



MADHYA PRADESH POLLUTION CONTROL BOARD

"Paryavaran Parisar", E-5 Arera Colony, Bhopal – 462 016
Phone No : 0755-2466191, 2464428 Fax : 0755-2463742 Email : it_mppcb@rediffmail.com

70

No. **438** /MPPCB/SE/Ewaste/2017

Bhopal, Dated **14-2-17**

FORM 1(bb)

[See rules 4(2), 13(2) (iii) and 13(4)(ii)]

To,

The Occupier
M/s Surya Roshni Limited
Lighting Division,
J-7 to 11, Industrial Area
Malanpur, Distt- Bhind (M.P.) - 477117

Sub: **Grant of authorisation for generation or storage or treatment or refurbishing or disposal of e-waste by manufacturer – reg.**

Ref: Your application for Grant of Authorisation vide letter no.SRL:BKB:MPPCB:2016-17/3749 dated 15/11/2016 and latest communication dated 25/01/2017.

1. (a) Authorisation no. **MPPCB/eWaste/Auth-Manf/2017 - 01** and. (b) date of issue **14.02.2017**
2. **Vice President** of M/s Surya Roshni Limited (Lightening Division) is hereby granted an authorisation for generation, storage, treatment, disposal of e-waste on the premises situated at Plot No. **J-7 to 11, Industrial Area, Malanpur, District Bhind (MP)** for the following:
 - a).Quantity of e-waste – (1) **Fluorescent Tube Lights (FTL) – 34 MT/Year**
(2) **Compact Fluorescent Lamps (CFL) – 20 MT/Year**
 - b. Nature of e-waste - **Fluorescent and other Mercury containing lamps**
Code - **CEEW5**
3. The authorisation shall be valid for a period of five years from **01/01/2017 to 31/12/2022**.
4. The e-waste mentioned above shall be treated/disposed off in a manner as per **EST given in CPCB guideline (Recycling)** at Plot No. **J-7 to 11, Industrial Area, Malanpur, District Bhind (MP)**.
5. The authorisation is subject to the conditions **enclosed** and such conditions as may be specified in the rules for the time being in force under the Environment (Protection).

Enclosed: As above

For & On behalf of M.P. Pollution Control Board


(A.A. Mishra)

Member Secretary

Copy to :

1. Member Secretary, Central Pollution Control Board, Parivesh Bhavan, CBD-Cum-Office Complex, East Arjun Nagar, Delhi – 110032 for information please.
2. Regional Officer, Regional Office, M.P. Pollution Control Board, Housing Board Colony, Deendayal Nagar, Gwalior (M.P.) for information and necessary action. Please submit the compliance of conditions atleast annually to the Board.
3. Incharge IT Cell, M.P. Pollution Control Board, Bhopal (M.P.) for information and to upload the authorisation on the Board's website.



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69

Enclosure

Terms and conditions of authorisation

1. The authorisation shall comply with the provisions of the Environment (Protection) Act, 1986, and the rules made thereunder.
2. The authorisation or its renewal shall be produced for inspection at the request of an officer authorized by the concerned State Pollution Control Board.
3. Any unauthorised change in personnel, equipment as working conditions as mentioned in the application by the person authorized shall constitute a breach of his authorisation.
4. It is the duty of the authorised person to take prior permission of the MP Pollution Control Board to close down the operations.
5. An application for the renewal of an authorisation shall be made as laid down in sub-rule (vi) of rule 13(2).
6. The authorized person shall obtain authorisation from the Board for all the hazardous wastes generated during recycling of the ewaste.
7. The authorized person shall obtain EPR authorisation from the CPCB as per Rule 13(1) of the Ewaste Management Rules 2016.
8. **The authorized person shall install the online mercury monitoring system as per the guidelines within 03 months as per proposal submitted to the Board.**
9. The authorized person shall comply with the guidelines issued by CPCB for recycling and monitoring of the compliance of ewaste Management Rules 2016. Some of the related issues are as under :

A For fluorescent and other mercury containing lamp recycling, the unit shall have at least following systems:

- (i) Mechanical feeding system.
- (ii) Mercury spill collection system.

(iii) Lamp Crushing System, under vacuum, for separation of mercury-contaminated phosphor powder & mercury vapors from other crushed components, so as not to cause release of any pollutant, including mercury vapor.



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68

(iv) System for segregation of mercury vapour from the phosphor powder through a distillation system for separation & recovery of mercury.


(v) Air pollution control system (APCS) which shall include HEPA (High Efficiency Particulate Arrestor) filter system or activated carbon filter system or any other equivalent efficient system for separation/ removal of mercury vapor from mercury contaminated phosphor powder'

(vi) Arrangement for disposal of mercury contaminated filter pads to TSDF.

(vii) On line mercury monitoring system, to have check on emission of mercury, which has to be in compliance to the consented norms.

B. The fluorescent and other mercury containing lamp recycling unit shall have following obligations:

- (i) The emission outlet shall comply with the norms for mercury prescribed in the consent document. The norm for mercury emission is 0.2 mg/m³ (Normal) as prescribed under E(P) Act, 1986 for mercury emission from other category of industries.
- (ii) For discharge of effluent the limit for mercury as (Hg) should be less than equal to 0.01mg /liter as prescribed under E (P) Act, 1986.
- (iii) The unit shall have trained / skilled manpower to handle hazardous substances such as mercury mixed phosphor in respect of treatment/recycling.
- (iv) The unit shall dispose all the unrecoverable wastes from the treatment site, to a TSDF
- (v) The unit shall maintain record of used fluorescent and other mercury containing lamp collected & recycled, recovery of mercury and other components. It shall, also, maintain the records pertaining to the generation, storage, transport and disposal of the wastes generated in the process.
- (vi) The unit shall take up ambient air quality monitoring, particularly, in reference to mercury levels with a frequency of once in a month through a recognized laboratory, for third party verification.


(A.A. Mishra)
Member Secretary