

FORM 5
[See rules 13 (1) and 14 (1)]

**APPLICATION FOR IMPORT OR EXPORT OF HAZARDOUS AND OTHER WASTE
FOR REUSE OR RECYCLING OR RECOVERY OR CO-PROCESSING OR UTILISATION**

TO BE FILLED IN BY APPLICANT

S. NO	Description	Details to be furnished by the importer or exporter
(1)	(2)	(3)
1.	Importer (name and address) in India	HJM Metals LLP, Plot No.1213, Dholka GIDC, Village Dholka Kheda Road, Dist. Ahmedabad-387810
	Contact person	Maulik H Mehta – Designated Partner
	Tel, fax and e-mail	(M). +91 9998889999, Email : info@hjmmetals.com
	Facility location/address	Plot No. 1213, Dholka GIDC, Village Dholka Kheda Road, Dist. Ahmedabad.
	Reason for import	Justification for import attached (Annexure-I)
2.	Exporter (name and address) outside of India	Details attached (Annexure-II)
3.	Details of waste to be imported or exported	
	(a) Quantity	(a) 3500 MT
	(b) Basel No.	(b) B1020 (Lead Scarp)
	(c) Single/multiple movement	(c) Multiple
	(d) Chemical composition of waste (attach details), where applicable	Not Applicable (NA)
	(e) Physical characteristics	Solid State
	(f) Special handling requirements, if applicable	NA
4.	For Schedule III A hazardous waste whether Prior Informed Consent has been obtained	NA
5.	For importer	
	(a) Process details along with environmental safeguard measures (attach separate sheet)	Details Attached (Annexure-III)
	(b) Capacity of recycling or co-processing or recovery or utilization	Details Attached (Annexure-IV)
	Enclose a copy each of valid authorisation and valid consent to operate from SPCB	Copies attached (Annexure-V)
6.	Details of import against the Ministry of Environment, Forest and Climate Change permission in the previous three years	Statement of the Lead Scrap Quantity Import against the Previous Permission as well as the permission are attached. ((Annexure- VI and VII)
7.	Port of entry	Mundra, Kandla, JNPT, Nava Sheva, Pipavav or any other port depending upon the shipping lines route from the country of Import to India.

For, HJM METALS LLP

[Signature]

DESIGNATED PARTNER

9. Undertaking

I hereby solemnly undertake that:

- (i) The information is complete and correct to the best of my knowledge and legally-enforceable written contractual obligations have been entered into and that my applicable insurance or other financial guarantees are or shall be in force covering the trans-boundary movement.
- (ii) The waste permitted shall be fully insured for transit as well as for any accidental occurrence and its clean-up operation.
- (iii) The records of consumption and fate of the imported waste shall be recorded and report sent to the SPCB every quarter.
- (iv) The hazardous or other waste which gets generated in our premises by the use of imported hazardous or other waste in the form of raw material shall be treated and disposed of as per conditions of authorisation.
- (v) I agree to bear the cost of export and mitigation of damages if any.
- (vi) I am aware that there are significant penalties for submitting a false certificate/undertaking/disobedience of the rules and lawful orders including the possibility of fine and imprisonment.
- (vii) The exported wastes shall be taken back, if it is not acceptable to the importer.

Signature of the Applicant
For, HJM METALS LLP
mcl
DESIGNATED PARTNER

Date: February 11, 2020

Place: Ahmedabad

Justification for Import of Lead Scrap

It has become imperative for the country to expand its Lead Acid Battery (LAB) manufacturing capacity to meet the increasing demands in Solar Energy plants, Electric Vehicles, Telecom systems, data centres etc. The increase in the demand of LAB implies increase in the demand of Lead.

The secondary production of lead is meeting 85% of the country's lead demand. The import of lead wastes especially lead scrap is therefore essential for the sustainability of the developments involving use of this metal.

The registered recycling capacity of our unit is 9620 MTA and the operations have to be stopped quite often for want of the raw material. The local availability of the Lead wastes is grossly inadequate. This also adds to the obvious problems in meeting the market demand of lead as well as in ensuring the recycling process to be cost effective and environmentally sound.

We also intend to export the finished product to various international markets. The import of lead Scrap will also enable us to complete the various international manufacturers of Lead.

It is therefore essential for us to continue import of lead scrap to meet part of our requirement of raw material for this production.

For, HJM METALS LLP

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DESIGNATED PARTNER

List of the Exporters

The Material Lead scrap is traded mostly on the spot basis. The options for going into long term supply agreements with specific exporters/exporting countries are therefore very limited. We are in touch with a number of suppliers in countries namely, U.A.E., Iran, African Countries, USA, European countries and North & South Korea, Bangladesh, Myanmar, Sri Lanka, Singapore, Malaysia and Indonesia.

The specific exporters presently under negotiation are as follows:

TRADE SEA INTERNATIONAL PTE LTD.

01 AMBER ROAD,
#17-03 AMBER POINT,
SINGAPORE-439845,
Tel:+65 62223029, FAX: 62235040.
Email:anshul.tradesea@gmail.com

SUDMET GLOBAL FZE

SM OFFICE H1-103B,
AJMAN FREE ZONE,
U.A.E
Tel: +971-504231448
Email: sudmetglobal@gmail.com

EASTERN METALS LIMITED

Plot 4, Block D, Badejo Kalesanwo Street,
Mattori Industrial Area, Mushin, Lagos,
Nigeria
Tel: +234-8057291589
Email :nig@metafrique.ne

METAL RECYCLING INDUSTRIES LIMITED

SHAGAMU-IKORODU ROAD,
OGIJO, OGUN STATE,
NIGERIA
Tel: +234-8077092461
Email : info@mrimetals.com

For, HJM METALS LLP

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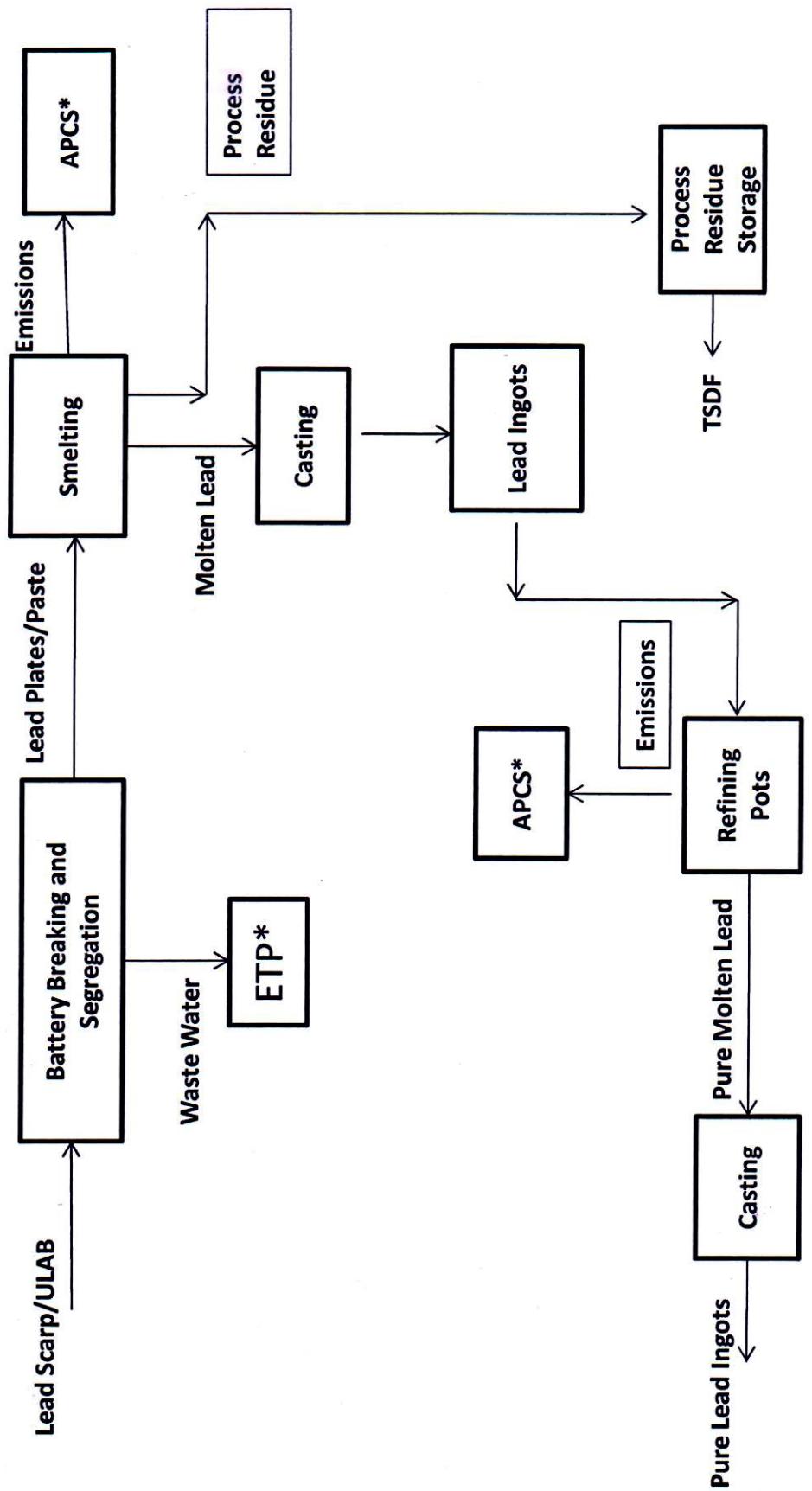
DESIGNATED PARTNER

MARUTI TRADING ENTERPRISES LIMITED
72, BALOGUN STREET,
VICTORIA ISLAND, LAGOS,
NIGERIA
Tel: +2347080440277
Email : afconatul@hotmail.com

EVEREST METAL NIGERIA LIMITED
KM 16, IKORODU SAGAMU RD, ITA SAANI, OGILJO
PO Box 2006, Shagamu SAGAMU, Ogun
Nigeria
Phone Number: 08078000803, 08065390138

For, HJM METALS LLP
Jmcl
DESIGNATED PARTNER

Process Flow Diagram (PFD)

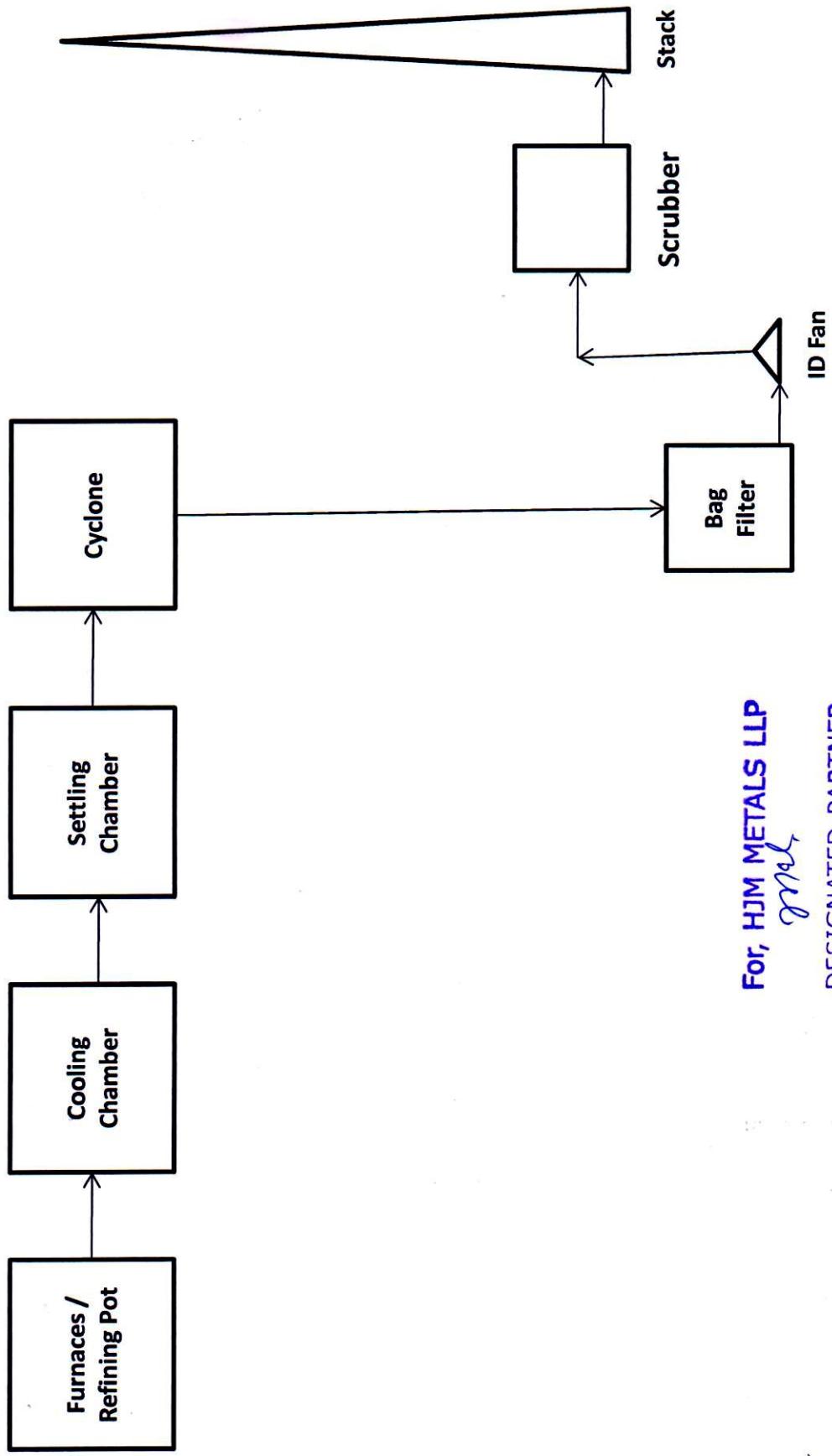


* Flow Diagrams Shown Separately

For, HJM METALS LLP
[Signature]
DESIGNATED PARTNER

ANNEXURE - III

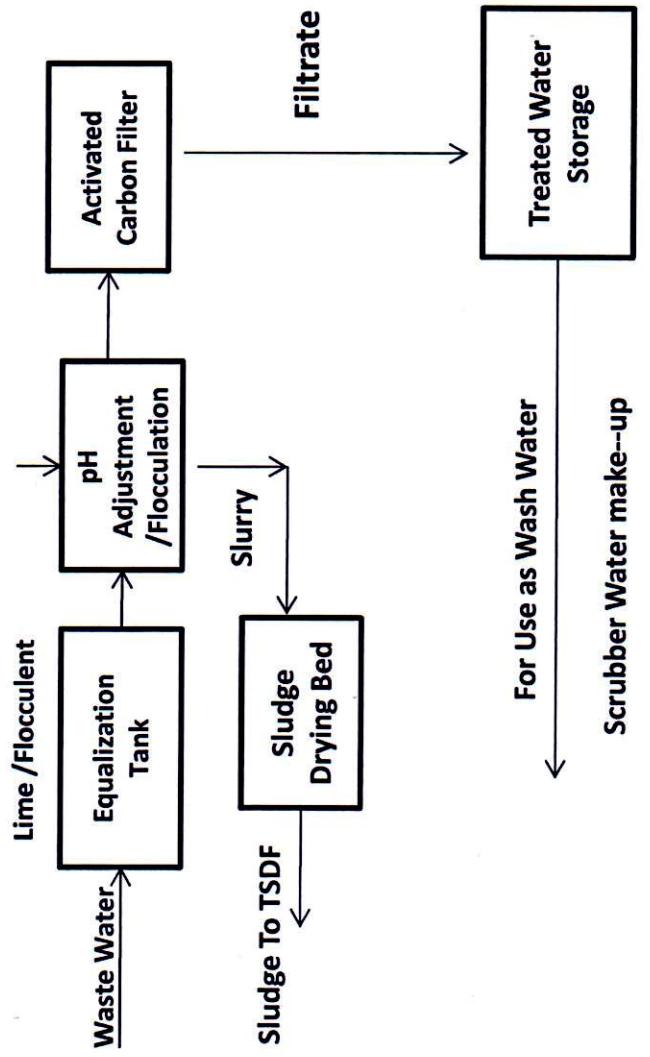
Air Pollution Control System (APCS)



For, HJM METALS LLP
M

DESIGNATED PARTNER

Flow Diagram of Effluent Treatment Plant(ETP)



For, HJM METALS LLP
MW

DESIGNATED PARTNER

ANNEXURE - IV

Recycling Capacity

- (i) Battery Cutting Machine : 1.5 MT/hr
- (ii) Rotary Furnace : 1 Nos (One of 1.75 MT capacity)
- (iii) Rotary Furnace operation in cycles per day = Six
- (iv) Annual Smelting Capacity of Rotary Furnace = $1.75 \times 6 \times 330 = 3465$ MT
- (v) Mandir Bhati : 2 Nos (Each of 2.5 MT)
- (vi) Mandir Bhati operation cycle per day = 3
- (vii) Annual Smelting Capacity of Mandir Bhaties = $2.5 \times 2 \times 3 \times 330 = 4950$ MT
- (viii) Total Smelting Capacity = $3465 + 4950 = 8415$ MT
- (ix) Total Waste* Recycling Capacity (Waste contains 20% plastic)
Waste recycling capacity x 0.8= Smelting Capacity
So Waste Recycling Capacity will be Smelting capacity divided by 0.8
i.e 8415 divided 0.8 = 10518 MTA
- (x) Refining Pot = 1 of 5 MT Capacity
- (xi) Refining Pots Operation cycles per day = 6
- (xii) Annual Refining Capacity = $5 \times 6 \times 330 = 9900$ MT

For, HJM METALS LLP

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DESIGNATED PARTNER



GUJARAT POLLUTION CONTROL BOARD

PARYAVARAN BHAVAN
Sector-10-A, Gandhinagar-382 021.
Website : www.gpcb.gov.in

By RPAD

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)-1981 and Authorization under rule 5(4) of the Hazardous Waste (Management, Handling & Trans boundary movement) Rules-2008 framed under the Environmental (Protection) Act-1986.

And whereas Board has received consolidated consent application No.105193 dated 29/02/2016 for the Consolidated Consent and Authorization (CC & A) of his Board under the provisions/rules of the aforesaid Acts. Consents & Authorization are hereby granted as under:

CONSENTS AND AUTHORISATION:

(Under the provisions /rules of the aforesaid environmental acts)

To,

M/S. HJM METALS LLP,
PLOT NO: 1213,
DHOLKA - GIDC,
DHOLKA KHEDA ROAD,
TA: DHOLKA, DIST: AHMEDABAD.

Consent Order No. : AWH- 78028 date of Issue: 10/04/2016

- 1.1 The consents shall be valid up to 27/02/2021 for use of outlet for the discharge of trade effluent & emission due to operation of industrial plant for manufacture of the following items/products:

SR.NO	PRODUCT	QUANTITY
1	Lead ingot & alloys	742.5 MT/Month

Specific Conditions: Unit shall not procure "Scrap Battery and battery plates more than 9620 MTPA.

2 CONDITIONS UNDER THE WATER ACT:

- 2.1 The water consumption and waste water generation shall be as under:

	Water Consumption	Waste water generation
Industrial	500 Lit/Day	100 Lit/Day
Domestic	400 Lit/Day	300 Lit/Day

- 2.2 The waste water generated from scrubber shall be completely reused after treatment hence unit shall strictly adhere to zero liquid discharge.

- 2.3 Domestic effluent shall be disposed of through septic tank/soak pit system.

3. CONDITIONS UNDER THE AIR ACT:

- 3.1 The following shall be used as fuel.

Sr No.	Fuel	Quantity
1	LDO/FO/CBFS	1300 Lit/Day
2	Coal	1 MT/month

- 3.2 The applicant shall install & operate air pollution control system in order to achieve norms prescribed below.
3.3 The flue gas emission through stack shall conform to the following standards:

Stack No.	Stack attached to	Stack height in Meter	Air Pollution Control system	Parameter	Permissible Limit
1.	Rotary Furnace (0.7 TPH)	30	Trima cyclone + Gravity chamber + bag house + scrubber I.D fan	Particulate Matter SO ₂ NO _x	150 mg/NM ³
2	Melting Furnaces (0.5 TPH)	30	Multi cyclone separator		100 ppm
3	Melting Furnaces (0.5 TPH) (For Lead Alloys)	30	Multi cyclone		50 ppm

- 3.4 There shall be no process gas emission.

Clean Gujarat Green Gujarat
ISO - 9001 - 2008 & ISO - 14001 - 2004 Certified Organisation

For, HJM METALS LLP

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- 3.5 The concentration of the following parameters in the ambient air within the premises of the industry shall not exceed the limits specified hereunder.

PARAMETERS	PERMISSIBLE LIMIT	
	Annual	24 Hrs Average
Particulate Matter-10 (PM ₁₀)	60 Microgram/M ³	100 Microgram/M ³
Particulate Matter- 2.5 (PM _{2.5})	40 Microgram/M ³	60 Microgram/M ³
SO ₂	50 Microgram/M ³	80 Microgram/M ³
NO _x	40Microgram/M ³	80 Microgram/M ³

- 3.6 The application shall install & operate air pollution control equipment very efficiently and continuously so that the gaseous always conforms to the standards specified in condition No. 3.3 & 3.4 above.
- 3.7 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 in condition No. 3.3 & 3.4 above.
- 3.8 The applicant 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.
- 3.9 The industry 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 75dB(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. GENERAL CONDITIONS: -

- 4.1 Any change in personnel, equipment or working conditions as mentioned in the consents form/order should immediately be intimated to this Board.
- 4.2 Applicant shall also comply with the general conditions given in annexure-I
- 4.3 Whenever due to accident or other unforeseen act or ever, such emissions occur or is apprehended to occur in excess of standards laid down such information shall be forthwith reported to Board. Concerned Police Station, Office of Directorate of Health Service, Department of Explosives, Inspectorate of Factories and local body. In case of failure of pollution control equipments, the production process connected to it shall be stopped. Remedial actions/measures shall be implemented immediately to bring entire situation normal.
- 4.4 In order to enable the board to perform its functions of ascertaining the standards of effluent laid down by it for the discharge of the effluent under the condition no 2.3 of this order are complied with by the company while causing discharge of effluent, the applicant shall have to submit every month the analysis report of the samples of effluent got collected and analyzed by one of the laboratories recognized by the state Board.
- 4.5 The Environmental Management Unit/Cell shall be setup to ensure implementation on and monitoring of environmental 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/units also coordinate the exercise of environmental audit and preparation of environmental statements.
- 4.6 The applicant shall also comply with the General Conditions as per Annexure - I enclosed.
- 4.7 The Board reserves the right to review and/or revoke the consent and/or make variations in the conditions, which the Board deems, fit in accordance with Section 27 of the Act.
- 4.8 In case of change of ownership/management the name and address of the new owners/partners/ directors/ proprietor should immediately be intimated to the Board.

5. AUTHORISATION FOR THE MANAGEMENT & HANDLING OF HAZARDOUS WASTES Form-2 (See Rule 5 (4))

- 5.1 Form for grant of authorization for occupier or operator handling hazardous waste.
- 5.2 M/S. HJM METALS LLP is hereby granted an authorization to operate facility for following Hazardous wastes on the premises situated at PLOT NO: 1213, Dholka - GIDC, Dholka Kheda Road, TA: Dholka, DIST: AHMEDABAD.

Sr.No.	Waste	Quantity	Schedule	Facility
1	Plastic Waste	684 MT/Year	X 09	Collections, Storage, Transportation, Disposal By Selling To Registered Recycler

For, HJM METALS LLP
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 DESIGNATED PARTNER



GUJARAT POLLUTION CONTROL BOARD

PARYAVARAN BHAVAN
Sector-10-A, Gandhinagar-382 021.
Website : www.gpcb.gov.in

2	Used Oil	0.05 MT/Year	5.1	Collections, Storage, Transportation, Disposal By Selling To Registered Recycler
3	Discarded Container Empty Bags With Liner	1.2 MT/Year	33.3	Collections, Storage, Transportation, Disposal By Selling To Registered Re - Re Finer
4	Process Residue	20 MT/Month	7.2	Collection, Storage and Reuse in process or Disposal at TSDF site of SEPPL, Kutch
5	Non Ferrous Metal Bearing Sludge And Residue	48 MT/Year	7.4	Collection, Storage, Transportation, Disposal at TSDF site of SEPPL, Kutch

- 5.3 The authorization is granted to operate a facility for collection, storage, transportation and ultimate disposal of Hazardous wastes as above.
- 5.4 The authorization shall be in force for a period up to 27/02/2021.
- 5.5 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.

6. TERMS AND CONDITIONS OF AUTHORISATION

- The applicant shall comply with the provisions of the Environment (Protection) Act - 1986 and the rules made there under.
- The authorization shall be produced for inspection at the request of an officer authorized by the Gujarat Pollution Control Board. The persons authorized shall not rent, lend, sell, and transfer of otherwise transport the hazardous wastes without obtaining prior permission of the Gujarat Pollution Control Board.
- Any unauthorized change in personnel, equipment or working conditions as mentioned in the authorization order by the persons authorized shall constitute a breach of this authorization.
- It is the duty of the authorized person to take prior permission of the Gujarat Pollution Control Board to close down the facility.
- An application for the renewal of an authorization shall be made as laid down in rule 5 (6) (ii).
- Industry shall have to manage waste oil, discarded containers etc as per Amended Rules-2003 and shall apply Authorization/submit details for all applicable waste as per Amended Rules-2003 with 15 days.
- Industry shall submit annual report within 15 days and sub squinty by 31st January every year.

7. General Conditions:

- The waste generator shall be totally responsible for i.e. collection, storage, encapsulation, incineration, treatment, transportation and ultimate disposal) of the wastes generated.
- Records of waste generation, its management and annual return shall be submitted to Gujarat Pollution Control Board in Form – 4 by 31st January of every year.
- In case of any accident, details of the same shall be submitted in Form - 5 to Gujarat Pollution Control Board.
- As per "Public Liability Insurance Act - 91 "company shall get Insurance Policy, if applicable.
- Empty drums and containers of toxic and hazards material shall be treated as per guideline published for "Management & Handling of discarded containers". Records of the same shall be maintained and forwarded to Gujarat Pollution Control Board regularly.
- In no case any kind of hazardous waste shall be imported without prior approval of appropriate authority.
- In case of transport of hazardous wastes to a facility for (i.e. treatment, storage and disposal) existing in a State other than the State where hazardous wastes are generated, the occupier shall obtain 'No Objection Certificate' from the State Pollution Control Board or Committee of the concerned State or Union territory Administration where the facility exists.
- Unit shall take all concrete measures to show tangible results in waste generation, reduction, avoidance, reuse and recycle. Action taken in this regards shall be submitted within three months and also along with Form-4.
- Industry shall have to display the relevant information with regard to hazardous waste as indicated in the Courts Order in W.P. No.657 of 1995-dated 14th October-2003.

For, HJM METALS LLP

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DESIGNATED PARTNER

Clean Gujarat Green Gujarat

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7.10 Industry shall have to display on-line data outside the main factory gate with regard to quantity and nature of hazardous chemicals being handled in the plant, including waste water and air emissions and solid hazardous wastes generated within factory premise.

For and on behalf of
GUJARAT POLLUTION CONTROL BOARD


(J.D.KALYANI) (6)4/16
ENVIRONMENTAL ENGINEER

NO: GPCB/ ID- 47257/CCA/ABD-GEN-1211/ 352546

DT 16/4/2016

ISSUED TO:

M/S. HJM METALS LLP,
PLOT NO: 1213,
DHOLKA - GIDC,
DHOLKA KHEDA ROAD,
TA: DHOLKA, DIST: AHMEDABAD.

Copy to: 1)The Regional Officer, G.P.C. Board, Ahmedabad-Rural For information & Sampling.
2) Hazardous Waste Branch-----for issuance of passbook as Registered Recycle.

For, HJM METALS LLP

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DESIGNATED PARTNER

ANNEXURE - VI

**Statement of the Lead Scrap Quantity Imported
against the Previous Permission**

Month	Quantity in MT
September-2018	79.375
October-2018	53.499
November-2018	25.720
December-2018	26.609
January-2019	0.000
February-2019	74.124
March-2019	0.000
April-2019	74.850
May-2019	330.397
June-2019	26.788
July-2019	9.917
August-2019	114.812
Sept-2019	31.461
October-2019	208.16
November-2019	134.620
December-2019	27.025
January-2020	53.079
February-2020	25.590
Total	1349.236

For, HJM METALS LLP
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DESIGNATED PARTNER

भारत सरकार

पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय

GOVERNMENT OF INDIA

MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE

इंदिरा पर्यावरण भवन, जोर बाग रोड,

नई दिल्ली-110 003

INDIRA PARYAVARAN BHAWAN, JOR BAGH ROAD,

NEW DELHI-110 003

Website : moef.nic.in

Date: 17 September, 2018

F. No. 23-142/2016-HSMD

OFFICE MEMORANDUM

Subject: Permission for import of lead scrap (ISRI Code : Radio, Rakes, Relay, Rents, Ropes, Rails and Racks) to M/s HJM Metals LLP, Ahmedabad, Gujarat-reg.

This has reference to the application dated 07/07/2018 submitted by M/s HJM Metals LLP, Ahmadabad, Gujarat seeking permission for import of 3,500 MT lead scrap(ISRI Code : Radio, Rakes, Relay, Rents, Ropes, Rails and Racks) for recovery/recycling/reprocessing under the provision of Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016.

2. The matter was discussed in the 89th meeting of Expert Committee held on 24th July, 2018 and it is to inform that the Ministry has **no objection for import of 3,500 MT of lead scrap (ISRI Code: Radio, Rakes, Relay, Rents, Ropes, Rails and Racks)** for recovery/recycling/reprocessing by M/s HJM Metals LLP, Ahmadabad, Gujarat , subject to the following conditions:

- (i) The import shall be only for the intended use of recovery/manufacture/ recycling at the unit and the imported material shall not be sold further.
- (ii) The importers would have to ensure that all recyclable materials are actually recycled by them. There should be no disposal of materials other than by recycling.
- (iii) In case of any illegal imports, the consignment will have to be sent back to the exporting country and the importer shall bear the cost for the same.
- (iv) The import shall be regularly monitored by the Concerned SPCB and the Ministry will be kept informed.

3. The permission is valid till the validity of the Consent to Operate/Authorization/Registration for recyclers as issued by the Gujarat State Pollution Control Board or for 18 months from the date of issue of this permission, whichever is earlier.

4. As per Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016, the Customs Authorities at all Ports/ICDs have the responsibility to verify the documents, physically verify the material prior to clearing consignments and ensure that each consignment is accompanied by a Movement Document (Form-9) and a pre-shipment certificate. They are also required to take action under the Customs Act., 1962 and Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 against importers found to be violating these statutes.

(Contd...2)



For, HJM METALS LLP

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DESIGNATED PARTNER

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5. The importer has to obtain an import authorization from DGFT, wherever the import policy of such items are restricted under ITC (HS)/Foreign Trade Policy/Procedures.

6. This issues with the approval of the Competent Authority.

Sonu Singh

(Dr. Sonu Singh)
Joint Director/Scientist 'D'

To:

1. The Member Secretary, Gujarat Pollution Control Board, Sector 10-A Gandhi Nagar-382 043.
2. The Member Secretary, Central Pollution Control Board, Parivesh Bhawan, East Arjun Nagar, Shahdara, Delhi-110 032.
3. The Director (Customs), Ministry of Finance, Department of Revenue, Central Board of Excise and Customs, North Block, New Delhi-110 001.
4. Shri K. C. Rout, Additional Director General, Directorate General of Foreign Trade, Directorate General of Foreign Trade, Udyog Bhawan, H-Wing, Gate No.2, Maulana Azad Road, New Delhi -110011.
5. M/s HJM Metals LLP, Plot No. 1213, Dholka GIDC, Village-Dholka, Kheda Road, District -Ahmedabad- 387810, Gujarat.

Sonu Singh

(Dr. Sonu Singh)
Joint Director/Scientist 'D'

For, HJM METALS LLP

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DESIGNATED PARTNER