

MAHARASHTRA POLLUTION CONTROL BOARD

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LETTER of AUTHORISATION

Authorisation number:

RO-BMW/HW_TRANSPORT/23090000 *24/25*

Date: *15/09/2023*

Reference: Your application vide UAN MPCB-HW_TRANSPORT-0000000546 & 547 received for grant authorisation for transport of hazardous and other wastes under the Hazardous & Other Wastes (Management & Transboundary Movement) Rules, 2016.

- M/s. Thakkar Inorganics Pvt. Ltd., Plot No. 13, HOC Ancillary Industrial Estate, Turade, Vill- Rasayani, Tal. Panvel, Dist. Raigad (Third Party Transporter)** is hereby granted an authorisation as per rule 18 (7) of the Hazardous & Other Wastes (Management & Transboundary Movement) Rules, 2016 based on the enclosed signed inspection report for transportation of hazardous or other wastes or both as per Schedule I & II of the Hazardous & Other Wastes (Management & Transboundary Movement) Rules, 2016 from following authorized waste generating industry (Generator) as per MoU submitted by you:

Sr. No.	Name of Industry (HW Generator)
1)	M/s. Metropolitan Eximchem Pvt. Ltd. Plot No.W-118, MIDC Phase-II, Dombivli, District – Thane.

to authorized recycling / re-refining industries having valid consent / authorisation from CPCB / MPCB or to CHWTSDf, through vehicle(s) bearing number **MH46BU7414 & MH46BU7415**.

- The authorisation granted is valid for a period up to 30/08/2028. However, the Board can revoke the same if the performance of the applicant is found unsatisfactory and not as per the conditions of this authorization.**

- You shall strictly follow the following general and specific conditions:


A. General Conditions of Authorisation:

- The authorised person shall comply with the provisions of the Environment (Protection) Act, 1986, and the rules made there under.
- The authorisation shall be produced for inspection at the request of an officer authorised by the State Pollution Control Board.
- The person authorised shall not rent, lend, sell, transfer or otherwise transport the hazardous and other wastes except what is permitted through this authorisation.
- 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.
- 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.

6. The person authorised shall comply with the provisions outlined in the Central Pollution Control Board guidelines on "Implementing Liabilities for Environmental Damages due to Handling and Disposal of Hazardous Waste and Penalty"
7. It is the duty of the authorised person to take prior permission of the State Pollution Control Board to close down the facility.
8. The imported hazardous and other wastes shall be fully insured for transit as well as for any accidental occurrence and its clean-up operation.
9. The record of consumption and fate of the imported hazardous and other wastes shall be maintained.
10. The hazardous and other waste which gets generated utilisation of imported hazardous or other wastes shall be treated and disposed of as per specific conditions of authorisation.
11. The importer or exporter shall bear the cost of import or export and mitigation of damages if any.
12. 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.
13. An application for the renewal of an authorisation shall be made as laid down under these Rules.

B. Specific Conditions:

1. You shall follow manifest system as per Rule 19 (1) of the Hazardous & Other Wastes (Management & Transboundary Movement) Rules, 2016 through online Web portal system developed by MPCB. You shall maintain all the necessary records.
2. The transporter shall strictly follow the provisions under the Motor Vehicles Act, 1988 and rules made there under.
3. You shall install 'Global positioning system' (GPS) to your Hazardous & Other Wastes transporting vehicle and accordingly inform to this office. Also pay the yearly charges to the GPS provider.
4. **This is issued with the condition to comply jointly and severally responsibility on both (Third party Transporter and Generator) to the terms and conditions mentioned in the authorization.**
5. The applicant shall comply with conditions as stipulated under Annexure-I enclosed.
6. This is issued with the approval of Member Secretary of the Board.

For and on Behalf of
Maharashtra Pollution Control Board

(SAGAR AUTI)
Regional Officer (BMW)

To,
M/s. Thakkar Inorganics Pvt. Ltd.
Plot No. 13, HOC Ancillary Industrial Estate,
Turade, Vill- Rasayani,
Tal. Panvel, Dist. Raigad (**Third Party Transporter**)

Copy for information to:
Regional Officer, MPCB Raigad / Sub Regional Officer, MPCB, Raigad-I.

ANNEXURE – I

1. The transporter shall ensure that the hazardous wastes are packed based on the composition in manner suitable for handling and transportation. The labelling and packaging shall be easily visible and shall be such as to withstand physical conditions and climatic factors.
2. The packaging, labelling and transportation of hazardous wastes shall be in accordance with provisions of rules made by the Central Government under the Motor Vehicles Act, 1988 and other guidelines issued from time to time.
3. All hazardous wastes containers shall be provided with a general label as given in Form-08.
4. The Transporter shall not accept hazardous waste from an occupier for sale/disposal unless it is accompanied by seventh copies of the manifest (Form 10) as per the colour codes. The transporter shall a copy of the manifest signed and dated to the occupier and retain the remaining five copies to be used as prescribed in Rule 19, in following manner.

Copy number with color code	Purpose
Copy 1 (White)	To be forwarded by the occupier to the State Pollution Control Board of Committee
Copy 2 (Yellow)	To be carried by the occupier taking signature on it form the transporter and the rest of the four copies to be carried by the transporter.
Copy 3 (Pink)	To be retained by the operator of the facility after signature.
Copy 4 (Orange)	To be returned to the transporter by the operator of facility/recycler after accepting waste.
Copy 5 (Green)	To be returned by the operator of the facility to State Pollution Control Board/Committee after treatment and disposal of wastes.
Copy 6 (Blue)	To be returned by the operator of the facility to the occupier after treatment and disposal of materials/wastes.
Copy 7 (Gray)	To be sent by the receiver to the State Pollution Control Board of the sender in case the sender is in another state.

5. The transporter shall obtain relevant information in TREM Card in form-09 from occupier, regarding the hazardous nature of the wastes and measures to be taken in case of an emergency.
6. The transporter shall not export or import any type of hazardous wastes.
7. No processing of hazardous wastes shall be carried out by the transporter.
8. The transporter shall maintain proper record of receipt and delivery of the hazardous wastes. This record shall be made available for inspection.
9. It shall be the responsibility of the transporter to take all steps to ensure that wastes listed in Schedule-1, 2, 3 & 4 are properly handled and transported without any adverse effects on the environment.
10. (i) The transporter of hazardous waste shall maintain record of such transportation in Form – 3.



(ii) The transporter of hazardous waste shall send annual returns to the Maharashtra Pollution Control Board in Form – 4.

11. The transporter shall be liable for damages caused to the environment resulting due to improper handling & /or transport of hazardous wastes and shall be liable to reinstate or restore damaged and destroyed elements of the environment.
12. The transporter shall comply with the provisions of Hazardous & Other Wastes (Management & Transboundary Movement) Rules, 2016.
13. The transporter shall comply with the guidelines for packaging, labelling and transportation for hazardous waste given as below:

1. PACKAGING:

The containers must be able to withstand normal handling and retain integrity for a minimum of 6 months. In general, packaging for hazardous substances must meet following requirements.

- (i) Items must be of such a strength, construction and type as not to break open or become defective during transportation.
- (ii) Items must be constructed and closed in a manner to prevent spillage of hazardous substances.
- (iii) Re-packaging materials including fastening must not be affected by the contents or from a dangerous combination with them.

The containers when used for packaging of the hazardous wastes should meet the following requirements:

- A) Container shall be of mild steel with suitable corrosion resistance coating and roll-on roll-off cover which may either be handled by articulated crane or by a hook lift system works comfortably for a large variety of wastes. Other modes of packaging like collection in 200 LMS and plastic drums, cardboard cartons, PP and HDPE/LDPE containers also works for variety of wastes. However, all such container should be amenable to mechanical handling. The design and use of containers should be case specific.
- B) It should be leak proof.
- C) In general, containers for liquid hazardous waste should be completely closed (in face sealed). There should be no gas generation due to chemical reaction and therefore, no need for air vents; expansion due to temperature increase/decrease normally does need air vents.
- D) Container should be covered with soled lid or canvas to avoid emissions, spillage, dust and to minimize odour generation both at the point of loading as well as during transportation.
- E) Container should be easy to handle during transportation and emptying.
- F) As far as possible, manual handling of containers should be minimized. Appropriate material handling equipment shall be used to load, transport and unload containers. This equipment includes drum, dollies, forklifts, drum handling equipment, lift gates and pallets. Drums should not be rolled on or off vehicles.
- G) Where 2-tier or 3-tier storage is envisaged the frame should have adequate strength to hold the containers.
- H) The multi-use containers should be re-usable. One-way containers (especially 150 Litre-drums) are also allowed.
- I) Loads are to be properly placed on vehicles. HW containers are not to overhang, perch, lean or be placed in other unstable position. Load should be secured with straps, clamps braces or other measures to prevent movement and loss. Design of the container should be such that it can be safely accommodated on the transport vehicle.



- J) Dissimilar waste shall not be collected in the same container. Wastes shall be segregated and packed separately. This is necessary to ensure that each waste finds its way to the right disposal pathway.
- K) Occupier/hazardous waste generator shall not resort to the dilution of wastes (predominantly organic wastes)

2. LABELLING:

- (i) There are two types of labelling requirements.
- (ii) Labelling of individual transport containers (ranging from a pint-size to tank and
- (iii) Labelling of transport vehicles.

All hazardous wastes containers must be clearly marked with current contents. The marking must be waterproof and firmly attached so that they cannot be removed. Previous content labels, when different, should be obliterated. Proper marking of containers is essential.

Containers that contain HW must include the words "HAZARDOUS WASTE". The information on the label must include the code number of the waste, the waste type the origin (name, address, telephone no. of generator), hazardous property (e. g. flammable) and the symbol for the hazardous property (e. g. the red square with flame symbol).

The label must withstand the effect of rain and sun.

Labelling of containers is important for tracking the waste from the point of generation up to the final disposal. Following are the requirements for labelling: -

- A) The label should contain the name and address of the waste management facility where it is being sent for treatment and final disposal.
- B) Emergency contact phone numbers shall be prominently displayed. For example, respective Regional Officer of the Maharashtra Pollution Control Board, Fire station, Police Station.

3. TRANSPORTATION:

Following are the requirements pertaining to the transportation of hazardous wastes.

- A) Vehicles used for transportation shall be in accordance with the provisions under the Motor Vehicles Act, 1988 and rules made thereunder.
- B) Transporter shall possess valid authorization from Maharashtra Pollution Control Board for transportation of wastes.
- C) PUCC (Pollution under Control Certificate) shall be properly displayed.
- D) Vehicles should be painted preferably in blue colour with white strip of 15 to 30 width running centrally all over the body. This is to facilitate easy identification.
- E) Vehicles should be fitted with mechanical handling equipment as may be required for safe handling and transportation of the wastes.
- F) The words 'HAZARDOUS WASTE' shall be displayed on all sides of the vehicles.
- G) Name of the facility operator or the transporter, as the case may be shall be displayed.
- H) Emergency phone numbers and TREM Card shall be displayed properly.
- I) Vehicle shall be fitted with roll-on/roll-off covers if the individual containers do not possess the same.
- J) Carrying of passengers except in the cab and those working with the waste haulers, shall be strictly prohibited.



- K) Transport shall carry documents of manifest for the wastes during transportation as required under the Hazardous & Other Wastes (Management & Transboundary Movement) Rules, 2016.
- L) The trucks shall be dedicated for transportation of hazardous waste and shall not be used for any other purpose.
- M) Each vehicle shall carry first aid kit and fire extinguisher.
- N) Educational qualification for the driver shall be minimum of 10th pass (SSC). Driver (s) shall be properly trained for handling the emergency situation and safety aspects involved in the transportation of hazardous wastes.
- O) The design of the trucks should be such that it should prevent spillages during transportation.
- P) Transporter shall promptly attend spillage/accidents, if any, by providing suitable remedial actions as may be required and shall inform concern agencies the occupier, MPCB and Police.
- Q) Exposure of community to the odour, spillages and emissions from hazardous waste shall be avoided during transportation.
- R) In case of failure to comply, any conditions mentioned above and or orders issued by the Board within stipulated time limit, this authorization shall be automatically terminated / suspended, and you shall be liable for action under Environment (Protection) Act, 1986.



(SAGAR AUTI)
Regional Officer (BMW)