



WEST BENGAL POLLUTION CONTROL BOARD

(Department of Environment, Govt. of West Bengal)

Paribesh Bhawan

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Authorisation letter no.:

Memo No. 166 /2S(HW) – 3480/2018

Date: 27 .08.2018

FORM 2

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

Ref.: Application for renewal of authorization dated 13.03.2018 for management & handling of hazardous and other waste.

M/s. Hiranmaye Energy Ltd. [Formerly, India Power Corporation (Haldia) Ltd.],

P.O.: Shibramnagar, P.S.: Bhabanipur, District : Medinipore (E), PIN – 721 635, 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 **P.O.: Shibramnagar, P.S.: Bhabanipur, District : Medinipore (E), PIN – 721 635, 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 *	10.0
2.	33.1	Recycling through authorized recyclers. *	4.0
3.	5.2	Disposal to CHWTSDF. *	4.0
4.	35.2	Disposal to CHWTSDF. *	0.6

* For detail refer to Specific Conditions.

(1) Authorisation shall be valid for a period upto **31.03.2023** 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 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 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 and the unit shall not store hazardous waste on site for more than 90 days.
2. Spent ion exchange resin (35.2) & oil soaked cotton waste (5.2) shall be disposed to the CHWTSDF through Manifest system (Form-10).

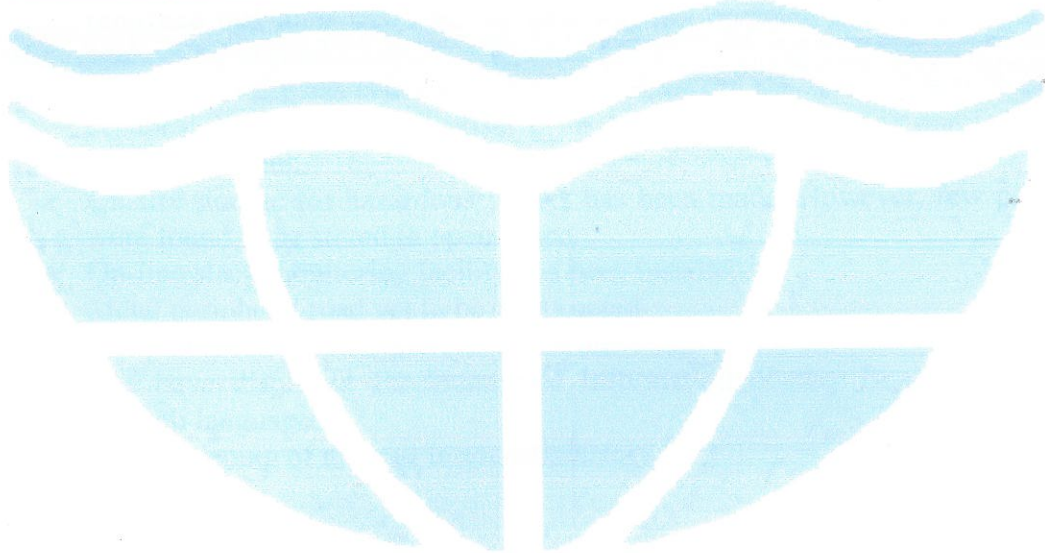
3. Used oil (5.1) shall be sold through manifest system (Form 10) to the authorized recyclers having valid authorization of the State Pollution Control Board. During each sale, the original Pass-book issued by SPCB to the authorized recyclers shall be endorsed mentioning the quantity and copy of the same shall be kept as record.
4. Empty and discarded containers/ drums /barrels of hazardous chemicals and wastes (33.1) shall be disposed through drum cleaning unit(s), authorized by SPCB. If not fit for cleaning, then the same shall be sent to the Common Hazardous Waste Treatment, Storage and Disposal Facility through manifest system.
5. The unit shall submit copies of Form 10 to the State Board on a regular basis.
6. 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.
7. 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.
8. Authorisation will be revoked in case of non-compliances with any of the above conditions.

✓ **M/s. Hiranmaye Energy Ltd. [Formerly, India Power Corporation (Haldia) Ltd.],**
P.O.: Shibramnagar, P.S.: Bhabanipur,
District : Medinipore (E), PIN – 721 635, West Bengal.

WEST BENGAL


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

Enclosed: As stated.




Inspection report

1. **Name and address of the unit** : M/s Hiranmaye Energy Ltd.
Formerly, [M/s. India Power Corporation (Haldia) Ltd.]
Vill. – Kashberia, P.O. – Shibramnagar, P.S.:
Bhabanipur, Haldia, Dist. – Purba Medinipore.
2. **Date of inspection** : 11.06.2018.
3. **Name of the inspecting officer** : i) Mr. S. Mondal, Asstt. Env. Engineer, WMC.
ii) Mr. Kunal Shoo, AEE, Haldia R.O.
4. **Person met during inspection** : Mr. Kamal Kumar Jana, AGM(Liasoning).
5. **Observation:**

- This is a proposed coal based power plant having two power generating units each of capacity 150 MW. The unit has two boilers each of capacity 405 MT/hr. Each of the unit is provided with individual E.S.P. as APC device followed by composite stack of height 220 m. from G.L. with stack gas monitoring facility. Both of the power plants have been commissioned.
- The unit has installed effluent treatment plant, comprising of Guard pond, Flash Mixer, Flocculator, inclined surface settler, sludge pit and ash slurry sump.
- During inspection the unit was not in operation and the representative of the unit informed that after trial run, the unit was not operated due to non-availability of coal.
- The unit has dry ash evacuation facility and the dry ash is stored in two silos each of capacity 2000 M³. For disposal of wet sludge, the unit has one ash pond with internal partition.
- On-site storage for hazardous wastes has been made. However, few plastic drums were found to be stored in open space.
- On-line stack monitoring facility has been installed.
- Metal peripheral road yet to be constructed.
- The plantation programme was going on.
- The have displayed Environmental Information display Boards in English and Bengali languages.
- House keeping of the unit is not satisfactory.

6 **Remarks :**

- i) The unit shall not store drums/barrels in open space. Waste to be disposed of on regular basis.
- ii) House keeping needs to be improved.
- iii) All the internal roads shall be made black topped in order to avoid resuspension of dust during movement of vehicles.
- iv) The unit has obtained consent to operate, valid upto 30.11.2021.


S. Mondal 20-08-2018.
Assistant Environmental Engineer
Waste Management Cell.