



GUJARAT POLLUTION CONTROL BOARD

PARYAVARAN BHAVAN, SECTOR 10-A,
GANDHINAGAR - 382010,
(T) 079-23232152

SPEED POST

CONSOLIDATED CONSENT AND AUTHORIZATION (CC & A)
CCA NO: AWH-155156

NO: GPCB/BRCH/CCA-310(26)/ID-15178/ 897498

DT: 04/04/2026

In exercise of the power conferred under Section-25 of the Water (Prevention and Control of Pollution) Act-1974, under Section-21 of the Air (Prevention and Control of Pollution) Act-1981 and Authorization under rule 6(2) of the Hazardous & Other Wastes (Management and Transboundary Movement) Rules-2016, framed under the E(P)Act-1986.

And whereas Board has received consolidated application dated **27/01/2026** and inward no. **422902** for the consolidated consent and authorization (CC & A) of this Board under the provisions / rules of the aforesaid Acts, Consolidated Consent & Authorization is hereby granted as under.

CONSOLIDATED CONSENT AND AUTHORISATION:

(Under the provisions / rules of the aforesaid Environmental Acts)

To,

M/s. Hindalco Industries Ltd.,

Plot No: 2,10,11,43,

At & Po. Lakhigam, Dahej,

Tal. Vagra, Dist. Bharuch-392130.

1. **Consent Order No. : AWH-155156 date of Issue 27/03/2026.**
2. The consent under Water Act-1974 for conveying the industrial effluent discharge to GIDC effluent collection system Line- Dahej Vilayat Pipeline/ Common Disposal system upto the sea for final disposal at NIO designated point, The consent under Air Act-1981 & Authorization under Environment (Protection) Act, 1986 shall be **valid up to 26/01/2032** to operate (a) to operate E-Waste (PCB) Pilot plant and associated laboratory near existing slag treatment plant inside plant premises (b) to carry out R & D activities on laboratory/pilot scale to understand and study the various precious metals in E-Waste (PCB) and the total process/receive quantity of E-Waste shall be 50 MT (c) to operate Secured Landfill Phase/Cell-9A having area: 19,400 sq.m. & capacity: 2,09,507 MT. (d) industrial plant to manufacture following products:

Sr. No.	Products	Quantity		
		Existing	Proposed	Total
1	Copper Cathode	500000 MT/Year	Nil	500000 MT/Year
2	Sulphuric Acid	1470000 MT/Year	(-42000 MT/Year)	1428000 MT/Year
3	Oxygen (Tech)	780000 MT/Year	Nil	780000 MT/Year
4	Gold	26 MT/Year	Nil	26 MT/Year

5	Silver	200 MT/Year	Nil	200 MT/Year
6	CC Rod	484000 MT/Year	(-120000 MT/Year)	364000 MT/Year
7	Phosphoric acid (as P2O5)	360000 MT/Year	(-360000 MT/Year)	Nil
8	DAP/NPK fertilizers	872000 MT/Year	(-872000 MT/Year)	Nil
9	Electric Power	145.6	(-15.34)	130
10	Copper wire (<4 mm dia) through mechanical drawing process)	60000 MT/Year	Nil	60000 MT/Year
By Product				
1	Selenium	60 MT/Month	Nil	60 MT/Month
2	PGM concentrate	0.0508 MT/Month	Nil	0.0508 MT/Month
3	Granulated slag	65500 MT/Month	Nil	65500 MT/Month
4	Phosphogypsum	150000 MT/Month	(-150000 MT/Month)	Nil
5	Hydrofluosilicic Acid	5580	(-5580)	Nil
6	Aluminium Fluoride	500	(-500)	Nil

SPECIFIC CONDITIONS:

- a) Unit shall comply with all the conditions stipulated by SEIAA / MOEF in the order of Environment Clearance issued vide letter No. J-11011/07/94-IAII(I) dated 14/03/1995 No.J-11011/81/2000-IAII (I) dated 08/01/2002, No.J-11011/86/2002-IAII (I) dated 10/02/2004, No.J-11011/220/2002-IAII (I) dated 18/03/2005, No. J-11011-927/2008-IA-II (I) dated 11/02/2009 and No. J-11011-927/2008-IA-II (I) dated 23/02/2017.
- b) Unit shall receive sewage & cargo hold wash wastewater from M/s. Dahej Harbour & Infrastructure Ltd and treat it in STP and ETP respectively situated at M/S. Hindalco Industries Ltd plant premises.
- c) Unit shall treat sewage generated from township in STP situated in township premises.
- d) Unit shall not procure any hazardous waste without obtaining Rule-9 permission under the HOWR-2016 and necessary amendment in CTE/CCA.
- e) Unit shall strictly follow the Solid Fuel guidelines framed by the Board and shall install APCM as per guideline.
- f) Unit shall strictly follow the Fly Ash Notification for disposal of generated ash.
- g) Unit shall follow coal handling guidelines framed by the Board and provide close ash handling facility.
- h) Unit shall send their hazardous waste to authorized actual end-users who is having authorization with valid CCA and rule 9 permission/registration to receive this waste. Unit shall make MoU with such authorized actual end-users and submit MoU at time of application of CCA.

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Outward No. J-11011/04/10/2018



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- i) All the efforts shall be made to send hazardous wastes for Co- Processing/Pre-Processing Facility first & thereafter it shall be sent through other options.
- j) Unit shall follow spent solvent management guidelines framed by the Board and shall make MoU with outside distillation units, if any. Unit shall also submit the prescribed forms as per the guideline.
- k) Unit shall comply guidelines published by CPCB on 'Criteria for Hazardous Waste Landfills'.
- l) Unit shall receive E-Waste (PCB) from authorized industries under the E- Waste (Management) Rules only after making MOU with them.
- m) Unit shall use received E-Waste (PCB) for R & D activities on laboratory/pilot scale to understand and study the various precious metals in E-Waste (PCB) only.
- n) Unit shall send E-Waste (PCB) after partial processing (powder PCB) to authorized industries E-Waste (Management) Rules only after making MOU with them.
- o) Total quantity of E-Waste shall not exceed 50 MT.
- p) Unit shall submit complete record regarding quantity of E-Waste (PCB) received from authorized industries, E-Waste (PCB) after partial processing (powder PCB) sent to authorized industries and status of remaining quantity of E-Waste (PCB) to the Board.
- q) Unit shall comply the E-Waste (Management) Rules, 2022.
- r) Unit shall comply SOP/guidelines/directives of CPCB and GPCB.

3. CONDITION UNDER THE WATER ACT:

- 3.1 The quantity of total water consumption shall not exceed **28056 KLD** as per below break up as mentioned in form D submitted for consent application under the Water Act- 1974.

Water (Qty: KL/day)	Water consumption		
	Existing	Proposed	Total
Domestic	1218	Nil	1218
Gardening	924	Nil	924
Industrial	37630	(-11716)	25914
Total	39772	(-11716)	28056

- 3.2 The quantity of total waste water generation shall not exceed **4996 KLD** as per below break up as mentioned in form D submitted for consent application under the Water Act- 1974.

Water (Qty: KL/day)	Wastewater Generation		
	Existing	Proposed	Total
Domestic	974	Nil	974
Industrial	4785	(-763)	4022
Total	5759	(-763)	4996

- 3.3 Treatment & Disposal mode of wastewater:

- a) Total 4022 KLD industrial waste water (including 30 KLD hold wash waste water received from M/s. DHIL) shall be treated in ETP. Treated waste water 300 KLD shall be sent for deep sea for disposal after confirming norms as per condition no. 3.4.
- b) Remaining 3722 KLD treated waste water shall be sent to RO.

- c) RO permeate 2233 KLD shall be completely reused for industrial purpose within premises and RO reject 1489 KLD shall be sent to Tertiary Water Recycling Unit (TWRU) consist of UF, RO, MVR etc.
- d) Treated waste water from TWRU 1445 KLD shall be completely reused for industrial purpose within the premises.
- e) Generated 974 KLD domestic sewage shall be treated into STP and treated sewage shall be reused for gardening/plantation purpose within premises after confirming following standards:

Parameters	GPCB Norms
pH	6.5 to 9
TSS	<100 mg/l
Fecal Coliform(MPN/100ml)	<1000 MPN/100ml
BOD (3 days 27 degree C)	<30 mg/l

- 3.4 The quality of industrial effluent shall conform to the following standards (as per GPCB norms, whichever is applicable) (additional treated effluent shall be discharged into the deep sea through HDPE pipeline at a point through multiple diffuser system as recommended by the NIO)

Sr. No.	PARAMETERS	PERMISSIBLE LIMIT
1	pH	5.5 to 9
2	Temperature	45 °C
3	Colour (Pt,Co.scale)	100 Units
4	Total Suspended Solids	100 mg/l
5	Biochemical Oxygen demand [3 day at 27°C]	100 mg/l
6	Chemical Oxygen Demand	250 mg/l
7	Oil and Grease	10 mg/l
8	Phenolic Compounds	5 mg/l
9	Ammonical Nitrogen	50 mg/l
10	Sulphides	5 mg/l
11	Cyanide	0.2 mg/l
12	Fluorides	15 mg/l
13	Hexavalent Chromium (as Cr± 6)	0.1 mg/l
14	Total Chromium	2 mg/l
15	Copper	3 mg/l
16	Nickel	5 mg/l
17	Zinc	15 mg/l
18	Mercury	0.01 mg/l
19	Lead	1 mg/l
20	Arsenic	0.2 mg/l
21	Cadmium	2 mg/l
22	Insecticide / Pesticide	Absent
23	Selenium	0.05 mg/l
24	Bio assay test	90% survival of fish after 96 hours in 100% effluent



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- 3.5 The treated effluent conforming to the above standards shall be reutilized in the process.
- 3.6 Unit shall implement & follow communication plan so that respected work can be done in minimum response time in case of emergencies.
- 3.7 Unit shall install continuous / online monitoring system and shall transmit online data so generated simultaneously to GPCB and CPCB as well for the parameters such as pH, BOD, COD, TSS, other sector specific parameters etc. with recorder & magnetic flow meters for flow measurement of treated wastewater as per CPCB guideline.
- 3.8 Unit shall make fixed arrangement for discharge of the effluent from their Final collection tanks to the GIDC effluent collection system Line- Dahej Vilayat Pipeline/ Common Disposal system. Unit shall not keep any by-pass line or system or loose or flexible pipe line for discharge of the effluent into drainage network of Pipeline.
- 3.9 Magnetic flow meters shall be installed at the inlet & outlet of effluent collection tanks/ETP to measure the quantity of effluent.
- 3.10 Unit shall affix of water meters as per Section 4 (1) of the water (Prevention and Control of Pollution) Cess Act-1977 for the purpose of measuring and recording the quantity of water consumed at such places as may be required.
- 3.11 Unit shall provide adequate / safe effluent sampling facility for the effluent being stored in final collection / discharge tank of ETP.
- 3.12 Unit shall put up at the entrance a board displaying the name of unit, particulars of the products/process, the name of proprietor/partners/directors of the unit.
- 3.13 Unit shall have to display on-line data outside the main factory gate with regard to and nature of hazardous chemicals being handled in the plant, including waste water and air emission and solid hazardous waste generated within the factory premises, if applicable as per CPCB norms.
- 3.14 Unit shall either stop or curtail its production activities if the effluent is not conforming to the standards of GPCB.
- 3.15 Unit shall keep accurate records of quantity of production of each product, quantity of water consumption, quantity of effluent generated and consumption of electricity on day to day basis and required to submit the complied record of each month to GPCB on or before fifth day of the succeeding month.
- 3.16 Disposal system for storm water shall be provided separately. In no circumstances storm water shall be mixed with the industrial effluent.
- 3.17 Leachate from the Secured Land Fill, if any shall also be connected into a collection tank through leachate collection facilities and shall be treated along with industrial effluent.
- 3.18 The Environmental Management Unit/Cell shall be setup to ensure implementation on and monitoring of environment safeguards and other conditions stipulated by statutory authorities. The Environmental Management Cell / Unit shall directly report to the Chief Executive of the organization and shall work as a focal point for internalizing environmental issues. These Cells also coordinate the exercise of environmental audit and preparation of environmental statements
- 3.19 The Environmental audit shall be carryout yearly, if applicable. The environmental statements pertaining to the previous year shall be submitting to this State Board latest by 30th September every year.
- 3.20 In case of change of ownership/ management the name and address of the new ownership/partners/directors/ proprietor should immediately be intimate to the Board. Also any change in equipment or working conditions as mentioned in the consents form/order should immediately be intimated to this Board.

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3.21 The Board reserves the right to review and/or revoke the consent and / or make modifications in the conditions which it seems fit in accordance with provisions of Water Act-1974.

4. CONDITIONS UNDER THE AIR ACT:

4.1 The following shall be used as fuel:

Sr. No.	Name of fuel	Quantity in TPM
1	HSD	900 TPM
2	HFO	1530 TPM
3	Imported Coal	36980 TPM
4	LNG(SCM)	1486197 (SCM)

4.2 The flue gas emission through stack shall conform to the following standards:

Stack No.	Stack attached to	Stack Height	APCM	Parameter	Permissible limit
1	Dore Furnace of PMR (Furnace TROF) (0.0547 TPH)	45 m	Bag filter	PM SO ₂ NO _x	150 mg/Nm ³ 100 ppm 50 ppm
2	Package Boiler (Removed)	43 m	Scrubber		
3	Sulphuric Acid Pre - heater-I (80 TPH)	30 m	-		
4	Sulphuric Acid Pre - heater-II (Removed)	30 m	-		
5	D. G. Set (2 MW)	30 m	Cyclone Separator		
6	D. G. Set (2.5 MW)	30 m	Cyclone Separator		
7	Captive Power Plant (CPP-I) CFBC Boiler 35 MW (150 TPH)	75 m	ESP + Lime dosing system	PM SO ₂ NO _x	150 mg/Nm ³ 600 mg/Nm ³ 600 mg/Nm ³
8	Shaft Furnace of CCR- Plant-I (18 TPH)	26 m	-	PM SO ₂ NO _x	150 mg/Nm ³ 100 ppm 50 ppm
9	Shaft Furnace of CCR- II (Removed)	26 m	-		
10	Sulphuric Acid Pre - heater-III (148 TPH)	38 m	-		
11	Captive Power Plant (CPP-II) AFBC Boiler 15.34 MW (Removed)	60 m	ESP + Lime dosing system	PM SO ₂ NO _x	150 mg/Nm ³ 600 mg/Nm ³ 600 mg/Nm ³

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12	Captive Power Plant (CPP-III) CFBC Boiler 60 MW (300 TPH)	85 m	ESP + Lime dosing system	PM SO ₂ NO _x Hg	150 mg/Nm ³ 600 mg/Nm ³ 300 mg/Nm ³ 0.03 mg/Nm ³
13	Shaft Furnace of CCR-III (35 TPH)	35 m	-	PM SO ₂ NO _x	150 mg/Nm ³ 100 ppm 50 ppm

4.3 The Process emission through various stacks/ vent of reactors, process, vessel shall conform to the following standards:

Stack No.	Stack attached to	Stack Height	APCM	Parameter	Permissible limit
1	Anode Casting of Smelter-I (Anode Caster) (60 TPH)	20 m	-	PM SO ₂ NO _x	150 mg/Nm ³ 40 mg/Nm ³ 25 mg/Nm ³
2	Main stack Secondary Gas Scrubber of Smelter-I (FSF-SCF-PSC Conv.) (72 TPH)	75 m	Two Stage Alkali Scrubber	SO ₂	40 mg/Nm ³
3	Copper Scrap melting furnace (Cap. 50 MT/day) of Smelter-I (72 TPH)				
4	Main Stack Slag Cleaning furnace of Smelter-I (25 TPH)	75 m	Bag filter	PM SO ₂	150 mg/Nm ³ 40 mg/Nm ³
5	Main stack Sulphuric Acid Plant-I (80 TPH)	75 m	5 stage DCDA system and Mist Eliminator	Acid Mist SO ₂	25 mg/Nm ³ 2 Kg/of 100% Conc. Sulphuric acid
6	Cathode Stripping M/C Plant-I of Refinery-I (29 TPH)	20 m	-	SO ₂	40 mg/Nm ³
7	Anode Scrap Washing Machine M/C of Refinery-I (29 TPH)	20 m	-	SO ₂	40 mg/Nm ³
8	Liberator Stack of Refinery-I (29 TPH)	26 m	Scrubber	SO ₂ Acid Mist	40 mg/Nm ³ 25 mg/Nm ³
9	Slag granulation of Smelter-I (25 TPH)	45 m		PM	150 mg/Nm ³

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10	Steam Dryer of copper concentrate of Smelter-I (120 TPH)	58 m	Bag Filter	PM SO ₂	150 mg/Nm ³ 40 mg/Nm ³
11	Slag Cleaning Furnace (By pass vent Smelter-I) (25 TPH)	46 m	Bag Filter	PM SO ₂	150 mg/Nm ³ 40 mg/Nm ³
12	Cathode Stripping M/C Plant-II of Refinery-II (29 TPH)	20 m	-	SO ₂	40 mg/Nm ³
13	Centralized Scrubbing System Smelter-III (112 TPH)	75 m	Bag Filter and Alkali Scrubber	PM SO ₂	150 mg/Nm ³ 40 mg/Nm ³
14	Sulphuric Acid Plant-III (148 TPH)	75 m	5 stage DCDA system and Mist <u>Eliminator</u> Tail Gas Scrubber based on Dynawave scrubber	Acid Mist SO ₂	25 mg/Nm ³ 1 Kg/of 100% Conc. Sulphuric acid
15	Cathode Stripping M/C Plant-III of Refinery-III (29 TPH)	20 m	-	SO ₂	40 mg/Nm ³
16	Liberator Stack of Refinery-III (29 TPH)	26 m	Scrubber	SO ₂ Acid Mist	40 mg/Nm ³ 25 mg/Nm ³
17	DAP (Removed)	60 m	Dual media Scrubber	PM SO ₂ NO _x NH ₃ Hf	150 mg/Nm ³ 40 mg/Nm ³ 25 mg/Nm ³ 175 mg/Nm ³ 6 mg/Nm ³
18	PS Converter area (Gases are to be transferred to H ₂ SO ₄ plant) only emergency vent (23 TPH)	47 m	-	PM SO ₂ Copper	150 mg/Nm ³ 40 mg/Nm ³ 20 mg/Nm ³
19	Reactor (Phosphoric acid plant) (Removed)	60 m	Scrubber	Hf	6 mg/Nm ³
20	PMR Plant Phase-III (Furnace TROF) (0.0547 TPH)	30 m	Bag filter	PM SO ₂ NO _x	150 mg/Nm ³ 40 mg/Nm ³ 25 mg/Nm ³
21	Pilot Plant (0.0057 TPH)	3 m	Bag filter	PM	150 mg/Nm ³



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22	Pilot plant laboratory induction furnace (0.0057 TPH)	3 m	Scrubber based on water injection system	PM SO ₂ NO _x	150 mg/Nm ³ 40 mg/Nm ³ 25 mg/Nm ³
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4.4 The concentration of the following parameters in the ambient air within the premises of the unit shall not exceed the limits specified hereunder.

Sr. No.	Parameters	Permissible Limit (microgram /m ³)	
		Annual	24 Hours Average
1.	Particulate Matter (PM ₁₀)	60	100
2.	Particulate Matter (PM _{2.5})	40	60
3.	Sulphur Dioxide (SO ₂)	50	80
4.	Nitrogen Dioxide (NO ₂)	40	80

- Annual arithmetic mean of minimum 104 measurements in a year at a particular site taken twice a week 24 hourly at uniform intervals.
- 24 hourly or 08 hourly or 01 hourly monitored values, as applicable, shall be complied with 98% of the time in a year. 2% of the time, they may exceed the limits but not on two consecutive days of monitoring.

4.5 Unit shall operate industrial plant / air pollution control equipment very efficiently and continuously so that the gaseous emission always conforms to the standards specified as above.

4.6 The consent to operate the industrial plant shall lapse if at any time the parameters of the gaseous emission are not within the tolerance limits specified as above.

4.7 Unit shall provide portholes, ladder, platform etc at chimney(s) for monitoring the air emissions and the same shall be open for inspection to/and for use of Board's staff. The chimney(s) vents attached to various sources of emission shall be designed by numbers such as S-1, S-2, etc. and these shall be painted/ displayed to facilitate identification.

4.8 Unit shall take adequate measures for control of noise levels from its own sources within the premises so as to maintain ambient air quality standards in respect of noise to less than 75 dB(a) during day time and 70 dB (A) during night time. Daytime is reckoned in between 6a.m. and 10 p.m. and nighttime is reckoned between 10 p.m. and 6 a.m.

4.9 All efforts shall be made to control VOC emissions and odor problem, if any.

5 GENERAL CONDITIONS: -

5.1 In case of change of ownership/ management the name and address of the new ownership/ partners/ directors/ proprietor should immediately be intimate to the Board. Also any change in equipment or working conditions as mentioned in the consents form/ order should immediately be intimated to this Board.

5.2 Adequate plantation shall be carried out all along the periphery of the industrial premises in such a way that the density of plantation is at least 1000 trees per acre of land and a green belt of 5 meters width is developed.

5.3 Unit shall put up at the entrance a board displaying the name of unit, particulars of the products/ process and the name of proprietor/partners /directors of the unit and the electricity consumer number as on the record of DGVCL.

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6. AUTHORISATION FOR THE MANAGEMENT & HANDLING OF HAZARDOUS WASTES Form-2 (See rule 6(2)).

6.1 Number of authorization: **AWH-155156 date of Issue 27/03/2026.**

6.2 **M/s. Hindalco Industries Ltd.** is hereby granted an authorization to operate facility for following hazardous wastes on the premises situated at **Plot No: 2,10,11,43, At & Po. Lakhigam, Dahej, Tal. Vagra, Dist. Bharuch.**

Sr. No.	Name of Haz. Waste	Category Number	Quantity			Facility
			Existing	Proposed	Total	
1	ETP Waste Sludge & Scrubber waste (Sludge & Filter cake)	35.3	175095 MT/Year	Nil	175095 MT/Year	Collection, Storage, Transportation and Disposal into own SLF site / common TSDF / Co-processing in authorised cement industry/ authorised pre-processing unit.
2	Arsenic-bearing sludge, As-Cu precipitate	7.3	270.8 MT/Year	Nil	270.8 MT/Year	Collection in closed stainless steel vessel, recycle & treatment /encapsulation & disposal at own SLF site, / common TSDF of BEIL.
3	Used Oil	5.1	50 Kl/Year	Nil	50 Kl/Year	Collection, Storage and transportation and disposal by sale to registered re-refiners.
4	Spent Electrolyte Solution	8.1	52560 Kl/Year	Nil	52560 Kl/Year	Collection, storage, treatment in house ETP.
5	Residue cake from SAP	17.1	12 MT/Year	Nil	12 MT/Year	Collection, Storage and transportation and disposal in furnace or into own SLF site/ common TSDF.
6	Spent catalyst	10 Sch-IV	160 Kl/Year	Nil	160 Kl/Year	Collection, Storage, Transportation and Disposal into own SLF site / sent to registered recycler or registered

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						regenerator or authorised co-processing unit.
7	Used Empty Drums (Empty barrels / Containers / liners contaminated with hazardous chemicals / wastes	33.1	200 MT/Year	Nil	200 MT/Year	Collection, storage, Decontamination, Transportation and Disposal by reuse after in-house decontamination or send it, to authorised decontamination facility / recyclers or send back to suppliers.
8	Flue gas cleaning residue (Exhaust air / gas cleaning residue)	35.1	864 MT/Year	Nil	864 MT/Year	Collection, Storage, transportation and recycle into process.
9	Spent resin from DM plant (Spent ion exchange resin containing toxic metals)	35.2	7.5 Kl/Year	Nil	7.5 Kl/Year	Collection, Storage, transportation and disposal at own SLF site / common TSDF of BEIL.
10	Selenium and Selenium compounds (Removed)	A-8 Sch-II	6 MT/Year	(-6) MT/Year	Nil	Collection, Storage, transportation and disposal by sell out to authorised users who is having authorization with valid CCA and rule 9 permission to receive this waste after making MOU.
11	Silver and Silver Compound	A-9 Sch-III	6 MT/Year	Nil	6 MT/Year	Collection, Storage, transportation and disposal by sell out to authorised users who is having authorization with valid CCA and rule 9 permission to receive this waste after making MOU.

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12	Inorganic Acid (Spent Acid) (Removed)	B-15 Sch-II	66960 MT/Year	(-66960) MT/Year	Nil	Collection, Storage, transportation and reuse to Mfg. of ALF3/ disposal by sell out to authorised users who is having authorization with valid CCA and rule 9 permission to receive this waste after making MOU.
13	Dust and Lumpy	4/ Sch-IV	35000 MT/Year	Nil	35000 MT/Year	Collection, Storage, transportation and recycled in smelter or sell to recycler.
14	Copper Converting (C-Slag)	6/ Sch-IV	6000 MT/Year	Nil	6000 MT/Year	Collection, Storage, transportation and recycled in smelter or sell to recycler
15	Liberator Cake	4/ Sch-IV	3000 MT/Year	Nil	3000 MT/Year	Collection, Storage, transportation and recycled in smelter or sell to recycler
16	Copper Revert	4/ Sch-IV	72000 MT/Year	Nil	72000 MT/Year	Collection, Storage, transportation and recycled in smelter or sell to recycler
17	Dore Slag (Slag from copper processing for further processing or refining)	6/ Sch-IV	2500 MT/Year	Nil	2500 MT/Year	Collection, Storage, transportation and recycled in smelter or sell to recycler
18	Lead Anode/ Cathode	17/ Sch-IV	80 MT/Year	Nil	80 MT/Year	Collection, Storage, Transportation and recycle in smelter or send to registered recyclers.
19	Cotton waste used (Contaminated cotton rags or other cleaning materials)	33.2	15 MT/Year	Nil	15 MT/Year	Collection, Storage, Transportation and Disposal into own SLF site / Co-processing in authorised cement industry/CHWIF

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20	Used Insulation	A2050	100 MT/Year	Nil	100 MT/Year	Collection, Storage, Transportation and Disposal into own SLF site / authorised incinerator/ Co-processing in authorised cement industry.
21	Discarded PPE (Rubber)	B3040 Part-B/III	5 MT/Year	Nil	5 MT/Year	Collection, Storage, Transportation and Disposal into own SLF site / Co-processing in authorised cement industry/ authorised Recycler.
22	Used membrane / Filter cloth and bags	35.1	20 MT/Year	Nil	20 MT/Year	Collection, Storage, Transportation and Disposal into own SLF site / Co-processing in authorised cement industry/CHWIF
23	SW-RO Clarifier Sludge (Cemented sludge)	35.3	9490 MT/Year	Nil	9490 MT/Year	Collection, Storage, Transportation and Disposal at own captive TSDF site or approved common TSDF site or send to authorized co processing facility.
24	Thermal Plant Evaporation Sludge (Salt)	35.3	17520 MT/Year	Nil	17520 MT/Year	Collection, Storage, Transportation and Disposal at own captive TSDF site or approved common TSDF site or send to authorized co processing facility.

6.3 The authorization is granted to operate a facility as above.

6.4 The authorization shall be in force for a period up to **26/01/2032**.

6.5 The authorization is subject to the conditions stated below and such other conditions as may be specified in the rules from time to time under the Environment (Protection) Act-1986.

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7. TERMS AND CONDITIONS OF AUTHORISATION:

- 7.1 The authorised person shall comply with the provisions of the Environment (Protection) Act, 1986, and the rules made there under.
- 7.2 The authorisation or its renewal shall be produced for inspection at the request of an officer authorised by the Gujarat Pollution Control Board.
- 7.3 The person authorised shall not rent, lend, sell, transfer or otherwise transport the hazardous and other wastes except what is permitted through this authorisation.
- 7.4 Any unauthorised change in personnel, equipment or working conditions as mentioned in the application by the person authorised shall constitute a breach of his authorisation.
- 7.5 The person authorised shall implement Emergency Response Procedure (ERP) for which this authorisation is being granted considering all site specific possible scenarios such as spillages, leakages, fire etc. and their possible impacts and also carry out mock drill in this regard at regular interval of time;
- 7.6 The person authorised shall comply with the provisions outlined in the Central Pollution
- 7.7 Control Board guidelines on "Implementing Liabilities for Environmental Damages due to Handling and Disposal of Hazardous Waste and Penalty"
- 7.8 It is the duty of the authorised person to take prior permission of the Gujarat Pollution Control Board to close down the facility.
- 7.9 The imported hazardous and other wastes shall be fully insured for transit as well as for any accidental occurrence and its clean-up operation.
- 7.10 The record of consumption and fate of the imported hazardous and other wastes shall be maintained.
- 7.11 The hazardous and other waste which gets generated during recycling or reuse or recovery or pre-processing or utilization of imported hazardous or other wastes shall be treated and disposed of as per specific conditions of authorization.
- 7.12 The importer or exporter shall bear the cost of import or export and mitigation of damages if, any.
- 7.13 An application for the renewal of an authorization shall be made as laid down under Hazardous & Other Wastes (Management and Transboundary Movement) Rules-2016.
- 7.14 Any other conditions for compliance as per the Guidelines issued by the Ministry of Environment, Forest and Climate Change or Central Pollution Control Board from time to time.
- 7.15 Annual return shall be filed by June 30th for the period ensuring 31st March of the year.
- 7.16 Unit shall have to display the relevant information with regard to hazardous waste as indicated in the Court's order in W.P. No. 657 of 1995 dated 14th October 2003.
- 7.17 Unit shall have to display on-line data outside the main factory gate with regard to and nature of hazardous chemicals being handled in the plant, including waste water and air emission and solid hazardous waste generated within the factory premises.
- 7.18 Unit shall have to manage used or spent oil; empty or discarded barrels / containers / liners contaminated with hazardous chemicals / wastes, process waste as per Hazardous & Other Wastes (Management and Transboundary Movement) Rules-2016, framed under the E(P)Act-1986 and shall apply Authorization for all applicable waste.

**FOR AND ON BEHALF OF
GUJARAT POLLUTION CONTROL BOARD**



(Dr. J. D. OZA)

UNIT HEAD-BHARUCH