

आर.पी.54
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भारतीय डाक विभाग

DEPARTMENT OF POSTS, INDIA

प्राप्ति स्वीकृति / ACKNOWLEDGEMENT

आज्ञा करें कि डाक के कारणान्त
* Strike out if not relevant

रजिस्ट्री-पत्र / पार्सल प्राप्त हुआ

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* बीमे का मूल्य रुपयों में

* Insured for Rupees

पाने वाले

The District Environment Engineer

Addressed to

Tamil Nadu Pollution Control Board

Pettai, Tirunelveli District

को/On



असिस्टेंट इंफॉर्मेशनल एंग. हे.
Tamil Nadu Pollution Control Board

10/2 SIDCO Industrial Estate
PETTAI
Tirunelveli

वितरण डाकधर की तारीख-मोहर

Date Stamp of office of delivery

हस्ताक्षर और नाम / Signature and Name

Date: 16-06-2022

RIL/ENV/TNPCB/22-23/1606

To

The District Environment Engineer
Tamil Nadu Pollution Control Board
Pettai, Tirunelveli.

Sub: Submitting Environmental Statement (Form V) for the financial year ending 31st March 2022.

Sir,

We are sending our plant Environmental Statement (Form V) for the financial year ending 31st March 2022 for your perusal records.

We request you kindly acknowledge the above.

Thanking you

Yours faithfully

For RAMCO INDUSTRIES LIMITED



T.VIJAYAKUMAR
Asst. General Manager

- Encl : 1. Form – V
2. Stack monitoring report
3. Hazardous waste details

FORM V

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

Part A

- i) Name and address of the owner/occupier of the industry operation or process.
- T. VIJAYAKUMAR
RAMCO INDUSTRIES LIMITED
PLOT NO. A-12,
SIPCOT INDUSTRIAL GROWTH CENTRE,
GANGAIKONDAN,
TIRUNELVELI – 627 352
RED LARGE
Asbestos Cement Products - 120000 MT PA
- ii) Industry category: Primary - (STC Code) / Secondary - (SIC Code).
- iii) Production capacity - Units -
- iv) Year of establishment. 2010
- v) Date of the last environmental statement submitted. 09.06.2021

Part B
Water and Raw Material Consumption

- i) Water consumption m³/d
- | | |
|------------------------|-------------------------------|
| Process | 78.0 m ³ /day |
| Green belt development | 10.0 m ³ /day |
| Domestic | 8.0 m ³ /day |
| Total | 96.0 m³/day |

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)	(2)
(1) A.C. Sheets & Accessories	0.31 KL	0.32 KL

FORM V

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

Raw Material Consumption

Name of Raw Materials	Name of Products	Consumption of raw materials per unit of output	
		During the current financial year 2020 - 2021	During the current financial year 2021 - 2022
1) CEMENT	Asbestos Cement Sheets & Accessories	0.338 MT	0.310 MT
2) ASBESTOS FIBER		0.067 MT	0.076 MT
3) FYLASH		0.260 MT	0.254 MT
4) PULP		0.015 MT	0.013 MT
5) SYNTHETIC FIBRE		0.004 MT	0.002 MT
6) SLAG		0.083 MT	0.095 MT

* 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/unit of output
(Parameter as specified in the 'Consent' issued)

C-1, WATER POLLUTION

(1) Pollutants	Quantity of pollutants discharged (Kg/day)	Concentrations of pollutants in discharges (mg/lit)	Percentage of variation from prescribed standards with reasons
- NOT APPLICABLE -			

FORM V

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

C-2, AIR POLLUTION

(1) Stack Attached to	Quantity of pollutants discharged (Kg/day)	Concentrations of pollutants in discharges (mg/m ³)			Percentage of variation from prescribed standards with reasons
		SPM	SO ₂	NO _x	
1. Asbestos Dust Collector	0.068	1.43	<1.0	<1.0	- within spec limits – - do –
2. Cement & Fly ash Dust Collector	1.304	26.57	<1.0	<1.0	- do –
3. DG Set 750 KVA	0.298	45.86	18.87	39.65	- do –
4. Pulverize Dust collector	0.089	1.30	<1.0	<1.0	- do-

Part D

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

Hazardous Waste	Total Quantity (kg.)	
	During the current financial year 2020-2021	During the current financial year 2021-2022
1) Asbestos Broken Sheets	540.50 MT	430.62 MT
2) Used Oil	165 Litres	150 Litres
3) Asbestos containing Residue	174 Kgs	185 Kgs

FORM V

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

Part E
SOLID WASTES

	Total Quantity in KGs	
	During the previous financial year 2020-21	During the current financial year 2021-22
(a) From process	616.68 MT	606.34 MT
(b) From pollution control facilities	NA	NA
(c) (1) Quantity recycled or re-utilized within the unit	616.68 MT	606.34 MT
(2) Sold	NIL	NIL
(3) Disposed	NIL	NIL

Part F

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

Description	Quantity (kg)	Constituent parameter with concentrations	Method of disposal
1) Asbestos Broken Sheets	80 MT/MONTH	15.2	Fully Recycled
2) Used Oil	300 Litres/Month	5.1	Recycled and to be disposed TNPGB Authorized vendor.
3) Asbestos containing Residue	20 Kg/Month	15.1	Fully Recycled

FORM V

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

Part G

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

Description	Expenditure in lacs	
	2020-2021	2021-2022
1) Water pollution	-	-
2) Air pollution	Rs. 487286.00	Rs. 696410.00
3) Hazardous / Solid waste management	Rs. 333823.00	Rs. 646782.00
4) Green belt development	Rs. 751923.00	Rs. 662305.00
5) Others	Rs. 81689.00	Rs. 46636.00

Part H

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

Description	Investment Projections	Estimated cost (lacs)	Year of Installation
1) Water pollution		-	-
2) Air pollution	DUST COLLECTOR, MOTOR SPARE	6.0	2022-23
3) Green belt development	ADDITIONAL PLANTATIONS	1.0	2022-23
4) Others			

FORM V

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

Part I

Any other particulars for improving the quality of the environment.

Green Belt Development.

We are developing 33% of the total land is converted as greenery with trees and Plantations.

Further 5-meter width of green belt is developing along with periphery of the plant.

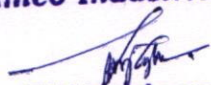
STACK EMISSION ANALYSIS REPORT FROM APRIL'21 TO MARCH'2022													
MONTH	FIBRE STACK			CEMENT & FLYASH STACK			DG SET STACK			PULVERIZER STACK			
	SPM	SO2	NO2	SPM	SO2	NO2	SPM	SO2	NO2	SPM	SO2	NO2	
April	1.6	<2.5	<5.0	21.8	<2.5	<5.0	49.6	13.2	28.5	1.0	<2.5	<5.0	
May	1.4	<1.0	<1.0	26.3	<1.0	<1.0	48.2	16.5	34.1	1.3	<1.0	<1.0	
June	1.2	<1.0	<1.0	29.5	<1.0	<1.0	48.9	17.5	36.2	1.1	<1.0	<1.0	
July	1.4	<1.0	<1.0	26.3	<1.0	<1.0	47.2	18.2	38.6	1.3	<1.0	<1.0	
August	1.6	<1.0	<1.0	25.1	<1.0	<1.0	48.2	23.6	49.5	1.5	<1.0	<1.0	
September	1.4	<1.0	<1.0	22.1	<1.0	<1.0	46.2	22.6	48.5	1.3	<1.0	<1.0	
October	1.2	<1.0	<1.0	21.6	<1.0	<1.0	44.1	23.3	49.5	1.2	<1.0	<1.0	
November	1.4	<1.0	<1.0	28.9	<1.0	<1.0	44.1	24.2	50.1	1.4	<1.0	<1.0	
December	1.7	<1.0	<1.0	26.3	<1.0	<1.0	46.5	14.2	31.9	1.1	<1.0	<1.0	
January	1.6	<1.0	<1.0	30.6	<1.0	<1.0	39.4	17.3	33.3	1.1		<1.0	
February	1.2	<1.0	<1.0	27.9	<1.0	<1.0	41.7	18.6	39.8	1.4	<1.0	<1.0	
March	1.5	<1.0	<1.0	32.5	<1.0	<1.0	46.3	17.3	35.9	1.6	<1.0	<1.0	

For Ramco Industries Limited


(T. Vijayakumar)
Asst. General Manager

HAZARDOUS WASTE DETAILS 2021-2022			
Month	Used Oil	Asbestos Containing residue	Asbestos Broken Sheets
April'21	0	14	35.81
May'21	0	16	23.12
June'21	0	18	52.74
July'21	0	15	34.60
August'21	150	17	40.92
September'21	0	14	33.98
October'21	0	18	48.00
November'21	0	12	16.52
December'21	0	16	54.23
January'22	0	14	20.61
February'22	0	16	37.81
March'22	0	15	32.28
Total	150	185	430.62

For Ramco Industries Limited


(T.Vijayakumar)
Asst. General Manager