Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

FORM V

(See Rule 14)

Environmental Audit Report for the financial Year ending the 31st March 2023

Unique Application Number	***Submitted Date***
MPCB-ENVIRONMENT_STATEMENT-0000057199	11-09-2023

PART A

Company Information

Company Name	***Application UAN number***
JSW STEEL LIMITED (COKE OVEN PLANT II)BATTERY A& B(CAPACITY-1.5 MTPA	00001021477

Address

GEETAPURM DOLVI

Plot no	***Taluka***	***Village***
33,34,27,28	PEN	KHARKARAV VILLAGE
Capital Investment (In lakhs)	***Scale***	***City***
159700	LARGE	PEN
Pincode	***Person Name***	***Designation***
402107	DR.ANAND RAI	VICE PRESIDENT(HOD ENVIRONMENT)
Telephone Number	***Fax Number***	***Email***
02143277501	2143277542	anand.rai@jsw.in
Region	***Industry Category***	***Industry Type***
SRO-Raigad II	Red	R19 Coke making , liquefaction, coal tar distillation or fuel gas making
Last Environmental statement submitted online	***Consent Number***	***Consent Issue Date***
yes	Format 1.0/CAC/UAN NO.0000101988/CR- 2110000975	2021-10-21
Consent Valid Upto	***Establishment Year***	***Date of last environment statement submitted***
2022-12-31	2018	Sep 9 2022 12:00:00:000AM

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

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)

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	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	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

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

[A] Water

Pollutants Detail	Quantity of Pollutants discharged (kL/day)	Concentration of Pollutants discharged(Mg/Lit) Except PH,Temp,Colour	Percentage of variation from prescribed standards with reasons		
	Quantity	Concentration	%variation	Standard	Reason
NA	0	0	0	0	NA
1NA	0	0	0	0	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
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

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	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

SOLID WASTES

1) From Process

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
COKE BREEZE	0	32482	MT/A

2) From Pollution Control Facilities

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
Coal and Coke Dust From De-dusting system	0	3072.62	MT/A

3) Quantity Recycled or Re-utilized within the unit

Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
0	0	35554.62	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

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 Waste	UOM	Concentration of Solid Waste
Cock Breeze ,Coal and Coke Dust From De-dusting system	35554.62	Ton/Y	used 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)	Reduction in Power Consumption (KWH)	Capital Investment(in Lacs)	Reduction in Maintenance(in Lacs)
NA	0	0	0	0	159700	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

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:

11-09-2023

Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

FORM V

(See Rule 14)

Environmental Audit Report for the financial Year ending the 31st March 2023

Unique Application Number	***Submitted Date***
MPCB-ENVIRONMENT_STATEMENT-0000057192	11-09-2023

PART A

Company Information

Company Name	***Application UAN number***
JSW STEEL LIMITED (COKE OVEN PLANT II)BATTERY C& D(CAPACITY-1.5 MTPA	00001021477

Address

GEETAPURM DOLVI

Plot no	***Taluka***	***Village***
91 TO 113	PEN	KHARKARAV VILLAGE
Capital Investment (In lakhs)	***Scale***	***City***
183511	LARGE	PEN
Pincode	***Person Name***	***Designation***
402107	DR.ANAND RAI	VICE PRESIDENT(HOD ENVIRONMENT)
Telephone Number	***Fax Number***	***Email***
02143277501	2143277542	anand.rai@jsw.in
Region	***Industry Category***	***Industry Type***
SRO-Raigad II	Red	R53 Iron & Steel (involving processing from ore/ integrated steel plants) and or Sponge Iron units
Last Environmental statement submitted online	***Consent Number***	***Consent Issue Date***
no	Format 1.0/CAC/UAN NO.0000121477/CO 2209000929	2022-09-15
Consent Valid Upto	***Establishment Year***	***Date of last environment statement submitted***
2022-12-31	2021	Jan 1 1900 12:00:00:000AM

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

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

Benzol	18624	6666	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	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	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

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

[A] Water

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

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	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 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
COKE BREEZE	0	32482	MT/A

2) From Pollution Control Facilities

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
Coal and Coke Dust From De-dusting system	0	3072.62	MT/A

3) Quantity Recycled or Re-utilized within the unit

Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
0	0	35554.62	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

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 Waste	UOM	Concentration of Solid Waste
Cock Breeze ,Coal and Coke Dust From De-dusting system	35554.62	Ton/Y	used 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)	Reduction in Power Consumption (KWH)	Capital Investment(in Lacs)	Reduction in Maintenance(in Lacs)
NA	0	0	0	0	183511	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

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:

11-09-2023

Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

FORM V

(See Rule 14)

Environmental Audit Report for the financial Year ending the 31st March 2023

Unique Application Number	***Submitted Date***
MPCB-ENVIRONMENT_STATEMENT-0000057024	08-09-2023

PART A

Company Information

Company Name	***Application UAN number***	
AMBA RIVER COKE LIMITED(COKE OVEN PLANT)	0000137969	
Address		
GEETA PURAM DOLVI		
Plot no	***Taluka***	***Village***
18,19,20,21,35,37,38,40,41,42	ALIBAG	JUI BAPAJI DOLVI
Capital Investment (In lakhs)	***Scale***	***City***
104000	LARGE	PEN
Pincode	***Person Name***	***Designation***
402107	DR.ANAND RAI	VICE PRESIDENT (HOD-ENVIRONMENT)
Telephone Number	***Fax Number***	***Email***
9607971413	2173277542	anand.rai@jsw.in
Region	***Industry Category***	***Industry Type***
SRO-Raigad II	Red	R19 Coke making , liquefaction, coal tar distillation or fuel gas making
Last Environmental statement submitted online	***Consent Number***	***Consent Issue Date***
yes	Format 1.0 /CAC/UAN NO.0000137969/CR/2302000855	2022-02-13
Consent Valid Upto	***Establishment Year***	***Date of last environment statement submitted***
2024-05-31	2008	Sep 8 2022 12:00:00:000AM
Industry Category Primary (STC Code) & Secondary (STC Code)		

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)

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	7373.00	6103.54
Domestic	36.24	34.00
All others	0.00	0.00
Total	7409.24	6137.54

2) Effluent Generation in CMD / MLD

Particulars	Consent Quantity	Actual Quantity	UOM
TRADE EFFLUENT	2160	2150	CMD
DOMESTIC EFFLUENT	30	25	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
PELLET (M3/UNIT OF PRODUCT)	197	2.25	Qnt/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
Hard Coking coal	0.579	0.683	Ton/Y
Semi Hard coal	0.397	0.406	Ton/Y
PCI coal	0.109	0.089	Ton/Y
SECONDRY Hard Coking coal	0.229	0.207	Ton/Y
MCK/SMM/NAMOI	0.104	0.151	Ton/Y

4) Fuel Consumption

Fuel Name	Consent quantity	Actual Quantity	UOM
Coke Oven Gas(KM3)	0	206056.375	SCM/Hr
BF Gas (NM3)	0	24685704	SCM/Hr

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)	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	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

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

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	0	Ltr/A
5.2 Wastes or residues containing oil	483	180	Kg/Annum
13.4 Decanter tank tar sludge	68.05	57.80	Ton/Y

2) From Pollution Control Facilities

Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
0	0	0	Ton/Y

Part-E

SOLID WASTES

1) From Process

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
COKE BREEZE	16182	20125.42	Ton/Y

2) From Pollution Control Facilities

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
COAL AND COKE DUST	217.1	434.94	Ton/Y

3) Quantity Recycled or Re-utilized within the unit

Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
0	162399.1	20125.42	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.

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	send to MPCB Authorized Recycler
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 PLANT

2) Solid Waste

Type of Solid Waste Generated	Qty of Solid Waste	UOM	Concentration of Solid Waste
COKE BREEZE3& COKE COAL DUST dust	20125.42	Ton/Y	100 % Recycled in COKE MAKING & COAL BLENDING 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	104000	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

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 DEPT.

UAN No:

MPCB-ENVIRONMENT_STATEMENT-0000057024

Submitted On:

08-09-2023

Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

FORM V

(See Rule 14)

Environmental Audit Report for the financial Year ending the 31st March 2023

Unique Application Number	***Submitted Date***
MPCB-ENVIRONMENT_STATEMENT-0000057046	08-09-2023

PART A

Company Information

Company Name	***Application UAN number***	
AMBA RIVER COKE LIMITED(PELLET PLANT)	0000147985	
Address		
GEETA PURAM DOLVI		
Plot no	***Taluka***	***Village***
1,8,9.10,11,12,13,46,47,49	ALIBAG	JUI BAPAJI DOLVI
Capital Investment (In lakhs)	***Scale***	***City***
119012	LARGE	PEN
Pincode	***Person Name***	***Designation***
402107	DR.ANAND RAI	VICE PRESIDENT (HOD-ENVIRONMENT)
Telephone Number	***Fax Number***	***Email***
9607971413	2173277542	anand.rai@jsw.in
Region	***Industry Category***	***Industry Type***
SRO-Raigad II	Red	R53 Iron & Steel (involving processing from ore/ integrated steel plants) and or Sponge Iron units
Last Environmental statement submitted online	***Consent Number***	***Consent Issue Date***
yes	Format 1.0 /CAC/UAN NO.0000147985/CR/2301001229	2023-01-12
Consent Valid Upto	***Establishment Year***	***Date of last environment statement submitted***
2027-09-30	2014	Aug 27 2022 12:00:00:000AM
Industry Category Primary (STC Code) & Secondary (STC Code)		

Product Information

Product Name	***Consent Quantity***	***Actual Quantity***	***UOM***
PELLET	4000000	3600710	Ton/Y

By-product Information

By Product Name	***Consent Quantity***	***Actual Quantity***	***UOM***
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)

Name of Products (Production)	During the Previous financial Year	During the current Financial year	UOM
PELLET (M3/UNIT OF PRODUCT)	0141	0.148	Qnt/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

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

[A] Water

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

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	10200	Ltr/A
5.2 Wastes or residues containing oil	1800	2100	Kg/Annum

2) From Pollution Control Facilities

Hazardous Waste Type	***Total During Previous Financial year***	***Total During Current Financial year***	***UOM***
0	0	0	Ton/Y

Part-E

SOLID WASTES

1) From Process

Non Hazardous Waste Type	***Total During Previous Financial year***	***Total During Current Financial year***	***UOM***
na	0	0	Ton/Y

2) From Pollution Control Facilities

Non Hazardous Waste Type	***Total During Previous Financial year***	***Total During Current Financial year***	***UOM***
DUST(ESP & Bag Filter)	28665	35573	Ton/Y

3) Quantity Recycled or Re-utilized within the unit

Waste Type	***Total During Previous Financial year***	***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.

1) Hazardous Waste

Type of Hazardous Waste Generated	Qty of Hazardous Waste	UOM	Concentration of Hazardous Waste
5.1 Used or spent oil	10200	Ltr/A	send to MPCB Authorized Recycler
5.2 Wastes or residues containing oil	2100	Kg/Annum	Used in Furnace

2) Solid Waste

Type of Solid Waste Generated	Qty of Solid Waste	UOM	Concentration of Solid Waste
DUST (ESP & Bag filter)	35573	Ton/Y	100 % Recycled in 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	119012	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

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 DEPT.

UAN No:

MPCB-ENVIRONMENT_STATEMENT-0000057046

Submitted On:

08-09-2023

Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

FORM V

(See Rule 14)

Environmental Audit Report for the financial Year ending the 31st March 2023

Unique Application Number	Submitted Date
MPCB-ENVIRONMENT_STATEMENT-0000057227	11-09-2023

PART A

Company Information

Company Name	Application UAN number	
HARSCO INDIA METALS PVT LTD	00001021477	
Address		
GEETAPURM DOLVI		
Plot no	**Taluka**	**Village**
12,13,14 & PART OF 6,11,16,17,18,19	PEN	KHARKARAV VILLAGE
Capital Investment (In lakhs)	**Scale**	**City**
9423.98	LARGE	PEN
Pincode	**Person Name**	**Designation**
402107	DR.ANAND RAI	VICE PRESIDENT(HOD ENVIRONMENT)
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 and 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	
Slag arising	852000	145988	
Large steel scarp	14400	7978	

By-product Information

By Product Name	Consent Quantity	Actual Quantity	UOM

NA	0	0	NM3/Annum

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	100.00	97.00
Cooling	10.00	9.00
Domestic	7.00	6.00
All others	0.00	0.00
Total	117.00	112.00

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 raw material per unit of product)

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	Consent quantity	Actual Quantity	UOM
NA	0	0	SCM/Hr

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)	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
1NA	0	0	0	0	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
METAL RECOVERY DUST SEPRATION STACK	9.1	49.4	1.23	150	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	0.285	6.8	KL/A
5.2 Wastes or residues containing oil	60	0	Kg/Annum
35.3 Chemical sludge from waste water treatment	0.54	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

SOLID WASTES

1) From Process

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
NA	0	0	MT/A

2) From Pollution Control Facilities

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
NA	0	0	MT/A

3) Quantity Recycled or Re-utilized within the unit

Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
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

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	Qty of Solid Waste	UOM	Concentration of Solid Waste
NA	0	Ton/Y	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)	Reduction in Power Consumption (KWH)	Capital Investment(in Lacs)	Reduction in Maintenance(in Lacs)
NA	0	0	0	0	9423	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

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-0000057227

Submitted On:

11-09-2023

Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

FORM V

(See Rule 14)

Environmental Audit Report for the financial Year ending the 31st March 2023

Unique Application Number	***Submitted Date***
MPCB-ENVIRONMENT_STATEMENT-0000058210	18-09-2023

PART A

Company Information

Company Name	***Application UAN number***	
JSW STEEL LIMITED (SPONGE IRON PLANT)	0000034884	
Address		
GEETAPURAM DOLVI		
Plot no	***Taluka***	***Village***
81,82,87,88,101,108,109,110	PEN	DOLVI VILLAGE
Capital Investment (In lakhs)	***Scale***	***City***
74617	LARGE	PEN
Pincode	***Person Name***	***Designation***
402107	DR.ANAND RAI	VICE PRESIDENT (HOD-ENVIRONMENT)
Telephone Number	***Fax Number***	***Email***
02143663200	00000	anand.rai@jsw.in
Region	***Industry Category***	***Industry Type***
SRO-Raigad II	Red	R53 Iron & Steel (involving processing from ore/ integrated steel plants) and or Sponge Iron units
Last Environmental statement submitted online	***Consent Number***	***Consent Issue Date***
yes	Format 1.0/CAC=CELL /UAN NO.0000034884-17/CAC- 18040000346	2018-02-07
Consent Valid Upto	***Establishment Year***	***Date of last environment statement submitted***
2022-12-31	1994	Aug 22 2022 12:00:00:000AM
Industry Category Primary (STC Code) & Secondary (STC Code)		

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)

1) Water Consumption in m3/day

Water Consumption for	Consent Quantity in m3/day	Actual Quantity in m3/day
Process	8000.00	3258.00
Cooling	0.00	0.00
Domestic	24.00	23.00
All others	0.00	0.00
Total	8024.00	3281.00

2) Effluent Generation in CMD / MLD

Particulars	Consent Quantity	Actual Quantity	UOM
TRADE EFFLUENT	3624	3624	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
DIRECT REDUCED IRON (M3/UNIT OF PRODUCT)	0875	0.856	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
NMDC BACHEL	197.93	.0044	MT/A
ARCL PELLET	0.66	1.268	MT/A
KIRANDUL LUMP	8.83	0.379	MT/A

4) Fuel Consumption

Fuel Name	Consent quantity	Actual Quantity	UOM
COKE OVEN GAS	0	92625	NM3/Annum
NATURAL GAS GAS	0	301033289	NM3/Annum
OXYGEN	0	5495509	NM3/Annum
NITROGEN	0	11314777	NM3/Annum
POWER	0	141431700	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)	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

[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

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 II	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

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	15800	27200	Ltr/A
5.2 Wastes or residues containing oil	1653	1617	Kg/Annum
3.3 Sludge and filters contaminated with oil	12	11	Nos./Y

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*
IRON ORE OXIDE FINES	266923	267841	MT/A

2) From Pollution Control Facilities

Non Hazardous Waste Type	*Total During Previous Financial year*	*Total During Current Financial year*	*UOM*
ETP SLUDGE	105624	109823	MT/A

3) Quantity Recycled or Re-utilized within the unit

Waste Type	*Total During Previous Financial year*	*Total During Current Financial year*	*UOM*
0	374509	377664	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

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

3.3 Sludge and filters contaminated with oil	11	Nos./Y	USED IN FURNACE

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)*	*Reduction in Power Consumption (KWH)*	*Capital Investment(in Lacs)*	*Reduction in Maintenance(in Lacs)*
NA	0	0	0	0	74617	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

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-0000058210

Submitted On:

18-09-2023

Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

FORM V

(See Rule 14)

Environmental Audit Report for the financial Year ending the 31st March 2023

Unique Application Number	***Submitted Date***
MPCB-ENVIRONMENT_STATEMENT-0000057600	14-09-2023

PART A

Company Information

Company Name	***Application UAN number***
JSW STEEL LIMITED (55 MW CAPTIVE POWER PLANT))	0000144072

Address

GEETAPURAM DOLVI

Plot no	***Taluka***	***Village***
129,130-A,130-B,131,132	PEN	KHAR KHARAV VILLAGE
Capital Investment (In lakhs)	***Scale***	***City***
18003	LARGE	PEN
Pincode	***Person Name***	***Designation***
402107	DR.ANAND RAI	VICE PRESIDENT (HOD-ENVIRONMENT)
Telephone Number	***Fax Number***	***Email***
02143663200	00000	anand.rai@jsw.in
Region	***Industry Category***	***Industry Type***
SRO-Raigad II	Red	R9 Power generation plant [except Wind and Solar renewable power plants of all capacities and Mini Hydel power plant of capacity <25MW]
Last Environmental statement submitted online	***Consent Number***	***Consent Issue Date***
yes	Format 1.0/CAC/UAN NO.0000144072/CR/2303001159	2023-03-16
Consent Valid Upto	***Establishment Year***	***Date of last environment statement submitted***
2027-08-31	2013	Aug 20 2022 12:00:00:000AM

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

Product Information

Product Name	***Consent Quantity***	***Actual Quantity***	***UOM***
Electricity Generation (Gas based Captive Power Plant)	55	51.13	Mwh

By-product Information

By Product Name	***Consent Quantity***	***Actual Quantity***	***UOM***
NA	0	0	NM3/Annum

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	4746.00	3078.74
Domestic	5.00	5.00
All others	10.00	10.00
Total	4761.00	3093.74

2) Effluent Generation in CMD / MLD

Particulars	Consent Quantity	Actual Quantity	UOM
TRADE EFFLUENT	991	991	CMD
DOMESTIC EFFLUENT	3	3	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
POWER GENERATION	0219	0.250	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
RAW WATER	0.219	0.250	MT/A

4) Fuel Consumption

Fuel Name	Consent quantity	Actual Quantity	UOM
COKE OVEN GAS	0	2186	NM3/Annum
BFGAS	0	133554	NM3/Annum
RE-LIQUIFIED NATURAL GAS	0	23	NM3/Annum

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)	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

[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
BOILER STACK	31.0	4.3	91.41	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	1200	1400	Ltr/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

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
NA	0	0	MT/A

2) From Pollution Control Facilities

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
NA	0	0	MT/A

3) Quantity Recycled or Re-utilized within the unit

Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
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

Type of Hazardous Waste Generated	Qty of Hazardous Waste	UOM	Concentration of Hazardous Waste
5.1 Used or spent oil	1400	Ltr/A	SOLD TO MPCB AUTHORISED RECYCLER

2) Solid Waste

Type of Solid Waste Generated	Qty of Solid Waste	UOM	Concentration of Solid Waste
NA	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)	Reduction in Power Consumption (KWH)	Capital Investment(in Lacs)	Reduction in Maintenance(in Lacs)
NA	0	0	0	0	18003	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

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:

14-09-2023

Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

FORM V

(See Rule 14)

Environmental Audit Report for the financial Year ending the 31st March 2023

Unique Application Number	***Submitted Date***
MPCB-ENVIRONMENT_STATEMENT-0000059253	25-09-2023

PART A

Company Information

Company Name	***Application UAN number***	
JSW STEEL LIMITED (BLAST FURNACE PLANT)	0000035084	
Address		
GEETAPURAM DOLVI		
Plot no	***Taluka***	***Village***
94,95,96,120,121,122,123	PEN	DOLVI VILLAGE
Capital Investment (In lakhs)	***Scale***	***City***
195655	LARGE	PEN
Pincode	***Person Name***	***Designation***
402107	DR.ANAND RAI	VICE PRESIDENT (HOD-ENVIRONMENT)
Telephone Number	***Fax Number***	***Email***
02143663200	00000	anand.rai@jsw.in
Region	***Industry Category***	***Industry Type***
SRO-Raigad II	Red	R53 Iron & Steel (involving processing from ore/ integrated steel plants) and or Sponge Iron units
Last Environmental statement submitted online	***Consent Number***	***Consent Issue Date***
yes	Format 1.0/CAC- CELL /UAN NO.0000035084-17/CAC- 18040000347	2018-02-07
Consent Valid Upto	***Establishment Year***	***Date of last environment statement submitted***
2022-12-31	2000	Sep 8 2022 12:00:00:000AM
Industry Category Primary (STC Code) & Secondary (STC Code)		

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

By-product Information

By Product Name	***Consent Quantity***	***Actual Quantity***	***UOM***
GRANULATED SLAG	1200000	1122566	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	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	UOM
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)	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	During the Previous financial Year	During the current Financial year	UOM
COKE	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	UOM
COKE	0	154929	Ton/Y
NUT COKE	0	712114	Ton/Y
PCI	0	2482599032	Ton/Y
BF GAS	0	10492	NM3/Annum
COKE OVEN GAS	0	1500985	NM3/Annum
NATURAL GAS	0	416463747	NM3/Annum
OXYGEN	0	136521053	NM3/Annum

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)	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

[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
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

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	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	UOM
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 Previous Financial year	Total During Current Financial year	UOM
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

Type of Hazardous Waste Generated	Qty of Hazardous Waste	UOM	Concentration of Hazardous Waste
5.1 Used or spent oil	16200	Ltr/A	SOLD TO MPCB ATHORISED RECYCLYER
5.2 Wastes or residues containing oil	3195	Kg/Annum	USED IN FURNACE

2) Solid Waste

Type of Solid Waste Generated	Qty of Solid Waste	UOM	Concentration of Solid Waste
THE SOLID WASTE CONSIST OF BLAST FURNACE SLAG,DUST FROM GCP, DUST CATCHER WWTP AND FINES GTHE SOLID WASTE CONSIST OF BLAST FURNACE SLAG,DUST FROM GCP, DUST CATCHER WWTP AND FINES GENERATION FROM RAW M	1130883	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)	Reduction in Power Consumption (KWH)	Capital Investment(in Lacs)	Reduction in Maintenance(in Lacs)
NA	0	0	0	0	195655	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

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-0000059253

Submitted On:

25-09-2023

Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

FORM V

(See Rule 14)

Environmental Audit Report for the financial Year ending the 31st March 2023

Unique Application Number	***Submitted Date***
MPCB-ENVIRONMENT_STATEMENT-0000058137	18-09-2023

PART A

Company Information

Company Name	***Application UAN number***
JSW STEEL LIMITED (BILLET CASTER AND BAR MILL PLANT)	0000024109

Address

GEETAPURAM DOLVI

Plot no	***Taluka***	***Village***
1,15,56,60,71,77,91	PEN	DOLVI VILLAGE
Capital Investment (In lakhs)	***Scale***	***City***
102700	LARGE	PEN
Pincode	***Person Name***	***Designation***
402107	DR.ANAND RAI	VICE PRESIDENT (HOD-ENVIRONMENT)
Telephone Number	***Fax Number***	***Email***
02143663200	00000	anand.rai@jsw.in
Region	***Industry Category***	***Industry Type***
SRO-Raigad II	Red	R53 Iron & Steel (involving processing from ore/ integrated steel plants) and or Sponge Iron units
Last Environmental statement submitted online	***Consent Number***	***Consent Issue Date***
yes	Format 1.0/CAC=CELL /UAN NO.0000024109=17/CAC- 1804000263	2018-02-07
Consent Valid Upto	***Establishment Year***	***Date of last environment statement submitted***
2022-05-31	2016	Aug 29 2022 12:00:00:000AM

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

Product Information

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

By-product Information

By Product Name	***Consent Quantity***	***Actual Quantity***	***UOM***
NA	0	0	NM3/Annum

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	8900.00	2890.00
Domestic	60.00	52.00
All others	0.00	0.00
Total	8960.00	2942.00

2) Effluent Generation in CMD / MLD

Particulars	Consent Quantity	Actual Quantity	UOM
TRADE EFFLUENT	1800	1800	CMD
DOMASTIC EFFLUENT	30	29	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
BILLET CASTER BAR MILL (M3 UNIT OF PRODUCTION)	0931	0.720	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
HOT METAL	1.012	1.202	MT/A
BILLET	1.022	1.189	MT/A

4) Fuel Consumption

Fuel Name	Consent quantity	Actual Quantity	UOM
COKE OVEN GAS	0	48253881	NM3/Annum
BF GAS	0	72687264	NM3/Annum

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)	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

[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
LADDLE HEATING Stack	49.4	12.5	75.04	50	NA
BAR MILL RE HEATING FURNACE STACK	158.8	11.4	77.18	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	21800	8200	Ltr/A
5.2 Wastes or residues containing oil	1395	4345	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
SCALE FROM LADLE FURNACE(BLLET)	3054.17	2854	MT/A
SCALE FROM BAR MILL	5029.7	7771.389	MT/A

2) From Pollution Control Facilities

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
SLUDGE FROM WWTP	900	600	MT/A

3) Quantity Recycled or Re-utilized within the unit

Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
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

Type of Hazardous Waste Generated	Qty of Hazardous Waste	UOM	Concentration of Hazardous Waste
5.1 Used or spent oil	8200	Ltr/A	SOLD TO MPCB ATHORISED RECYCLYER
5.2 Wastes or residues containing oil	435	Kg/Annum	USED IN FURNACE

2) Solid Waste

Type of Solid Waste Generated	Qty of Solid Waste	UOM	Concentration of Solid Waste
SCALE FROM BILLET CASTER	2854	Ton/Y	REUSED-IN SINTER PLANT FOR SINTER MAKING
SCALE FROM BAR MILL	7771.389	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)	Reduction in Power Consumption (KWH)	Capital Investment(in Lacs)	Reduction in Maintenance(in Lacs)
NA	0	0	0	0	102700	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

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-0000058137

Submitted On:

18-09-2023

Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

FORM V

(See Rule 14)

Environmental Audit Report for the financial Year ending the 31st March 2023

Unique Application Number	Submitted Date
MPCB-ENVIRONMENT_STATEMENT-0000059479	25-09-2023

PART A

Company Information

Company Name	Application UAN number
JSW STEEL LIMITED (HOT STRIP MILL PLANT 3.5 MTPA)	0000045821

Address

GEETAPURAM DOLVI

Plot no	Taluka	Village
78-90	PEN	DOLVI VILLAGE
Capital Investment (In lakhs)	**Scale**	**City**
436792.5	LARGE	PEN
Pincode	**Person Name**	**Designation**
402107	DR.ANAND RAI	VICE PRESIDENT (HOD-ENVIRONMENT)
Telephone Number	**Fax Number**	**Email**
02143663200	00000	anand.rai@jsw.in
Region	**Industry Category**	**Industry Type**
SRO-Raigad II	Red	R53 Iron & Steel (involving processing from ore/ integrated steel plants) and or Sponge Iron units
Last Environmental statement submitted online	**Consent Number**	**Consent Issue Date**
yes	Format 1.0/CAC- CELL /UAN NO.0000045821-18/CAC- 1811000099	2018-11-02
Consent Valid Upto	**Establishment Year**	**Date of last environment statement submitted**
2023-04-30	1996	Sep 22 2022 12:00:00:000AM

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

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

By-product Information

By Product Name	Consent Quantity	Actual Quantity	UOM

NA	0	0	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	UOM
TRADE EFFLUENT	3408	3408	CMD
DOMASTIC EFFLUENT	240	240	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
HOT ROLLED COIL (M3/UNIT OF PRODUCT)	0929	0.972	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
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	Standard	Reason

NA	0	0	0	0	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 I&II	9.7	18.1	81.87	100	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	117400	180000	Ltr/A
5.2 Wastes or residues containing oil	2000	1510	Kg/Annum
3.3 Sludge and filters contaminated with oil	1.0	0.544	MT/A
33.1 Empty barrels /containers /liners contaminated with hazardous chemicals /wastes	5787	5787	Nos./Y
35.3 Chemical sludge from waste water treatment	6413	8981	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

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

GCP DUST	136661	118628	MT/A
QUCK LIME	4089	2312	MT/A

2) From Pollution Control Facilities

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
FINE SCALE FROM WWTP	6413	8981	MT/A

3) Quantity Recycled or Re-utilized within the unit

Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
0	232867.6	1197092	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

Type of Hazardous Waste Generated	Qty of Hazardous Waste	UOM	Concentration of Hazardous Waste
5.1 Used or spent oil	16200	Ltr/A	SOLD TO MPCB ATHORISED RECYCLYER
5.2 Wastes or residues containing oil	3195	Kg/Annum	USED IN FURNACE

2) Solid Waste

Type of Solid Waste Generated	Qty of Solid Waste	UOM	Concentration of Solid Waste
THE SOLID WASTE CONSIST OF BLAST FURNACE SLAG,DUST FROM GCP, DUST CATCHER WWTP AND FINES GTHE SOLID WASTE CONSIST OF BLAST FURNACE SLAG,DUST FROM GCP, DUST CATCHER WWTP AND FINES GENERATION FROM RAW M	1130883	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)	Reduction in Power Consumption (KWH)	Capital Investment(in Lacs)	Reduction in Maintenance(in Lacs)
NA	0	0	0	0	195655	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

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-0000059479

Submitted On:

25-09-2023

Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

FORM V

(See Rule 14)

Environmental Audit Report for the financial Year ending the 31st March 2023

Unique Application Number	Submitted Date
MPCB-ENVIRONMENT_STATEMENT-0000057476	13-09-2023

PART A

Company Information

Company Name	Application UAN number	
JSW STEEL LIMITED (LIME CALCINATION PLANT-3)	00000148643	
Address		
GEETAPURAM DOLVI		
Plot no	**Taluka**	**Village**
107,108	PEN	DOLVI VILLAGE
Capital Investment (In lakhs)	**Scale**	**City**
7843	LARGE	PEN
Pincode	**Person Name**	**Designation**
402107	DR.ANAND RAI	VICE PRESIDENT (HOD-ENVIRONMENT)
Telephone Number	**Fax Number**	**Email**
02143663200	0000000	anand.rai@jsw.in
Region	**Industry Category**	**Industry Type**
SRO-Raigad II	Orange	O43 Lime manufacturing (using lime kiln)
Last Environmental statement submitted online	**Consent Number**	**Consent Issue Date**
yes	Format 1.0/CAC/UAN NO.0000148643/CR- 2301001897	2023-01-23
Consent Valid Upto	**Establishment Year**	**Date of last environment statement submitted**
2027-09-30	2013	Sep 2 2022 12:00:00:000AM
Industry Category Primary (STC Code) & Secondary (STC Code)		

Product Information

Product Name	Consent Quantity	Actual Quantity	UOM
CALCINATED LIME	219154	182095.1	Ton/Y

By-product Information

By Product Name	Consent Quantity	Actual Quantity	UOM
NA	0	0	NM3/Annum

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	14.00	13.00
Domestic	4.00	4.00
All others	0.00	0.00
Total	18.00	17.00

2) Effluent Generation in CMD / MLD

Particulars	Consent Quantity	Actual Quantity	UOM
DOMESTIC EFFLUENT	3	3	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)	0022	0.023	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
LIME STONE	2.13	2.23	MT/A

4) Fuel Consumption

Fuel Name	Consent quantity	Actual Quantity	UOM
COKE OVEN GAS	0	19915368	NM3/Annum
BF GAS	0	41489618	NM3/Annum
POWER	0	8857.1	Mwh
RE LIQUIFIED NATURAL GAS	0	13061	NM3/Annum

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)	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

[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
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

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	2000	2000	Ltr/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

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
NA	0	0	MT/A

2) From Pollution Control Facilities

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
NA	0	0	MT/A

3) Quantity Recycled or Re-utilized within the unit

Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
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

Type of Hazardous Waste Generated	Qty of Hazardous Waste	UOM	Concentration of Hazardous Waste
5.1 Used or spent oil	2000	Ltr/A	SOLD TO MPCB AUTHORISED RECYCLER

2) Solid Waste

Type of Solid Waste Generated	Qty of Solid Waste	UOM	Concentration of Solid Waste
CALCINATED LIME FINES	8378	Ton/Y	REUSED-IN SINTER PLANT FOR SINTER MAKING
WASTE GAS POWDER	2962.13	Ton/Y	REUSED-IN SINTER PLANT FOR SINTER MAKING
QUCK LIME	120028	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)	Reduction in Power Consumption (KWH)	Capital Investment(in Lacs)	Reduction in Maintenance(in Lacs)
NA	0	0	0	0	7843	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

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:

13-09-2023

Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

FORM V

(See Rule 14)

Environmental Audit Report for the financial Year ending the 31st March 2023

Unique Application Number	***Submitted Date***
MPCB-ENVIRONMENT_STATEMENT-0000057489	13-09-2023

PART A

Company Information

Company Name	***Application UAN number***	
JSW STEEL LIMITED (LIME CALCINATION PLANT-4)	0000046342	
Address		
GEETAPURAM DOLVI		
Plot no	***Taluka***	***Village***
105,107	PEN	DOLVI VILLAGE
Capital Investment (In lakhs)	***Scale***	***City***
9754	LARGE	PEN
Pincode	***Person Name***	***Designation***
402107	DR.ANAND RAI	VICE PRESIDENT (HOD-ENVIRONMENT)
Telephone Number	***Fax Number***	***Email***
02143663200	00000	anand.rai@jsw.in
Region	***Industry Category***	***Industry Type***
SRO-Raigad II	Orange	O43 Lime manufacturing (using lime kiln)
Last Environmental statement submitted online	***Consent Number***	***Consent Issue Date***
yes	Format 1.0/CAC/UAN NO.0000046342-18/CAC- 1810001260	2018-10-23
Consent Valid Upto	***Establishment Year***	***Date of last environment statement submitted***
2023-03-31	2017	Sep 30 2022 12:00:00:000AM
Industry Category Primary (STC Code) & Secondary (STC Code)		

Product Information

Product Name	***Consent Quantity***	***Actual Quantity***	***UOM***
CALCINATED LIME	219154	164950	Ton/Y

By-product Information

By Product Name	***Consent Quantity***	***Actual Quantity***	***UOM***
NA	0	0	NM3/Annum

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	288.00	120.00
Domestic	4.00	4.00
All others	0.00	0.00
Total	292.00	124.00

2) Effluent Generation in CMD / MLD

Particulars	Consent Quantity	Actual Quantity	UOM
DOMESTIC EFFLUENT	3	3	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)	0224	0.233	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
LIME STONE	2.13	2.22	MT/A

4) Fuel Consumption

Fuel Name	Consent quantity	Actual Quantity	UOM
COKE OVEN GAS	0	17078337	NM3/Annum
BFGAS	0	33859349	NM3/Annum
RE-LIQUIFIED NATURAL GAS	0	13436	NM3/Annum
POWER	0	11223.5	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)	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

[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
KILN-IV	31.2	18.8	87.46	150	NA
LIME STONE DEDUSTING OF KILN-IV	5.9	9.4	92.72	150	NA
LIME DEDUSTING OFKILN-IV	9.0	19.3	87.17	150	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	2000	2000	Ltr/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

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
NA	0	0	MT/A

2) From Pollution Control Facilities

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
NA	0	0	MT/A

3) Quantity Recycled or Re-utilized within the unit

Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
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

Type of Hazardous Waste Generated	Qty of Hazardous Waste	UOM	Concentration of Hazardous Waste
5.1 Used or spent oil	2000	Ltr/A	SOLD TO MPCB AUTHORISED RECYCLER

2) Solid Waste

Type of Solid Waste Generated	Qty of Solid Waste	UOM	Concentration of Solid Waste
WASTE GAS POWDER	2702.64	Ton/Y	RE-USED IN SINTER FOR SINTER MAKING
QUCK LIME	57058	Ton/Y	RE-USED IN SINTER 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)	Reduction in Power Consumption (KWH)	Capital Investment(in Lacs)	Reduction in Maintenance(in Lacs)
NA	0	0	0	0	9754	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

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-0000057489

Submitted On:

13-09-2023

Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

FORM V

(See Rule 14)

Environmental Audit Report for the financial Year ending the 31st March 2023

Unique Application Number	***Submitted Date***
MPCB-ENVIRONMENT_STATEMENT-0000061208	29-09-2023

PART A

Company Information

Company Name	***Application UAN number***	
JSW STEEL LIMITED PHASE II (INTEGREATED STEEL PLANT 5-10 MTPA))	0000136178	
Address		
GEETAPURAM DOLVI		
Plot no	***Taluka***	***Village***
42,43,50,44,45,54,55,56,33,32,38,49,75	PEN	DOLVI VILLAGE
Capital Investment (In lakhs)	***Scale***	***City***
1928700	LARGE	PEN
Pincode	***Person Name***	***Designation***
402107	DR.ANAND RAI	VICE PRESIDENT (HOD-ENVIRONMENT)
Telephone Number	***Fax Number***	***Email***
02143663200	00000	anand.rai@jsw.in
Region	***Industry Category***	***Industry Type***
SRO-Raigad II	Red	R53 Iron & Steel (involving processing from ore/ integrated steel plants) and or Sponge Iron units
Last Environmental statement submitted online	***Consent Number***	***Consent Issue Date***
yes	Format 1.0/CAC /UAN NO.0000136178/CR- 230300	2023-03-08
Consent Valid Upto	***Establishment Year***	***Date of last environment statement submitted***
2023-04-30	2021	Sep 29 2022 12:00:00:000AM
Industry Category Primary (STC Code) & Secondary (STC Code)		

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	Consent Quantity	Actual Quantity	UOM
NA	0	0	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

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
LIME STONE	2.99	453.44	MT/A
PELLET	1.10	1.17	MT/A
COKE	2.06	0.404	MT/A
IRON ORE	0.551	0.045	MT/A
PELLET	4.083	1.17	MT/A
SINTER	3.163	0.691	MT/A
QUARTZ	0.133	0.007	MT/A
DOLOMITE	0.155	267.08	MT/A
LIME STONE	0.104	0.041	MT/A
COAL	0.380	0.0206	MT/A
LIQUID STEEL	0.18	1.029	MT/A
HOT METAL SLAB	5.34	1.122	MT/A

Slag (EAF & LF Slag)	0.010	0.012	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
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	*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

[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*
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 Process ESP Stack	1258.4	26.4	47.2	50	NA
PELLET-2 De Dusting ESP Stack	245.8	24.8	50.5	50	NA
PELLET-2 Storage Bin Stack	64.4	21.3	57.5	50	NA
SMS-2 Secondary De-Dusting Stack	531.0	24.3	51.5	50	NA
HSM-2 Reheating Furnace Stack -1	124.1	17.6	64.8	50	NA
HSM-2 Reheating Furnace Stack -2	23.5	15.9	68.3	50	NA
HSM-2 Fume Exhaust Stack	39.5	17.4	65.1	50	NA
BF-2 Cast House Dedusting System	693.9	21.4	57.2	50	NA
BF-2 Stock House De System Stack-1	859.7	26.8	46.5	50	NA
BF-2 Stock House De System Stack-2	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

Non Hazardous Waste Type	*Total During Previous Financial year*	*Total During Current Financial year*	*UOM*
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*	*UOM*
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

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*	*UOM*	*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

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

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-0000061208

Submitted On:

29-09-2023

Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

FORM V

(See Rule 14)

Environmental Audit Report for the financial Year ending the 31st March 2023

Unique Application Number	***Submitted Date***
MPCB-ENVIRONMENT_STATEMENT-0000057612	14-09-2023

PART A

Company Information

Company Name	***Application UAN number***
JSW STEEL LIMITED (READY MIX CONCRETE PLANTS)	0000102768

Address

GEETAPURAM DOLVI

Plot no	***Taluka***	***Village***
27 & 29	PEN	KHAR KHARAV VILLAGE
Capital Investment (In lakhs)	***Scale***	***City***
18003	LARGE	PEN
Pincode	***Person Name***	***Designation***
402107	DR.ANAND RAI	VICE PRESIDENT (HOD-ENVIRONMENT)
Telephone Number	***Fax Number***	***Email***
02143663200	00000	anand.rai@jsw.in
Region	***Industry Category***	***Industry Type***
SRO-Raigad II	Green	G37 Ready mix cement concrete
Last Environmental statement submitted online	***Consent Number***	***Consent Issue Date***
yes	Format 1.0/CAC/UAN NO.0000102768/CR-2202000171	2022-02-02
Consent Valid Upto	***Establishment Year***	***Date of last environment statement submitted***
2026-01-31	2017	Aug 20 2022 12:00:00:000AM

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

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)

1) Water Consumption in m3/day

Water Consumption for	Consent Quantity in m3/day	Actual Quantity 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	268.00

2) Effluent Generation in CMD / MLD

Particulars	Consent Quantity	Actual Quantity	UOM
TRADE EFFLUENT	0	0	CMD
DOMESTIC EFFLUENT	6.5	3	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
READY MIC CONCRETE	0481	0.298	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
CEMENT,AGGREATES,MANUFACTURED SAND,ADMIXTURE & WATER	0.670	0.416	MT/A

4) Fuel Consumption

Fuel Name	Consent quantity	Actual Quantity	UOM
OIL	0	126889	Ltr/A

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)	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

[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
NA	0	0	0	0	0

Part-D

HAZARDOUS WASTES

1) From Process

Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM

0	0	0	Ltr/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

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
NA	0	0	MT/A

2) From Pollution Control Facilities

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
NA	0	0	MT/A

3) Quantity Recycled or Re-utilized within the unit

Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
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

Type of Hazardous Waste Generated	Qty of Hazardous Waste	UOM	Concentration of Hazardous Waste
0	0	Ltr/A	NA

2) Solid Waste

Type of Solid Waste Generated	Qty of Solid Waste	UOM	Concentration of Solid Waste
NA	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)	Reduction in Power Consumption (KWH)	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 Measures	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-0000057612

Submitted On:

14-09-2023

Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

FORM V

(See Rule 14)

Environmental Audit Report for the financial Year ending the 31st March 2023

Unique Application Number	***Submitted Date***
MPCB-ENVIRONMENT_STATEMENT-0000057870	15-09-2023

PART A

Company Information

Company Name	***Application UAN number***	
JSW SANJEEVANI HOSPITAL	00000115993	
Address		
GEETAPURM DOLVI		
Plot no	***Taluka***	***Village***
63/3,68/2,68/3,70/4A,70/5A,70/5B	PEN	WAVE
Capital Investment (In lakhs)	***Scale***	***City***
8999	LARGE	PEN
Pincode	***Person Name***	***Designation***
402107	ASHIVANI SAXENA	CEO
Telephone Number	***Fax Number***	***Email***
91670003541	02143277	ashwini.saxena@jsw.in
Region	***Industry Category***	***Industry Type***
SRO-Raigad II	Green	other
Last Environmental statement submitted online	***Consent Number***	***Consent Issue Date***
yes	Format1.0/PSO/UAN No.00000115993/CO/2203000148	2022-03-03
Consent Valid Upto	***Establishment Year***	***Date of last environment statement submitted***
2027-02-14	2021	Sep 20 2022 12:00:00:000AM
Industry Category Primary (STC Code) & Secondary (STC Code)		

Product Information

Product Name	***Consent Quantity***	***Actual Quantity***	***UOM***
HOSPITAL 73 BEDED	73	73	Nos./Y

By-product Information

By Product Name	***Consent Quantity***	***Actual Quantity***	***UOM***
NA	0	0	

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	0.00	0.00
Domestic	20.00	18.00
All others	8.00	7.00
Total	28.00	25.00

2) Effluent Generation in CMD / MLD

Particulars	***Consent Quantity***	***Actual Quantity***	***UOM***
TRADE EFFLUENT	5	4.5	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***
DOMESTIC SEWAGE	8	8	CMD

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***
NA	0	0	CMD

4) Fuel Consumption

Fuel Name	***Consent quantity***	***Actual Quantity***	***UOM***
DISEAL	47450	28687	Ltr/A

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)***	***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	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***
NA	0	0	0	0	NA

Part-D

HAZARDOUS WASTES

1) From Process

Hazardous Waste Type	***Total During Previous Financial year***	***Total During Current Financial year***	***UOM***
35.3 Chemical sludge from waste water treatment	0	630	Kg/Annum

2) From Pollution Control Facilities

Hazardous Waste Type	***Total During Previous Financial year***	***Total During Current Financial year***	***UOM***

0	0	0	MT/A

Part-E

SOLID WASTES

1) From Process

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
NA	0	0	MT/A

2) From Pollution Control Facilities

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

3) Quantity Recycled or Re-utilized within the unit

Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
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

Type of Hazardous Waste Generated	Qty of Hazardous Waste	UOM	Concentration of Hazardous Waste
35.3 Chemical sludge from waste water treatment	630	Kg/Annum	NA

2) Solid Waste

Type of Solid Waste Generated	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)	Reduction in Power Consumption (KWH)	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

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 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:

15-09-2023

Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

FORM V

(See Rule 14)

Environmental Audit Report for the financial Year ending the 31st March 2023

Unique Application Number	***Submitted Date***
MPCB-ENVIRONMENT_STATEMENT-0000057834	15-09-2023

PART A

Company Information

Company Name	***Application UAN number***	
JSW STEEL LIMITED (SINTER PLANT I & II)	0000056996	
Address		
GEETAPURAM DOLVI		
Plot no	***Taluka***	***Village***
3,4,5,6,7,14,15,16,50A,50B,56.	ALIBAG	JUIBAPUJI VILLAGE
Capital Investment (In lakhs)	***Scale***	***City***
87100	LARGE	PEN
Pincode	***Person Name***	***Designation***
402107	DR.ANAND RAI	VICE PRESIDENT (HOD-ENVIRONMENT)
Telephone Number	***Fax Number***	***Email***
02143663200	00000	anand.rai@jsw.in
Region	***Industry Category***	***Industry Type***
SRO-Raigad II	Red	R53 Iron & Steel (involving processing from ore/ integrated steel plants) and or Sponge Iron units
Last Environmental statement submitted online	***Consent Number***	***Consent Issue Date***
yes	Format 1.0/CAC/UAN NO.0000056996-18/CAC-1810001260	2019-01-10
Consent Valid Upto	***Establishment Year***	***Date of last environment statement submitted***
2023-12-31	2005	Sep 5 2022 12:00:00:000AM
Industry Category Primary (STC Code) & Secondary (STC Code)		

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)

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	8400.00	1679.00
Domestic	50.90	34.00
All others	0.00	0.00
Total	8450.90	1713.00

2) Effluent Generation in CMD / MLD

Particulars	Consent Quantity	Actual Quantity	UOM
TRADE EFFLUENT	0	0	CMD
DOMESTIC EFFLUENT	38.31	36	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
SINTER (M3/UNIT OF PRODUCT)	0125	0.111	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
ORE FINES -ODISHA (MEDIUM GRADE)	0.152	0.126	MT/A
ORE FINES -ODISHA (LOW GRADE)	0.271	0.190	MT/A
ORE FINES -ODISHA (HIGH GRADE)	0.0277	0.054	MT/A
ORE FINES-FMG	0.094	0.016	MT/A
KARNATAKA/MELFINES	0.072	0.131	MT/A

4) Fuel Consumption

Fuel Name	Consent quantity	Actual Quantity	UOM
COKE OVEN GAS	0	8964	NM3/Annum
POWER	0	210981	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)	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

[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
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	Total During Previous Financial year	Total During Current Financial year	UOM
5.1 Used or spent oil	12600	33000	Ltr/A
5.2 Wastes or residues containing oil	1855	2900	

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
SINTER FINES	120969	771817.5	MT/A

2) From Pollution Control Facilities

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
ESP FINES	3897	2164	MT/A

3) Quantity Recycled or Re-utilized within the unit

Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
0	1204866	773981.5	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

Type of Hazardous Waste Generated	Qty of Hazardous Waste	UOM	Concentration of Hazardous Waste
5.1 Used or spent oil	33000	Ltr/A	SOLD TO MPCB ATHORISED RECYCLYER
5.2 Wastes or residues containing oil	2900	Kg/Annum	USED IN FURNACE

2) Solid Waste

Type of Solid Waste Generated	Qty of Solid Waste	UOM	Concentration of Solid Waste
SINTER & ESP FINES	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	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	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	500

[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