



Madhya Pradesh Pollution Control Board

मध्यप्रदेश प्रदूषण नियंत्रण बोर्ड

Parisar, E-5, Arera Colony, Bhopal - 462 016 (M.P.)

पर्यावरण परिसर, ई-५, अरेरा कॉलोनी, भोपाल- ४६२ ०१६ (म.प्र.)

Phone : (0755) 2466 191/ 2464 428 Fax : (0755) 2463 742 E-mail : hsmc117@gmail.com

Bhopal, Date: 13/08/2016

No. 963/HSMD/HOPCB/DD-404/2016

To,

Shri Kamal Shyamsukh,
Director,
M/s. Krasoma Biochem Pvt. Ltd.,
Plot No. 254, Sec-III, Pithampur,
Distt. Dhar (M.P.)

Sub: Authorization for transportation of hazardous wastes within/outside from the State of Madhya Pradesh under Hazardous Wastes & Other Waste (Management and Transboundary Movement) Rules, 2016 for process at Pithampur recycling plant.

The Authorization under Hazardous Wastes & Other Waste (Management and Transboundary Movement) Rules, 2016 is hereby granted for the following vehicles for transportation of Hazardous waste as per the requirement of the above said rule.

No.	OWNER OF THE VEHICLE	VEHICLE REGISTRATION NO.
1.	M/s Atul Transport India, Prop. Kamal Shyamsukh, 61/4, Manoramaganj, Indore	MP-09 HF-8317
2.		MP-09 HF-5126
3.		MP-09 HF-8317
4.		MP-09 HF-5130
5.		MP-09 KC-8340
6.		MP-09 KD-1631
7.		MP-09 HF-4573

The authorization issued under Hazardous Wastes & Other Waste (Management and Transboundary Movement) Rules, 2016 is hereby granted for five years from the issue of this letter for the transportation of hazardous waste from different industrial unit, of Madhya Pradesh and outside the Madhya Pradesh to Krasoma Biochem Pvt. Ltd., Plot No. 254, Sec-III, Pithampur, Distt. Dhar (M.P.)

The terms and conditions of the registration are given in the enclosed letter. Please acknowledge the receipt of this letter.

Encl. page-7.

(A.A. MISHRA)
MEMBER SECRETARY

Endt. No. 964 HSMD/HOPCB/DD-404/2015

Date: 13/06/2016

Copy to:-

1. The Member Secretary, Central Pollution Control Board, Parivesh Bhawan, East Arjun Nagar, Delhi for information and necessary action please.
2. The Regional officer, Regional Office, M.P. Pollution Control Board, Pithampur, for information and necessary action please.
3. The In-charge, IT, M.P. Pollution Control Board, Bhopal for information.
4. The Guard file.

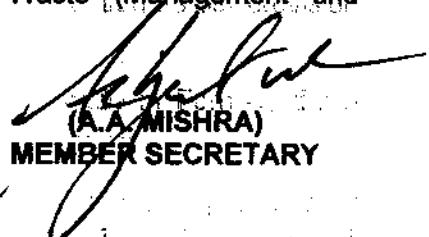

(A. MISHRA)
MEMBER SECRETARY

o/c

FORM-2
[See rule 6(2)]

Form for Grant/Renewal of authorization by M.P. Pollution Control Board for Occupier, Reprocessors, Reusers, Users and Operators of facility for Collection, Reception, Treatment, Storage, Transport and Disposal of Hazardous Waste.

1. Number authorization and date of issue HSMD/MPPCB/DD-404 / 17 dt:
2. The occupier M/s Krasoma Biochem Pvt. Ltd., Plot No. 254, Sec-III, Pithampur, Distt. Dhar (M.P.) is hereby granted the authorization for collection, reception and transportation of the transportation of hazardous waste from different industrial unit, of Madhya Pradesh and outside the Madhya Pradesh to Krasoma Biochem Pvt. Ltd., Plot No. 254, Sec-III, Pithampur, Distt. Dhar (M.P.) for recycling purpose only.
3. M/s Krasoma Biochem Pvt. Ltd, Pithampur shall inform about each lifting of hazardous wastes from the industries to this office.
4. The renewal of authorization shall be in force for five years from the issue of this letter.
5. The authorization is subject to the conditions as enclosed and to such conditions as specified in the rules for the time being in force under the Environment [Protection] Act, 1986. Violation of any of the conditions shall be liable for legal action as per provision under Environment [Protection] Act, 1986.
6. An application for the renewal of an authorization shall be made in Form-1, three months before expiry of authorization.
7. M/s Krasoma Biochem Pvt. Ltd, Pithampur, should submit a monthly statement carrying the details of waste collected from various industries, its categories and its quantity.
8. The Board reserves the rights to amend/cancel/voke/levy any of the condition as and when deemed necessary for implementation of the provisions of the rules.
9. The authorization is subject to the conditions stated below, and the conditions as may be specified in the rules for the time being in force under the Environment (Protection) Act, 1986.
10. M/s Krasoma Biochem Pvt. Ltd, Pithampur shall comply all the conditions as mentioned in the Form-2 of the Hazardous Wastes & Other Waste (Management and Transboundary Movement) Rules, 2016.


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1. The authorization shall comply with the provision of Environment (Protection) Act, 1986 and the rules made there under.
2. The authorization or its renewal shall be produced for inspection at the request of an officer authorized by the State Pollution Control Board.
3. The authorized person/firm shall not rent, lend, sell, transfer or otherwise transport the hazardous wastes without obtaining prior permission of the State Pollution Control Board.
4. It shall be the responsibility/duty of the occupier or operator of a facility to take adequate steps while handling hazardous wastes to contain contaminants and prevent accidents and their consequences on human and environment, and prevent person working on the site with information, training and equipment necessary to ensure their safety.
5. The occupier, importer, transporter and operator of the facility shall be liable for all damages caused to the environment or third party due to improper handling of the hazardous wastes or disposal of the hazardous wastes.
6. If M/s Krasoma Biochem Pvt. Ltd, Pithampur, comes in such a category where insurance under Public Liability Insurance Act is necessary, M/s Krasoma Biochem Pvt. Ltd, Pithampur, will comply with provisions and submit a copy of the policy to the board.
7. The occupier and the operator of the facility shall be liable to pay financial penalties as levied for any violation of the provisions under these rules by the State Pollution Control Board with the prior approval of the Central Pollution Control Board.
8. In case of transportation of hazardous wastes through a State other than the State of origin or destination the occupier shall intimate the concerned State Pollution Control Boards before, he hands over the hazardous wastes to the transporter.
9. The occupier or operator of the Treatment, Storage and Disposal Facility or Recycler shall ensure that the hazardous waste are packaged and labeled, based on the composition in a manner suitable for safe handling, storage and transport as per the guidelines issued by the Central Pollution Control Board from time to time.
10. The labeling and packaging shall be easily visible and be able to withstand physical conditions and climatic factors.

11. The transport of hazardous wastes shall be in accordance with the provisions of the rules made by the Central Government under the Motor Vehicles Act, 1988 and other guidelines issued from time to time in this regard.
12. The transporter shall comply with the provisions of Hazardous Wastes and Other Wastes (Management and Trans boundary Movement) Rules, 2016.
13. M/s Krasoma Biochem Pvt. Ltd, Pithampur, shall not Export or Import any type of hazardous wastes.
14. M/s Krasoma Biochem Pvt. Ltd, Pithampur, shall strictly comply the conditions mentioned in Rule 18 of the Hazardous Wastes and Other Wastes (Management and Trans boundary Movement) Rules, 2016.



15. The authorized person should maintain the records of hazardous wastes as per the Form-3 of rule 6(5),13(7),14(6),16(5) and 20(1) should submit: (a) Annual return in Form No.4, as per rule 6(5),13(8),16(6) and 20(2).
16. The occupier shall provide the transporter with the relevant information in Form-10 regarding the hazardous nature of the wastes and measures to be taken in case of an emergency and shall mark the hazardous wastes containers as per Form-8.
17. M/s Krasoma Biochem Pvt. Ltd, Pithampur, shall prepare six copies of the manifest in Form-10 as per Rules, 19(1) to the Head office & Regional Office of this Board comprising of colour code indicated below and all six copies shall be signed by the transporter.

Copy number with colour code [1]	Purpose [2]
Copy 1 (white)	To be forwarded by the occupier to the State Pollution Control Board or Committee.
Copy 2 (yellow)	To be carried by the occupier after taking signature on it from the transporter and rest of the four copies to be carried by the transporter.
Copy 3 (pink)	To be retained by the operator of 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 Hazardous material / wastes.

18. The occupier shall forward copy 1[white] to the State Pollution Control Board and in case the hazardous wastes is likely to be transported through any transit state, the

occupier shall prepare and additional copy each for intimation to such State and forward the same to the concerned State Pollution Control Board before he hands over the hazardous wastes to the transporter.

- 18. Where an accident occurs at the facility or on a hazardous waste site or during transportation of the hazardous waste, the occupier or operator of the facility or the transporter, as the case may be, shall report immediately to the State Pollution Control Board about the accident in Form-14.



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

- (i) All packaging materials including containers shall be of such strength, construction and type as not to break open or become defective during transportation.
- (ii) All packaging materials including containers shall be so packaged and sealed that spillages of hazardous wastes/ substances are prevented during transportation due to jerks and vibrations caused by uneven road surface.
- (iii) Re-packaging materials including that used for fastening must not be affected by the content or form a dangerous combination with them.
- (iv) Packaging material should be such that there will be no significant chemical or galvanic action among any of the material in the package.

- 20. The containers when used for packaging of the hazardous wastes should meet the requirements :-

- (A) Container shall be of mild steel with suitable corrosion, resistant coating and roll-on roll-off cover, which may either be handled by articulated crane or by a hook lift system comfortably for a large variety of wastes. Other modes of packaging, like collection in 200 - liter plastic drums, card board cartons, PP and HDPE/LDPE containers etc., also work for variety of wastes. However, all such container should be amenable to mechanical handling.
- (B) It should be leak proof.
- (C) In general, the containers for liquid hazardous waste should be completely closed, in fact sealed. There should be no gas generation due to chemical reaction within the container, and hence, there should not be any need for air vents; expansion due to increase / decrease in temperature normally does not need air vents.

- (D) Container should be covered with solid lid or a canvas to avoid emissions of any sort including spillage, dust etc. and to minimize odour generation both at the point of loading as well as during transportation.
- (E) Container used for transportation of waste should be able to withstand the shock loads due to vibration effect/undulations of pavements etc.
- (F) Container should be easy to handle during transportation and emptying.
- (G) As far as possible manual handling of containers should be minimized. Appropriate material handling equipment is to be used to load, transport and unload containers. This equipment includes drum trolleys and forklifts, drum handling equipment, lift gates and pallets. Drums should not be rolled on or off vehicles.
- (H) Where a two tier or three tier storage is envisaged, the frame should have adequate strength to hold the containers;
- (I) One-way containers (especially 160-litre drums) are also allowed. The multi-use containers should be re-usable provided it should be cleaned and free from deterioration or defects.
- (J) Loads are to be properly placed on vehicles. HW containers are not to overhang, perch, lean or be placed in other unstable base. 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.
- (K) Dissimilar wastes 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 point.
- (L) Occupier/hazardous waste generator shall not resort to the dilution of wastes (predominantly organic wastes);

21. There are two types of labeling requirements :

- (i) Labeling of individual transport containers (ranging from a pint - size to a tank) and,
- (ii) Labeling of transport vehicles.

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

Containers that contain HW shall be labeled with the words "HAZARDOUS WASTE" in Vernacular language, Hindi / English. The information on the label must include the code number of the waste, the waste type the origin (name, address, telephone number 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. Labeling of containers is important for tracking the wastes from the point of generation up to the final point of disposal. The following are the requirements for labeling :-

- (a) The label should contain the name and address of the Occupier and Operator of the facility, where it is being sent for treatment and final disposal.
- (b) Emergency contact phone numbers shall be prominently displayed viz. the phone numbers of concerned Regional Officer of the SPCB / PCC, Fire Station, Police Station and other agencies concerned.

22. The 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 there under;
- (b) The truck dedicated for transportation of hazardous wastes shall not be used for any other purpose. Firm shall intimate the truck details individual registration No. Make/Model to the Board in advance.
- (c) Transporter shall possess requisite copies of the certificate (valid authorization obtained from the concerned SPCB/PCC for transportation of wastes by the wastegenerator and operator of a facility) for transportation of hazardous waste.
- (d) Transporter should have valid "Pollution Under Control Certificate" PUCC during the transportation of HW and shall be properly displayed.
- (e) Vehicles shall be painted preferably in blue colour with white strip of 15 to 30 cm width running centrally all over the body. This is to facilitate easy identification.
- (f) Vehicle should be fitted with mechanical handling equipment as may be required for safe handling and transportation of the wastes.
- (g) The words "HAZARDOUS WASTE" shall be displayed on all sides of the vehicle in Vernacular Language, Hindi, English.
- (h) Name of the facility operator or the transporter, as the case may be shall be displayed.

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- (i) Vehicles shall be fitted with roll-on/roll-off covers if the individual containers do not possess the same;
- (j) Carrying of passengers is strictly prohibited and those associated with the waste haulers, shall be permitted only in the cabin.
- (k) Transporter shall carry documents of manifest for the wastes during transportation as required under Rule 21 of the Hazardous Wastes and Other Wastes (Management and Trans boundary Movement) Rules, 2016.
- (l) The truck dedicated for transportation of hazardous wastes shall not be used for any other purpose. Firm shall intimate the truck details individual registration No. Make/Model to the Board in advance.
- (m) Each vehicle shall carry first aid kit, spill control equipment and fire extinguisher, all the vehicles should have GPS facility and online accessibility of GPS to concerned Regional Office, MPPCB and Head Office, MPPCB, Bhopal.
- (n) HW transport vehicle shall run only at a speed specified under Motor & Vehicle Act in order to avoid any eventuality during the transportation of HW.
- (o) Transport of hazardous wastes shall be in accordance with the provisions of the rules made by the Central Government under the Motor Vehicles Act, 1988 and other guidelines issued from time to time in this regard.
- (p) Educational qualification for the driver shall be minimum of 10th pass (SSC). The driver of the transport vehicle shall have valid driving license for heavy vehicles from the State Road Transport Authority and shall have experience transporting the chemicals.
- (q) Driver (s) shall be properly trained for handling the emergency situation and safety aspects involved in the transportation of hazardous wastes.
- (r) The design of the trucks shall be such that there is no spillage during transportation;
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(A.A. MISHRA)
MEMBER SECRETARY

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