



WEST BENGAL POLLUTION CONTROL BOARD

(Department of Environment, Govt. of West Bengal)

Paribesh Bhawan

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Authorisation letter no.:

Memo No. 221/2S(HW)–3550/2018

Date: 06/12/2018

FORM 2

Grant of Authorization under the provisions of the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016

Ref.: Application for fresh authorization dated 26.09.2018 for management & handling of hazardous waste.

M/s Medicare Environmental Management Pvt. Ltd.,

41, F Road, Belgachia, P.O.: Howrah, P.S. : Liluah, Dist. : Howrah, Pin – 711105, West Bengal

is hereby granted an authorisation based on the enclosed signed inspection report for generation, collection, reception, storage, transport, reuse, recycling, recovery, pre-processing, co-processing, utilisation, treatment, disposal, or any other use of hazardous or other wastes or both on the premises situated at **41, F Road, Belgachia, P.O.: Howrah, P.S. : Liluah, Dist. : Howrah, Pin – 711105, West Bengal.**

Details of Authorisation

Sl. no.	Category of Hazardous Waste as per the Schedule I, II and III of these rules	Authorised mode of disposal or recycling or utilization or co-processing etc.	Quantity (ton/annum)
1.	5.1	Recycling through authorized recyclers.*	0.0103
2	33.2	Disposal to CHWTSDF	0.10
3	37.2	Disposal to CHWTSDF	128.0
4.	35.3	Disposal to CHWTSDF	14.0

* For detail refer to Specific Conditions.

(1) Authorisation shall be valid for a period upto **30.09.2023** with effect from the date of issue.

(2) The authorisation is subject to the following general and specific conditions.


[Chief Engineer]
Waste Management Cell
West Bengal Pollution Control Board

A. General conditions of authorisation


1. The authorised person shall comply with the provisions of the Environment (Protection) Act, 1986, and the rules made there under.
2. The authorisation or its renewal shall be produced for inspection at the request of an officer authorised by the State Pollution Control Board.
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.
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.
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;
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 during recycling or reuse or recovery or pre-processing or 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. An application for the renewal of an authorisation shall be made three months before the expiry of such authorisation.
13. 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.
14. Annual return in Form 4 shall be filed by June 30th every year for the period ending 31st March of that year.

B. Specific conditions:

1. The unit shall store the hazardous wastes (category wise separately) under shade in an environment friendly safe manner within the premises at designated places.
2. The unit shall not store hazardous wastes onsite for more than 90 (ninety) days.

3. Contaminated cotton and other cleaning material (33.2), Incineration ash (37.2) and ETP Sludge (35.3) to be disposed to the Common Hazardous Waste Treatment, Storage & Disposal Facility through manifest system (Form 10).
2. Used oil (5.1) shall be sold through manifest system (Form 10) to the authorized recyclers having valid authorization of the State Pollution Control Board. During each sale, the original Pass-book issued by SPCB to the authorized recyclers shall be endorsed mentioning the quantity and copy of the same shall be kept as record.
5. Transport of hazardous and other waste shall be in accordance with the Hazardous & Other Wastes (Management & Transboundary Movement) Rules, 2016, guidelines issued by the Central Pollution Control Board (CPCB) and rules made under the Motor Vechiles Act, 1988. The responsibility of safe transport shall be either of the sender or the receiver whosoever arranges the transport and this responsibility shall be clearly indicated in the Manifest.
6. The unit shall submit copies of Form 10 to the State Board on a regular basis.
7. Records of hazardous waste generation, storage and disposal shall be maintained properly and shall be available to the inspecting officials of the State Board during inspection.
8. The unit shall update regularly the environmental information in Display Boards as per the order of the Hon'ble Supreme Court dated. 14.10.2003 in W.P.(C) NO.657 of 1995.
9. Authorisation will be revoked in case of non-compliances with any of the above conditions.

✓ **M/s Medicare Environmental Management Pvt. Ltd.,
41, F Road, Belgachia, P.O.: Howrah, P.S. : Liluah,
Dist. : Howrah, Pin – 711105, West Bengal.**


[Chief Engineer]
Waste Management Cell
West Bengal Pollution Control Board

Enclosed: As stated

Inspection report

1. **Name and address of the unit** : **Medicare Environmental Mgt. Pvt. Ltd**
Belgachia, Howrah.
2. **Date of inspection** : 07.08.2018
3. **Name of the inspecting officer** : **Sri S. Mondal, Assistant Environmental Engineer, Waste Management Cell, WBPCB.**
4. **Person met during inspection** : Mr. Krishnendu Dutta , Head of Plant Operation.

5. Status:

This is a Common Bio-Medical waste Treatment Facility (CBWTF) having treatment capacity of 30,000 nos. of beds/day and provides its service to 1766 nos. of health care facilities covering the districts, Kolkata(partly), Howrah, and partly of 24 Parganas (South). The representative of the unit informed that about 6500 kg of BMW (Incinerable-83%, Autoclaving – 17%) is treated in every day. The unit has two nos. HSD fired (150 Lt./day) dual chambered incinerators of capacity 250 kg/hr. & 250 kg/hr. APCD of the incinerator sequentially comprises of Quencher, Multi Cyclone, Ventury Scrubber, Cyclone Separator (only for new incinerator), Wet scrubber, & separate Stack of height 30 mtr.(approx.) from G.L. provided with each of the incinerator. The unit has installed one Autoclave of capacity 800 lit/batch with computer recording facility. It has one shredder of capacity 60 kg/hr. Bottole shredder – 80 kg/hr. for shredding of treated/disinfected bio-medical wastes(not in operation). There was an Effluent Treatment Plant (ETP) for treating of waste water generated from scrubbers attached to incinerator and the treated water is again recycled for scrubbing. The waste water generated is about 120 KLD. There was a Vehicle wash platform just adjacent to the ETP and the waste water generated from washing is treated in ETP. One no. silent DG set of capacity 125.5KVA has been installed with stack of height 4.5 mtr (approx.) from G.L.

6. Observation :

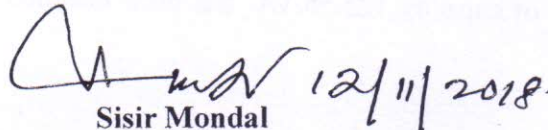
Following observations were made during inspection.

- The unit has two incinerators. However, during inspection one Incinerator (old one) was in operation with operational load, 200 Kg/hour (average) and temperature at secondary chamber at 1010 °C. The air pollution control devices attached to the incinerator were in operation and low visible stack emission was noticed. A large amount of incinerable wastes were stored on paved/cemented floor and covered with plastic sheet just back side of the incinerator room. The representative of the unit informed that these waste will be transferred to Haldia Facility (WBWML) for incineration. One no stack sample was taken from the stack attached to incinerator and was sent to central laboratory for analysis.
- Huge quantities of shredded plastic wastes were noticed during inspection though the only autoclave had been shut down since 15.3.18. When asked, the authority stated that plastic wastes were shredded after chemical treatment. As autoclave was not in operation from Mar. 18, 115756 kg. of plastics were also sold during Mar. 18 and June 18 only after chemical disinfection as stated.
- During inspection, the autoclaves were not in operation. The shredders were also found not in operation. It was reported that autoclaves were kept in shutdown condition.

- The incinerator ash and ETP sludge were stored in a secured place and disposed of to Common Hazardous Treatment Storage and Disposal Facility at Haldia in time. As per the records available during inspection, 294640 kg. of incinerator ash was shown as disposed in Annual Report for 2017.
- All the sub units of effluent treatment plant (ETP) were not in operation and the partially treated water was recycled in the wet scrubber. Huge scum was noticed on the settling pits. One no. treated liquid effluent sample was collected and analysed in our laboratory at Central Laboratory. The analysis reports reveal that the unit has failed to comply with the discharge standard in respect of both air and water. The reports are placed in the file.
- The physical observation suggests that ETP is not operated on regular basis and sludge are not also collected regularly.

7. **Remarks:**

- The unit has valid consent to operate (upto -30.11.2018). Bio-medical Waste Authorization' has expired on 30.11.2017 and had applied for renewal of the same.
- The storage of untreated or treated BMW in open space shall not be allowed. Necessary arrangement is to be made for intermediate storage of incinerable biomedical waste under a shed and to be disposed of within 48 hrs.
- House-keeping in and around the stack of incinerator need to be improved.
- The duties of the operator of a common bio-medical waste treatment and disposal facility (CBWTF) as enunciated under Rule 5 of the Bio-medical Waste Management Rules, 2016 shall be ensured and complied with.
- The unit may be directed to take necessary measures to bring down the pollution level so as to meet the Board's prescribed standard in respect of both air and water.

 12/11/2018.

Sisir Mondal

Assistant Environmental Engineer (WMC)
West Bengal Pollution Control Board