BALMUKUND
CEMENT & ROOFINGS PVT. LTD.
18, R. N. Mukherjee Road, (1st Floor), Kolkata-700 001
Ph.: 2248 6304/06, 4032 5000, Fax : 2213 7399
E-mail : balmukundcement@gmail.com
Website : www.bcrl.in
CIN : U26900BR2004PTC025152
GSTIN : 19AACCB9534B1ZT

05th May, 2023

The Member Secretary,
W.B. Pollution Control Board,
"Paribesh Bhawan", Sector-III,
Salt Lake,
Kolkata-700106

Sub: **Submission of Environmental Statement for the Financial Year ending on 31st March, 2023**

Sir,

We are submitting herewith enclosed our Environmental Statement for the Financial Year ending on 31st March, 2023 for your needful and record.

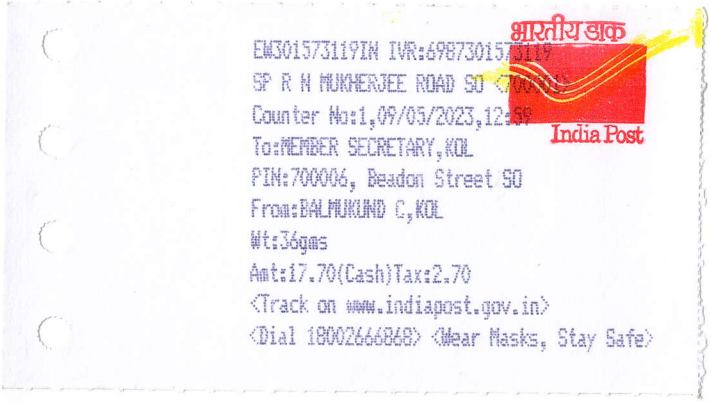
Thanking you,
Yours faithfully,
For **Balmukund Cement & Roofings Pvt. Ltd.**

Santosh Kumar

Authorized Signatory

Balmukund Cement & Roofings (P) Ltd.

Encl: As above



[FORM – V]

(See rule 14)

Environmental Statement for the financial year ending on the 31st March, 2023

PART – A

(i)	Name and address of the owner/ occupier of the industry operation or process	: **Balmukund Cement & Roofings Pvt. Ltd.** Village - Muldi, P.O. Nanduka, Raghunathpur, Dist. Purulia, W.B.- 723145
(ii)	Industry category Primary-(STC code) Secondary.-(SIC Code)	: Primary
(iii)	Production capacity.----Units----	: 1,50,000 TPA
(iv)	Year of establishment	: July, 2012
(v)	Date of the last environmental statement submitted	: 20/07/2022

PART – B

Water and River Material Consumption

(i) Water consumption m^3/d:

Process	: 80
Cooling	: -
Domestic	: 10

Name of Products	Process water consumption per unit of product output. During the previous financial Year	During the Current financial Year
	(1)	(2)
(1) Asbestos Cement Corrugated Roofing Sheet	0.155	0.155
(2)		
(3)		

1. Substituted by Rule 2 (b) of the Environment (Protection) Amendment Rules, 1993 notified vide G.S.R 3'6 (E) dated 22.04.1993.

ii) **Raw Material Consumption**

*Name of raw materials	Name of products	Consumption of raw material per Unit of output in MT	
		During the Previous financial year	During the current financial year
1. Chrysotile Asbestos Fibre		0.138	0.140
2. Fly Ash		0.300	0.330
3. Cotton Rag Pulp		0.005	0.017
4. Cement		0.480	0.480

*Industry may use codes if disclosing details of raw material would violate contractual obligations, otherwise all industries have to name the raw materials used.

PART - C

Pollution discharged to environment (based on March,2023 monitoring reports)
(Parameter as specified in the consent issued)

1) Pollutants	Quantity of pollutants discharged (mass-Nm^3/hr)	Concentrations of pollutants in discharge (mass-mg/Nm^3)	Percentage of variation from prescribed standards with reasons
a) Water	0	0	0
b) Air (Stack)			
Cement Feeding	2468	SPM-25 CO-<0.2%	0
Fly Ash Feeding	3144	SPM-35 CO-<0.2%	0 0
Fibre Mill	2819	SPM-1.41 CO-<0.2%	0 0
D.G. Set	1106	SPM-24 CO-<0.2% CO_2-0.00%	0 0 0

PART – D

Hazardous Wastes

(as specified under Hazardous Waste Management and Handling Rules, 1989)

Hazardous Waste	Total Quantity (Kg.)	
	During the previous Financial Year (kg)	During the current Financial year(kg)
a) From process	0	0
b) From pollution control facilities.	0	0
c) Others :		
D.G. Used Filter	0	0
Broken Asbestos Cement Sheet (Discarded Asbestos)	520	500
D.G. Used Oil	09 Liter	04 Liter

PART – E

Solid Wastes

	Total Quantity(Kg.)	
	During the previous Financial year(kg)	During the current financial year(kg)
(a) From process		
Sludge & Other Sediments	228	308
(b) Form pollution control facility		
(1) Quantity recycled or re-utilized within the unit :		
Cement Dust	2283	3083
Fly Ash Dust (From Pulse Jet Bag Filter)	404	546
Chrysotile Fibre Dust (From Bag Filter)	33	45
(All Re-utilized in manufacturing process within the unit)		
(2) Sold	0.000	
(3) Disposed	0.000	

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.

Wastes	Characteristics	Nature	Disposal through
D.G. Used Filter	Oily Filter Paper	Hazardous	NIL
Broken Asbestos Cement Sheet (Discarded Asbestos)	Roofings sheet contains its raw material and water	Hazardous	WBWML
D.G. Used Oil	Lubric	Hazardous	Used in smoothen machineries within premises.
Sludge & Other Sediments	Wet cement & Fly ash mixture	Non-Hazardous	Reused in process
Cement Dust	Cement contents	Non-Hazardous	Reused in process
Fly Ash Dust	Fly Ash	Non-Hazardous	Reused in process
Chrysotile Fibre Dust	Asbestos Fibre	Non-Hazardous	Reused in process

PART – G

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

Natural resources remains in its original form. Increases the cost of production.

PART – H

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

1. Asbestos fibre in pelletized form is being brought in impermeable bags under compressed condition.
2. We use only Chrysotile white asbestos fibre as raw material.
3. Installed fully automatic asbestos fibre debagging system
4. Appropriate height of stakes at cement feeding, fly ash feeding, fibre mill and DG Set and bag filters have been provided.
5. Conveyors (enclosed vertical lift) is used to avoid the manual transportation of asbestos within the premises.
6. Zero discharge is being maintained.
7. Monitoring of AAQ, NL, Fugitive Emission, Stake Emission and quality of domestic waste water is carried on quarterly basis and reports submitted to SPCB and MoEF, CPCB on six-monthly basis with EC Compliance.
8. Greenbelt developed.
9. Criteria Pollutant display board installed in public domain i.e. at the main entrance factory gate.

All measures taken for environmental protection on regular basis. Prompt attention is given on any directive received from MoEF/CPCB/WBPCB on additional measures for environmental protection.

PART – I

Any other particulars for improving the quality of the environment.

All pollution control devices has been provided and run properly. Greenbelt developed. House-keeping is maintained. Concrete road within the premises has been provided and kept neat and clean. Water sprinkling is being done. Other directive, if any, received from MoEF/CPCB/WBPCB for improving the quality of the environment will receive our prompt action.

For Balmukund Cement & Roofings Pvt. Ltd.

Balmukund Cement & Roofings (P) Ltd.

Santosh Kumar

Authorized Signatory