

**ENVIRONMENTAL STATEMENT
FOR THE YEAR 2022-23**

**Batching Plant
TATA STEEL UTILITIES AND INFRASTRUCTURE
SERVICES LTD.**

**Submitted by:
BATCHING PLANT
TATA STEEL UTILITIES AND INFRASTRUCTUE
SERVICES LTD.
JAMSHEDPUR-831001
JHARKHAND**

FORM-V

ENVIRONMENTAL STATEMENT REPORT FOR THE YEAR ENDING MARCH' 2023

PART-A

(i)	Name and address of the occupier of the industry / operation or process.	Mr. Rituraj Sinha Managing Director Tata Steel Utilities and Infrastructure Services Ltd S.B. Road, Northern Town, Bistupur, Jamshedpur - 831001, Jharkhand, India. Ph: 0657-2424219
(ii)	Industry Category	Green
	Primary (SIC code)	-
	Secondary (SIC Code)	-
(iii)	Production Capacity	1000 MT Per Day
(iv)	Year of establishment	2006
(v)	Date of last environmental statement submitted	26.09.2022 through e-mail.

PART-B

Water Consumption m ³ / Day	23 KL Per Day
Process	19 KL Per Day
Cooling	NA
Domestic	4 KL Per Day
Water Spraying	NA

PART-C

Name of the product	Process water consumption per unit of product output.	
	During the previous financial year 2021-2022	During the current financial year 2022-23
M 7.5	0.065 KL/Ton	0.065 KL/Ton
M 10	0.072 KL/Ton	0.072 KL/Ton
M 15	0.073 KL/Ton	0.073 KL/Ton
M 20	0.059 KL/Ton	0.059 KL/Ton
M 25	0.063 KL/Ton	0.063 KL/Ton
M 30	0.065 KL/Ton	0.065 KL/Ton
M 30P	0.070 KL/Ton	0.070 KL/Ton
M40	0.081 KL/Ton	0.081 KL/Ton
DLC	0.058 KL/Ton	0.058 KL/Ton

Raw Material Consumption:

Name of raw Material	Name of the products	Consumption of raw material per unit of output	
		During the previous financial year 2021-22	During the current financial year 2022-23
Aggregate 12.5 MM	M7.5	0.268 per ton	0.268 per ton
Aggregate 20 MM	M7.5	0.268 per ton	0.268 per ton
Sand	M7.5	0.332 per ton	0.332 per ton
Cement	M7.5	0.071 per ton	0.071 per ton
Aggregate 12.5 MM	M10	0..248 per ton	0..248 per ton
Aggregate 20 MM	M10	0.248 per ton	0.248 per ton
Sand	M10	0..333 per ton	0..333 per ton
Cement	M10	0..092 per ton	0..092 per ton
Aggregate 12.5 MM	M15	0.248 per ton	0.248 per ton
Aggregate 20 MM	M15	0..248 per ton	0..248 per ton
Sand	M15	0.307 per ton	0.307 per ton
Cement	M15	0..121 per ton	0..121 per ton
Aggregate 12.5 MM	M 20	0..229 per ton	0..229 per ton
Aggregate 20 MM	M 20	0..280 per ton	0..280 per ton
Sand	M 20	0..326 per ton	0..326 per ton
Cement	M 20	0..138 per ton	0..138 per ton
Aggregate 12.5 MM	M 25	0..225 per ton	0..225 per ton
Aggregate 20 MM	M 25	0..275 per ton	0..275 per ton
Sand	M 25	0..295 per ton	0..295 per ton
Cement	M 25	0..141 per ton	0..141 per ton
Aggregate 12.5 MM	M 30	0.117 per ton	0.117 per ton
Aggregate 20 MM	M 30	0.329 per ton	0.329 per ton
Sand	M 30	0.295 per ton	0.295 per ton
Cement	M 30	0.154 per ton	0.154 per ton
Aggregate 12.5 MM	M 40	0.188 per ton	0.188 per ton
Aggregate 20 MM	M 40	0.245 per ton	0.245 per ton
Sand	M 40	0.277 per ton	0.277 per ton
Cement	M 40	0.208 per ton	0.208 per ton
Aggregate 12.5 MM	DLC	0.253 per ton	0.253 per ton
Aggregate 20 MM	DLC	0.357 per ton	0.357 per ton
Sand	DLC	0.329 per ton	0.329 per ton
Cement	DLC	0.065 per ton	0.065 per ton

PART- C

POLLUTION DISCHARGED TO ENVIRONMENT /UNIT OF OUTPUT (PARAMETER AS SPECIFIED IN THE CONSENT ISSUED)

Applicable CTO's	Pollutants	Quantity of pollutants discharged (mass/day)	Concentrations of pollutants in discharged (Mass/volume)	Percentage of variation from prescribed standards with reasons
1. Batching Plant Unit	(A) Water	Test report attached	NA	NA
2. Raw Material Stock Yard	(B) Air	Test report attached	NA	NA
Recent report of Air and water quality is in process.				

PART- D

Hazardous Waste

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

Hazardous Waste	Total Quantity (Tonnes)*	
	During the previous Financial year (2021-22)	During the Current Financial year (2022-23)
(a) From Process		
	NA	NA
(b) From Pollution Control Facilities		
	NA	NA

*Unless mentioned otherwise

Part E

Solid Waste

Total Quality (t/year)	During the previous Financial year 2021-22	During the Current Financial year 2022-23
a) From process	NA	NA
b) From pollution Control facility	NA	NA
c) quantities recycled or reutilized	NA	NA
d) Solid Disposed	NA	NA

Part F

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

NA

PART- G

Impact of pollution control measures on conservation of natural resources and consequently on the cost of production	<ol style="list-style-type: none">1. Created 640 m² of green zone in front of batching plant.2. Decentralized Rainwater harvesting.3. Implementation of Total Productive Maintenance (TPM) in batching plant
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PART- H

Additional investment proposal for environment protection including abatement of pollution
<ul style="list-style-type: none">• Installation of Dust collection system(cement)• Tree Plantation 150 no

PART- I

Any other particulars for improving in respect of environmental protection and abatement of pollution.
<ul style="list-style-type: none">• Time based maintenance of dust suppression vehicle for abatement of air pollution in the vicinity.• Need based sprinkling of water for dust suppression outside the plant

Signature of Applicant