity of	Concentratio	n of	Percent	age of		
NA	Quantity 0	O O		9 0			o O	NA
Pollutants Detail	Quantity of Pollutants discharged (kL/day Quantity	discharge		fi S	Percentage of rom prescribe tandards with 6variation	ed	Standard	1 Rosco
Pollution dischai [A] Water	rged to environment/	unit of output	t (Parameter as s	pecified in	the consent	issued)		
Part-C								
POWER		0		21098	31		Mwh	
4) Fuel Consump Fuel Name COKE OVEN GAS	otion	Conse 0	ent quantity	Actua 8964	al Quantity		UOM NM3/Annum	1
KARNATAKA/MELFI	INES			0.072		0.131		MT/A
ORE FINES-FMG				0.094		0.016		MT/A
ORE FINES -ODISH	A (HIGH GRADE)			0.0277		0.054		MT/A
ORE FINES -ODISH	A (LOW GRADE)			0.271		0.190		MT/A
ORE FINES -ODISH	A (MEDIUM GRADE)			financial 0.152		Financia 0.126		MT/A
3) Raw Material unit of product) Name of Raw Ma	Consumption (Consu	mption of raw	r material per	Durina tl	he Previous	Durina t	the current	UOI
SINTER (M3/UNIT C	OF PRODUCT)			0125		0.111		MT/A
2) Product Wise process water pe Name of Product	Process Water Consu er unit of product) ts (Production)	Imption (cubio	c meter of	During the	e Previous Year	During ti Financia	he current I year	UON
DOMESTIC EFFLUE	NT		38.31		36			CMD
2) Effluent Gener Particulars TRADE EFFLUENT	ration in CMD / MLD		Conse 0	ent Quantit	r y Ac 0	tual Quant	-	UOM СMD
Total		84	450.90		1713	3.00		
All others		0.	.00		0.00			
Domestic		50	0.90		34.0	0		
Cooling			400.00		1679			
Water Consumpt Process	nption in m3/day tion for		onsent Quantity i .00	n m3/day	Acti 0.00		ty in m3/da	У

Quantity of Pollutants discharged (kL/day) Concentration of Pollutants discharged(Mg/NM3)

Percentage of variation from prescribed standards with reasons

	Quantity	Concentration	%variation	Standard	
Fuel Bag Filter Stack	27.1	25.9	48.17	50	NA
Flux ESP Stack	55.6	27.8	44.33	50	NA
Propotioning ESP Stack	74.5	34.9	30.17	50	NA
Main Stack	1168.1	46.9	6.21	50	NA
Product Sinter Sizing & Discharge End ESP Stack	631.3	46.7	6.70	50	NA
SINTER MACHINE & DEDUSTING AREA Main ESP STACK	1839.9	48.8	2.44	50	NA
Bag Filter- 1 (Flux/Fuel Crush Or Building	18.3	17.2	65.67	50	NA
Bag Filter- 2 (Flux/Fuel Screen Building)	15.5	23.6	52.83	50	NA
Bag Filter- 3(Near Sinter Product Screen Building)	14.1	27.6	44.83	50	NA
Bag Filter- 4 (Near Sinter Product Crusher & HLQRF)	14.5	27.8	044.50	50	NA
Bag Filter- 5 (Near Banker House & JHO8)	14.0	28.8	42.33	50	NA
Bag Filter- 6(Banker House)	12.8	16.5	67.00	50	NA
Bag Filter- 7 (Fuel Storage Crusher Building)	14.5	19.2	61.67	50	NA

Part-D

HAZARDOUS WASTES 1) From Process Hazardous Waste Type 5.1 Used or spent oil 5.2 Wastes or residues containing	12600	g Previous Financial year	Total 33000 2900	During Current Financial year	UOM Ltr/A
2) From Pollution Control Fa	acilities				
Hazardous Waste Type	Total During Pre	vious Financial year	Total Du	ring Current Financial year	UOM
0	0		0		
Part-E					
SOLID WASTES					
1) From Process	Total During Pre	vious Financial vear	Total Du	ring Current Financial year	иом
SINTER FINES	zardous Waste Type Total During Previous Financial year FINES 120969		771817.5		MT/A
2) From Pollution Control Fa	acilities				
Non Hazardous Waste Type	Total Dur	ring Previous Financial year	Tota	l During Current Financial year	UOM
ESP FINES	3897		2164	ŀ	MT/A
3) Quantity Recycled or Re-	utilized within the				
Waste Type		Total During Previous Find	ancial	Total During Current Financial	иом
		year		year	

Part-F

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

1) Hazardous Waste

	Qty of Hazardous Waste UOM Concentration of Hazardous V	Waste
	33000 Ltr/A SOLD TO MPCB ATHORISED RECY	YCLYER
2) Solid Waste	2900 Kg/Annum USED IN FURNACE	
Type of Solid Waste Generated Qty of Solid Waste UOM Concentration of Solid Waste	Qty of Solid Waste UOM Concentration of Solid Waste	
SINTER & ESP FINES 773981.5 Ton/Y REUSED-IN SINTER PLANT FOR SINT	773981.5 Ton/Y REUSED-IN SINTER PLANT FOR SINTER MAKING	

Part-G

Impact of the pollution Control measures taken on conservation of natural resources and consequently on the cost of production.

Description	n Reduction in Water Consumption (M3/day)	Reduction in Fuel & Solvent Consumption (KL/day)	Reduction in Raw Material (Kg)		Capital Investment(in Lacs)	Reduction in Maintenance(in Lacs)
NA	0	0	0	0	87100	0

Part-H

 Additional measures/investment proposal for environmental protection abatement of pollution, prevention of pollution.

 [A] Investment made during the period of Environmental

 Statement

 Detail of measures for Environmental Protection

 Environmental Protection Measures

 Capital Investment (Lacks)

 INSTALLATION OF MEROSE IN SINTER -2

 IMPROVE WORK ZONE & AMBIENT AIR QUALITY

 [B] Investment Proposed for next Year

Detail of measures for Environmental Protection	Environmental Protection Measures	Capital Investment (Lacks)
INSTALLATION OF MEROSE IN SINTER -1	IMPROVE WORK ZONE & AMBIENT AIR QUALITY	400

Part-I

Any other particulars for improving the quality of the environment.

Particulars

The company is well aware of surrounding Environment. JSW Steel Limited has planted large number of trees in the plant premises as per the guidelines given by MPCB. We are maintaining the full-fledged Nursery managed by a qualified Horticulture Officers to develop plants for our in house requirement. Till date about 210911 Nos. big trees and 707740 Nos. small trees including innumerable flower bushes, ornamental trees etc. have been planted.

Name & Designation

DR.ANAND RAI VICE PRESIDENT(HOD ENVIRONMENT)

UAN No: MPCB-ENVIRONMENT STATEMENT-0000057834

Submitted On: 15-09-2023