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O/C

SHREE CEMENT LTD.

An ISO 9001, 14001, 45001 & 50001 Certified Company

Regd. Office:
BANGUR NAGAR, POST BOX NO.33, BEAWAR 305901, RAJASTHAN, INDIA

SCL/BWR/SPP-3/2021-22/ 7119

Date: 27/09/2021

To,

File No. P-130

The Member Secretary,
Rajasthan Pollution Control Board,
4, Institutional Area, Jhalana Doongri Road,
JAIPUR-302004 (Rajasthan).

Sub: - Submission of Environmental Statement Report of Power Units of M/s Shree Cement Ltd, Village – Andheri Deori, Tehsil Masuda, District Ajmer (Raj) for the FY-2020-2021 (April-2020 to March-2021) under environment protection Act,1986.

Ref: - CTO No. - F (CPM)/ Ajmer (MASUDA)/1(1)/2010-2011/889-891 dated – 14/05/2018.

Dear Sir,

With reference to the above subject and referred CTO letter, we are submitting herewith the Environmental Statement (in Form-V) as per Rule 14 of EP Rules, 1986 for Power Units of M/s Shree Cement Limited situated Near Village – Andheri Deori, Tehsil Masuda, District Ajmer (Raj). For the period from 1st April 2020 to 31st March 2021.

Submitted for your kind information and record please.

Thanking you,

Yours faithfully,
For Shree Power
(A Unit of Shree Cement Ltd.)

(Dr. Anil Kumar Trivedi)
Sr. G.M. Environment

Copy to:-

1. Deputy Director General of Forests (C), Ministry of Environment, Forest and Climate Change, Integrated Regional Office, Jaipur , A-209&218, Aranya Bhawan, Mahatma Gandhi Road, Jhalana Institutional Area, Jaipur – 304002, Rajasthan
2. The in charge (Regional office), Rajasthan State Pollution Control Board, SPL-II, 5th phase, RIICO Industrial Area, Kishangarh, Ajmer (Raj).

ENVIRONMENTAL STATEMENT
FORM – V
Shree Power
(A Unit of M/s Shree Cement Ltd.)
Beawar, Rajasthan
Period from: April, 2020 to March, 2021

PART – A

1.	Name and address of the Owner / Occupier of the Industry operation or process	M/s Shree Cement Ltd. Bangur Nagar, P.O. Box No. 33, Beawar- 305901 Distt. Ajmer (Rajasthan)
2.	Industry Category Primary (S.T.C. Code) Secondary (S.T.C. Code)	Red Category
3.	Production Capacity	300 MW + 44MW + 3MW + 21MW (WHR)
4.	Year of Establishment	2003-2011
5.	Date of the last Environmental Statement submitted	22/09/2020

PART – B

WATER AND RAW MATERIAL CONSUMPTION

1. **WATER CONSUMPTION:**

Process : 53635

Domestic : 224047 KL (Common for Cement Plants Mines & Power Plants)

Name of Product	**Process Water Consumption per Unit of Power Output**	
	During Current Financial Year (2019-20)	**During Current Financial Year (2020-21)**
Power	0.00016 KL/KWh	0.00037 KL/KWh

2. RAW MATERIAL CONSUMPTION:

Name of Raw Material	Name of Product	Consumption of Raw Material Per Unit of Output (Power)	
		During Current Financial Year (2019-20)	During Current Financial Year (2020-21)
1. Water	POWER	0.00016 KL/KWh	0.00037 KL/KWh
2. Coal (Indian & Imported)		0.000365 MT/KWh	0.00019 MT/KWh

3. POWER CONSUMPTION (KWH/KWH OF POWER):

During Previous Financial Year (2019-20)	During Current Financial Year (2020-21)
0.0648	**0.0525**

4. TOTAL POWER PRODUCTION (KWH):

During Previous Financial Year (2019-20)	During Current Financial Year (2020-21)
1349684506	144895872 Auxiliary- 7609514

PART – C
DISCHARGED TO ENVIRONMENTAL / UNIT OF OUTPUT

<table>
<tr><th>Pollutants</th><th>Quantity of Pollutants Discharged (Mass/Day)</th><th colspan="7">Concentration of Pollutants in Discharge (Mass/Value)</th><th>Percentage of variation from prescribed standard with reasons</th></tr>
<tr><td>(a)</td><td>Water</td><td colspan="8">The RO reject water generated from the power plant is being utilized in the Synthetic Gypsum Plant.
Domestic waste water generated from residential colony, canteen, guest house and office toilets of all units cement and power plant is being treated in STP and treated water and sludge generated is used in horticulture activities. Total quantity of treated domestic waste water during FY 2020-21 was 65885 KL. Residential colony and guest house is common for Shree Cement Limited Unit 1& 2, Mines and Power Plants. Analysis report of STP treated water is attached as annexure.</td></tr>
<tr><td>(b)</td><td>Air</td><td colspan="8">
<table>
<tr><th>S. N</th><th>Stack Attached to</th><th colspan="3">Particulate Matter Emission (Annual Data PM in mg/Nm³)</th><th>Prescribed limit by RSPCB (mg/Nm³)</th><th>Tones/Day (Avg)</th></tr>
<tr><td></td><td></td><td>Min</td><td>Max.</td><td>Avg</td><td></td><td></td></tr>
<tr><td>1</td><td>44 MW (NON FGD Stack)</td><td>17.4</td><td>22</td><td>19.9</td><td>100</td><td>0.017</td></tr>
<tr><td>2</td><td>300 MW (B-I)</td><td>10.8</td><td>18.2</td><td>16.8</td><td>50</td><td>0.017</td></tr>
<tr><td>3</td><td>300 MW (B-I)</td><td>14.2</td><td>27.2</td><td>25.1</td><td>50</td><td>0.080</td></tr>
</table>
Please refer Annexure – 1</td></tr>
<tr><td>(c)</td><td>Noise & Ambient Air</td><td colspan="8">Please refer Annexure-2</td></tr>
</table>

	water	

PART – D

HAZARDOUS WASTE

As specified under Hazardous & Other Wastes (Management & Trans boundary Movement Rule, 2016) & Amendment rule, 2019.

Hazardous Waste	Total Quantity (Ltrs.)	
	During Current Financial Year (2019-2020)	During Current Financial Year (2020-2021)
a)From Process (Cement manufacturing is based on "Dry Process" No Hazardous waste is generated from the process except used oil which is drained from Machinery / Equipment)	We have Common authorization for Hazardous Waste Management & Handling for Cement Plant (Unit 1 & 2), D.G. Sets, Power Plants, Synthetic Gypsum Plant and Mines. Total Quantity generated from April-2019 to March-2020 = 1200 Ltrs. Old Stock = 0 Ltrs. Total Used oil = 1200 Ltrs. Sold-out to registered recycler = 0 Ltrs. Quantity Co- processed = 1200 Ltrs. Balance Quantity= 0 Ltrs	We have Common authorization for Hazardous Waste Management & Handling for Cement Plant (Unit 1 & 2), D.G. Sets, Power Plants, Synthetic Gypsum Plant and Mines. Total Quantity generated from April-2020 to March-2021 = 12600 Ltrs. Old Stock = 0 Ltrs. Total Used oil = 12600 Ltrs. Sold-out to registered recycler = 12600 Ltrs. Quantity Co- processed = 0 Ltrs. Balance Quantity= 0 Ltrs
(b)From Pollution Control Facilities	N.A.	N.A.

PART – E

SOLID WASTE

		Total Quantity (Tons)	
		During Current Financial Year (2019-2020)	**During Current Financial Year (2020-2021)**
(a)	From Process	Nil	Nil
(b)	From Pollution Control Facility	Fly Ash : 126165 Synthetic : 21895	Fly Ash : 2183 Synthetic Gypsum : 4192
(c)	1. Quantity rejected or re-utilized within the unit	Fly ash and Bed ash are generated from the power plant. These solid wastes are characterized as Synthetic gypsum because of calcium content due to limestone feeding for Desulfurization process. This waste is utilized in during cement manufacturing process	Fly ash and Bed ash are generated from the power plant. These solid wastes are characterized as Synthetic gypsum because of calcium content due to limestone feeding for Desulfurization process. This waste is utilized in during cement manufacturing process
	2. Sold		
	3. Disposed		

PART – F

Please specify the characterization (in terms of composition and quantum) of hazardous as well as solid wastes and indicate disposal practice adopted for both the categories of wastes: List enclosed as Annexure-4.

Battery Wastes:

As specified under Batteries (Management and Handling) Amendment Rules, 2010, we have purchased following new batteries of different categories is common for Cement Plant (Unit 1 & 2), D.G. Sets, Power Plants, Synthetic Gypsum Plant and Mines:

	Number of used batteries of categories mentioned in Sl. No 3 and Tonnage of scrap sent manufacturer/dealer/importer/registered recycler/or any other agency to whom the used batteries scrap was sent	During 1st Apr. 2020 to 31st Mar. 2021	
	Common for Cement Plant (Unit 1 & 2), D.G. Sets, Power Plants, Synthetic Gypsum Plant and Mines		
2.	Category:	(i) No. of Batteries	(ii) Approximate Weight (In Metric Tonnes)
	(i) Automotive		
	a) Four wheeler	85	3.570
	b) Two wheeler	15	0.030
	(ii) Industrial	Nil	Nil
	a) UPS	133	2.660
	b) Motive Power	Nil	Nil
	c) Stand –by	Nil	Nil
	(iii) Others	Nil	Nil
	Total	**233 Nos.**	**6.26 MT**

Used battery scrap was sent to CPCB authorized recycler.

Hazardous Wastes

Cement manufacturing is based on "Dry Process" technology. No Hazardous waste is generated from the process except used oil which is drained from Machineries / Equipment. The used oil 12600 Liter & Lead acid batteries 233 nos. 6.26 MT are sold to CPCB authorized recyclers.

Bio-Medical Wastes:

Bio-medical waste generated is common for Cement Plant (Unit 1 & 2), D.G. Sets, Power Plants, Synthetic Gypsum Plant and Mines during previous and current financial year under the Bio-Medical Waste (Management & Handling) Rules 2016 & amended on 2019, are as follows.

Bio-Medical Waste Quantity (Kg) as per Color Coding							
During Previous Financial Year (April 2019 to March 2020)				During Current Financial Year (April 2020 to March 2021)			
Yellow	Red	Blue	White	Yellow	Red	Blue	White
282	219	247	0.0	234	205	211	0.0

Above mentioned waste has been sent to Sales Promoter, CBWTF Bio Medical Treatment Facility, Jaipur Bye Pass Road, Ajmer (Raj.) for disposal.

E- Wastes:

	Total Quantity (MT)	
	During Previous Financial Year (2019-2020)	During Current Financial Year (2020-2021)
From Process	Nil	Nil
From Pollution Control Facility	Nil	Nil
Others	0.0	11.86

Solid Wastes: - Only Fly ash and Bed ash is generated from the power plants as a solid waste which is used in the process of existing cement plants. Quantity of generation of both solid wastes is mentioned in part E.

PART – G

IMPACT OF THE POLLUTION CONTROL MEASURES ON CONSERVATION OF NATURAL RESOURCES AND CONSEQUENTLY ON THE COST OF PRODUCTION

Power plant is being operated on environmental friendly clean technology. The stack emissions from the plants are controlled by ESP's and Bag house. Bag Filters installed at various material transfer points to clean the process and arrest the fugitive emissions. The boiler ash collected in the pollution control equipment is used in the process of existing cement plants, thus it can be said that the utilization of raw material is being done at their cost. Since the system is operated on total recycle, there is no effect on the cost of production. Environment expenditure incurred in the year of 2020-21 (April -2020 to March-2021) was 325.45 (cost in lac). The expenditure in same heads is proposed for next year.

PART – H

ADDITIONAL MEASURES / INVESTMENTS PROPOSAL FOR ENVIRONMENT PROTECTION INCLUDING ABATEMENT OF POLLUTION

Green belt development and tree plantation is our ongoing process within our plant area and also outside the plant boundary. Every year we are doing new tree plantation to increase the density and bio-diversity of the area. In the FY 20-21, 131 new trees have been planted. Up- to March 2021 total green area is around 82.83 hectare with around 228411 nos. of trees which is 35 % of the total land of plant and colony area (231.94 Ha.). Environment expenditure incurred in the year of

proposed for next year.

PART – I

ANY OTHER PARTICULATES FOR IMPROVING THE QUALITY OF ENVIRONMENT.

1. We have full-fledged Environment Department with three separate cells, for monitoring, maintenance of pollution control equipment and Green Belt development.

2. Monitoring of stack emission and ambient air and water quality is being done regularly.

3. Maintenance department is doing regular checking and scheduled maintenance of all the pollution control devices.

4. Civil dept. taking care of Housekeeping and water supply department is taking care of operation of STP.

5. To further reduce fugitive emissions, we have a big size truck mounted and 04 nos of small 3D TPS sweeping machines for regular sweeping and cleaning of paved area.

6. All the material transfer belts are covered and transfer points are equipped with pollution control equipment.

7. Truck parking area and vehicle movement areas are paved and concreted to avoid any fugitive emissions.

8. Horticulture Department in coordination with environment department is taking care of tree plantation and green belt development. Every year during monsoon season, we are doing new tree plantation.
9. Air cooled condensers have been installed at all the boilers for water conservation.
10. We are committed and maintaining Zero Liquid Discharge (ZLD) from our premises.
11. Domestic waste water generated from Colony, guesthouse, office toilets and canteen is being treated at Sewage Treatment Plant (STP) and treated water is being utilized in plantation & gardening.

12. We create environment awareness for all our stakeholders through meetings, training programs, world environment day celebrations etc.

We are enclosing herewith following documents:-

Annexure-1: Stack Emission monitoring report.

Annexure-2: Ambient Air Quality (PM10, PM2.5, SO2 and NO2), Ambient Noise Level monitoring report.

Annexure-3: Treated Domestic Wastewater analysis report.

Annexure: 1

Shree Cement Ltd, Beawar

Stack Emission monitoring Report (PM All values in mg/Nm3)
Year: 2020-21

S. No.	Month	44 MW Power Plant	300 MW Power Plant	
		FGD (Non FGD Stack)	Boiler1	Boiler 2
1	Apr-20	SD	SD	SD
2	May-20	SD	SD	SD
3	Jun-20	SD	SD	SD
4	Jul-20	SD	SD	SD
5	Aug-20	SD	SD	SD
6	Sep-20	17.9	SD	SD
7	Oct-20	17.4	SD	SD
8	Nov-20	22.14	SD	SD
9	Dec-20	SD	SD	SD
10	Jan-21	SD	SD	SD
11	Feb-21	SD	SD	SD
12	Mar-21	22	16.8	25.11
Average		**19.9**	**16.8**	**25.1**

Annexure: 2

Shree Cement Ltd, Beawar

Ambient Air Quality (µg/m³)& Noise Level Monitoring Report For The Period Of April 2020 To Mar 2021

Common for Cement plant & Power plant

Year:-2020-2021

Location →	Plant boundary towards village Sarakana						Residential Colony						Plant boundary towards Power Plant						Main Gate					
	AAQ in µg/m³				Noise Level in dB(A)		AAQ in µg/m³				Noise Level in dB(A)		AAQ in µg/m³				Noise Level in dB(A)		AAQ in µg/m³				Noise Level in dB(A)	
Parameter →	PM 10	PM-2.5	SO_2	NO_2	Day time	Night time	PM 10	PM-2.5	SO_2	NO_2	Day time	Night time	PM 10	PM 2.5	SO_2	NO_2	Day time	Night time	PM 2.5	PM 10	SO_2	NO_2	Day time	Night time
Apr	51	22	6	8	52	45.3	44	21	8	7	42	32	46	28	9	7	48	38	49	25	7	9	52	42
May	49	25	7	9	59	43.5	46	34	7	8	44	35	52	31	9	11	60	52	53	27	8	13	59	48
Jun	51	27	8	10	58	42.1	43	26	6	11	46	39	55	29	7	10	61	49	55	22	7	10	62	55
Jul	49	24	7	9	57	45	41	22	7	10	52	42	52	26	7	9	63	53	51	24	8	12	63	53
Aug	50	26	6	8	54	43	39	20	6	8	53	43	43	21	6	8	58	49	44	23	7	7	64	57
Sep	53	23	6.2	7.1	55	42.8	40	18.6	5	6	54	41	48	28	12	10	59	42	42	19.5	8	8	68	55
Oct	51	25	7	9	60	50	38	31	6	9	60	39	41	29	8	10	65	42	43	27	7	10	58	48
Nov	47	25	7	9	68	41	42	29	7	10	59	35	41	24	6	7	66	38	45	27	6	10	63	47
Dec	51	26	6	9	61	40	43	32	6	10	58	42	46	24	8	11	63	40	41	33	7	13	65	50
Jan	54	29	6	10	72	42	41	22	6	8	60	40	47	31	9	13	62	39	46	32	8	14	63	44
Feb	56	32	5	8	68	55	51	28	7	10	71	58	50	32	12	10	70	44	54	33	9	12	60	50
Mar	58	30	7	9	66	49	53	29	8	12	65	43	52	34	10	12	65	55	50	30	12	11	69	51
Average	**51.7**	**26.2**	**6.5**	**8.8**	**60.8**	**44.9**	**43.4**	**26.1**	**6.6**	**9.1**	**55.3**	**40.8**	**47.8**	**28.1**	**8.6**	**9.8**	**61.7**	**45.1**	**47.8**	**26.9**	**7.8**	**10.8**	**62.2**	**50.0**

Annexure: 3

S.N	Parameter	Apr-20	May-20	June-20	July-20	Aug-20	Sept-20	Oct-20	Nov-20	Dec-20	Jan-21	Feb-21	Mar-21	Avg
1	pH	7.16	7.13	7.22	7.56	7.26	7.14	7.82	7.56	7.92	7.12	7.12	7.85	**7.4**
2	Suspended Solids (mg/l)	31	29	32	22	27	29	25	22	21	23	24	21	**25.5**
3	COD (mg/l)	65.3	62.2	61.3	61.2	67.2	65.3	58.7	69.7	71.2	68.7	68.2	69.2	**65.7**
4	BOD 3 days 27°C (mg/l)	17	16.0	15.0	19.0	19.0	16.0	22	17	19.0	17.0	19.0	14	**17.5**
5	Oil & Grease (mg/l)	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	**<4.0**

Waste Characterization					
SN	**Name of waste**	**Nature of waste**	**Source of industry**	**Category**	**Source**
1	Furnace or reactor residue and debris	Solid	Petrochemical Processes and Pyrolytical operations	1.1	**Petrochemical Processes and Pyrolytic operations**
2	Tarry residue and still bottoms from distillation	Solid		1.2	**Petrochemical Processes and Pyrolytic operations**
3	Oily sludge emulsion	Semi Solid		1.3	**Petrochemical Processes and Pyrolytic operations**
4	Organic residues	Liquid/ Solid		1.4	**Petrochemical Processes and Pyrolytic operations**
5	Residues from alkali wash of fuels	Solid		1.5	**Petrochemical Processes and Pyrolytic operations**
6	Spent catalyst and molecular sieves	Solid		1.6	**Petrochemical Processes and Pyrolytic operations**
7	Oil from waste water treatment	Liquid		1.7	**Petrochemical Processes and Pyrolytic operations**
8	Cargo Residue, washing water and sludge containing oil	Liquid/ Solid	Cleaning, emtying and maintenance of Petroleum Oil storage tanks including ships	3.1	**Cleaning Empying and maintenance of Petroleum Oil storage tanks including ships**
9	Cargo Residueand sludge containing chemicals	Liquid/ Solid		3.2	**Cleaning Empying and maintenance of Petroleum Oil storage tanks including ships**
10	Sludge and filters contaminated with oil	Solid		3.3	**Cleaning Empying and maintenance of Petroleum Oil storage tanks including ships**
11	Ballast water containing oil from ships	Semi Solid		3.4	**Cleaning Empying and maintenance of Petroleum Oil storage tanks including ships**
12	Slope Oil	Liquid	Petroleum refining or re-processing of used oil or recycling of waste oil	4.3	**oil Refining**
13	Waste cutting oil	Liquid	Bearing manufacturing industries/other industry	5.3	**Any industry**
14	Plating metal sludge	Solid	Metal surface treatment, such as etching, staining, polishing, galvanizing, cleaning, degreasing, plating etc.	12.8	**Metal surface treatment, such as itching, staining, polishing, galvanizing, cleaning,degreasing, plating etc.**
15	Sludge from Acid rec	Liquid	Production of Iron and steel including other ferrous alloys (electric furnace, steel rolling and finishing mills, Coke oven and byproduct plants)	13.2	**Iron & Steel Industry**
16	Spent catalyst	Solid	Oil refinery/other industry	18.1	**Production of Nitrogen and complex fertilizers**
17	Carbon Residue	Solid	Beverage industry/other industry	18.2	**Production of Nitrogen and complex fertilizers**
18	Contaminated Aromatic, Aliphatic or Napthenic Solvents may or may not fit for reuse	Liquid	Production and/or industrial use of solvents	20.1	**Production and/Or industrial use of Solvents**
19	Spent Solvents	Liquid		20.2	**Production and/Or industrial use of Solvents**
20	Distillation Residue	Liquid		20.3	**Production and/Or industrial use of Solvents**
21	Process Sludge	Solid		20.4	**Production and/Or industrial use of Solvents**

22	Spent Solvents	Liquid	Production and/or industrial use of paints, pigments, lacquers, varnishes and inks	21.2	**Production and/Or industrial use of Paints, pigments, lacquers, varnishes and inks**
23	Spent Catalyst	Solid	Production of plastics	22.1	**Production of plastics**
24	Process Residue	Solid		22.2	**Production of plastics**
25	Spent Solvents	Liquid	Production and/or industrial use of glues, organic cements, adhesive and resins	23.2	**Production and/Or industrial use of glues, Organic cement, adhesives and resins**
26	Spent catalyst	Solid	Oil refinery/other industry	26.5	**Dyes & Dye Intermediate Industrty**
27	Process Waste or resic	Solid	-	29.1	**Production and formulation of pesticides**
28	Sludge Containing Re	Solid	-	29.2	**Production and formulation of pesticides**
29	Spent Solvents	Liquid	Production and/or industrial use of paints, pigments, lacquers, varnishes and inks	29.4	**Production and formulation of pesticides**
30	Spent catalyst	Solid	-	29.5	**Production and formulation of pesticides**
31	Exhaust air or gas cleaning residue	Solid	Purification and treatment of exhaust air/ gases, water and waste water from the processes in this schedule and common industrial efluent treatment plants	35.1	**Purification and Treatment of Exhaust air/ gases, water and waste water from processes**
32	Oil and Grease Skimming	Semi Solid		35.4	**Purification and Treatment of Exhaust air/ gases, water and waste water from processes**
33	Waste exhibits any of the Hazardous characteristics listed in Class-C due to the presence of any hazardous constituents in the substances or wastes	Solid	Tyre industry, Rubber Industry, processes where carbon powder is added/ generated	Schedule II-Class-E1	**Any industry**
34	Waste Clothes/ Cotton waste/ Fibre etc.	Solid	-	Schedule III-B3030	**Textile industry**
35	Tyre Fibre	Solid	Tyre industry/other industry	Schedule III-B3040	**Tyre Industry**
36	Carbide Lime Sludge	Solid	-	Schedule III-OW	**Paper Industry/ any other Industry**
37	ETP Bio solid from soft drink/ Beverage Industry	Solid	-	Schedule III-OW	**Soft drink/ Beverage industry**
38	Spent carbon from Soft drink/ beverage industry	Solid	-	Schedule III-OW	**Soft drink/ Beverage industry**
39	WTP sludge from soft drink/ beverage industry	Solid	-	Schedule III-OW	**Soft drink/ Beverage industry**
40	FF Slag/ ISF Slag	Solid	-	Schedule III-OW	**Iron & Steel Industry**
41	FMCG waste	Solid	-	Schedule III-OW	**FMCG Industry**
42	Red mud	Solid	-	Schedule III-OW	**Aluminium Industry**
43	Toxic Effluent containing chemical (Toxic effluent/ aqueous waste)	Solid	-	Schedule III-OW	**Bulk Pharma/Any Industry**
44	Plastic waste	Solid	Wind mills/ other industries	Non hazardous	**Rubber/ Tyre/ Any other industry using carbon**
45	Trade Rejects	Solid	FMCG, Pharma industry	Non hazardous	**FMCG Industry/ Pharma industry**

46	Oil emulsion sludge	Semi Solid	Petroleum refining or re-processing of used oil or recycling of waste oil	4.1	**Oil Refining**
47	Spent Catalyst	Solid	Production and/or industrial use of glues, organic cements, adhesive and resins	4.2	**Oil Refining**
48	Waste/ Residues Not made with Animal/ Vegetable material	Solid	Production or industrial use of synthetic dyes, dye intermediates and pigments	23.1	**Production and/Or industrial use of glues, Organic cement, adhesives and resins**
49	Spent Solvents	Liquid	-	26.4	**Dyes & Dye Intermediate Industrty**
50	Process Residues and wastes	Solid	-	28.1	**Bulk Pharma Industry**
51	Spent catalyst	Solid	Production/formulation of drugs/ Pharmaceutical and heathcare product	28.2	**Bulk Pharma Industry**
52	Spent carbon	Solid	-	28.3	**Bulk Pharma Industry**
53	Off specification products	Solid	-	28.4	**Bulk Pharma Industry**
54	Date Expired Products (Pharma Industries)	Solid	-	28.5	**Bulk Pharma Industry**
55	Spent Solvent (Pharma Industries)	Liquid	-	28.6	**Bulk Pharma Industry**
56	Contaminated cotton rags or other cleaning materials	Solid	Handling of hazardous chemicals and wastes	33.2	**Any industry**
57	Spent Ion Exchange Resin Containing Toxic Metals	Solid	-	35.2	**Purification and Treatment of Exhaust air/ gases, water and waste water from processes**
58	Any process or distillation residue	Liquid	Purification process for organic compounds/ solvents	36.1	**Purification Process of Organic compounds**
59	Dust from air filtration system	Solid	Production or industrial use of Synthetic Dyes, Dye intermediates and pigments.	26.2	**Dyes & Dye Intermediate Industrty**
60	Empty barrels/containers contaminated with hazardous chemical/wastes	Solid	Handling of hazardous chemicals and wastes	33.1	**Handling of hazardous chemicals and wastes**
61	Spent carbon or filter medium	Solid	Petroleum refining or re-processing of used oil or recycling of waste oil/ Purification process for organic compounds/ solvents	36.2	**Purification Process of Organic compounds**
62	Used Oil	Liquid	Cement Plant, Mines	5.1	Own Cement Process & Mines