O/C

TAJ

Website: www.tajcement.com
CIN: U26942ML2003PLC007295

HCCL/FORMV/22-23/004 Date 29/06/22

To,

Member Secretary

Meghalaya State Pollution Control Board

ARDEN, Lumpyngngad

Shillong (Meghalaya) -793014

Sub: - Submission of Environmental Statement Form V of Cement Plant for the Year ending 31st March 2022

Dear Sir,

With reference to the subject mention above we would like to submit our Environmental Statement Form V of cement plant for the year ending 31st March 2022.

Kindly acknowledge the same and do the needful.

Thanking You

Your Faithfully

For **Hills Cement Company Limited**

HILLS CEMENT CO. LTD.
Authorised Signatory

Authorized Signatory

MEGHALAYA STATE POLLUTION CONTROL BOARD * SHILLONG * 30/6/22

Form – V

Environmental Statement for the financial year ending the 31st March 2022

(Cement Plant)

PART – A

1	Name and Address of the Owner/ Occupier of the Industry, Operation or Process	**Hills Cement Company Ltd., (Cement Plant)** 116 KM Stone, NH-44, Mynkree village, East Jaintia Hills, Meghalaya- 793200
2	Industry Category: Primary (STC Code), Secondary (SIC Code)	Clinker Manufacturing SIC Code 3241
3	Production Capacity	3000 TPD Cement 2500 TPD Clinker
4	Production during year 2020-21	377575.00 MT CLINKER 356610.44 MT CEMENT
5	Production during year 2021-22	356207.00 MT CLINKER 405840.53 MT CEMENT
6	Year of Establishment	2009
7	Date of the last Environmental Statement Submitted.	

PART – B

WATER AND RAW MATERIAL CONSUMPTION

(I) WATER CONSUMPTION (m^3/day)

a. Process : Nil

b. Cooling : Water used in the Cooling Tower of the plant is approximately 15 m^3/day.

c. Domestic : 3.5 m^3/ day

Water is also used for sprinkling to suppress airborne dust/greenbelt development, @25 m^3/day

SL. NO.	NAME OF PRODUCTS	PROCESS WATER CONSUMPTION PER UNIT OF PRODUCT OUTPUT	
		During the previous Financial Year (2020-21)	During the Current Financial Year (2021-22)
1	Cement & Clinker	Nil	Nil

(II) **RAW MATERIAL CONSUMPTION**

SL. NO.	NAME OF RAW MATERIAL*	NAME OF PRODUCT(S)	CONSUMPTION OF RAW MATERIAL PER UNIT OF OUTPUT	
			During the Previous Financial Year (2020-21)	During the Current Financial Year (2021-22)
1	Limestone	Clinker	1.26	1.26
2	Clay		0.05	0.05
3	Hills Sand		0.27	0.27
4	Shale		---	0.30
5	Fly Ash	Cement	0.185	0.185
6	Gypsum		---	---

**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 DISCHARGE TO ENVIRONMENT/UNIT OF OUTPUT

(PARAMETERS AS SPECIFIED IN THE CONSENT ISSUED)

SL NO.	POLLUTANTS	QUANTITY OF POLLUTANTS DISCHARGED			PERCENTAGE OF VARIATION FROM PRESCRIBED STANDARDS WITH REASONS
A	Water	NA			NA
B	Ambient Air	Name of the Station	Particulate Matters 10 Micron Size ($\mu g/m^3$)	Particulate Matters 2.5 Micron Size ($\mu g/m^3$)	Particulate matter values are well within the prescribed limits stipulated by concerned regulatory authorities.
		Near Crusher Area	51.78	28.15	
		Near Guest House	44.61	22.65	
		Near Cement Mill Compressor House	49.15	24.88	
C	Noise	Ambient Noise Levels are within prescribed limits for Industrial Areas			NA

PART – D

HAZARDOUS WASTES

[AS DISCUSSED UNDER HAZARDOUS WASTE – (MANAGEMENT, HANDLING & TRANSBOUNDARY MOVEMENT) RULES, 2008, AMENDED TILL DATE]

SL. NO.	HAZARDOUS WASTE	TOTAL QUANTITY	
		During the Previous Financial Year (2020-21)	During the Current Financial Year (2021-22)
A	From Process		
(i)	Used Oil	**1240 Lt**	**900 Lt.**
(ii)	Used Grease	**360 Kg.**	**NIL**
B	From Pollution Control Facilities	**NIL**	**NIL**

PART – E

SOLID WASTES

SL. NO.	SOLID WASTE	TOTAL QUANTITY (KG)	
		During the Previous Financial Year (2020-21)	During the Current Financial Year (2021-22)
A	From Process	Not applicable	Not applicable
B	From Pollution Control Facilities	**700**	**400**
C	Quantity Recycled or Reutilized	**700**	**400**

PART – F

[PLEASE SPECIFY THE CHARACTERIZATION (IN TERMS OF COMPOSITIONS & QUANTUM) OF HAZARDOUS AS WELL AS SOLID WASTES AND INDICATE DISPOSAL PRACTICE ADOPTED FOR THESE CATAGORIES OF WASTES]

SL. NO.	DESCRIPTION OF HAZARDOUS WASTE	QTY. OF WASTE GENERATED DURING THE YEAR 2021-22	DISPOSAL METHOD
1	Used/ Spent Oil	900 Litrs	Securely stored and re used.
2	Used Grease	NIL	

SL. NO.	DESCRIPTION OF SOLID WASTE	QTY. OF WASTE GENERATED DURING THE YEAR 2021-22	DISPOSAL METHOD
1	Solid Waste from Pollution Control Device	400	Recycled/Reused

PART – G

IMPACT OF THE POLLUTION ABATEMENT MEASURES TAKEN ON CONSERVATION OF NATURAL RESOURCES AND ON THE COST OF PRODUCTION

- Dust Collectors have been installed to control suspended particulate matter.
- Appropriate pollution control devices have been installed in all the stacks.
- Online continuous stack monitoring system has been installed.
- Regular sprinkling of water is also carried out to suppress ambient air-borne dust concentration.

PART – H

ADDITIONAL MEASURES / INVESTMENT PROPOSAL FOR ENVIRONMENTAL PROTECTION INCLUDING ABATEMENT OF POLLUTION / PREVENTION OF POLLUTION

- Plants of different variety are being planted to increase the green coverage of the area.
- Additional investments shall be made as and when necessary.

PART – I

ANY OTHER PARTICULARS FOR IMPROVING THE QUALITY OF THE ENVIRONMENT

- NA