



ಕರ್ನಾಟಕ ರಾಜ್ಯ ಮಾಲಿನ್ಯ ನಿಯಂತ್ರಣ ಮಂಡಳಿ

Karnataka State Pollution Control Board

“ಪರಿಸರ ಭವನ್”, 1 ರಿಂದ 5ನೇ ಮಹಡಿಗಳು, ನಂ. 49, ಚರ್ಚ್ ಸ್ಟ್ರೀಟ್, ಬೆಂಗಳೂರು - 560 001, ಕರ್ನಾಟಕ ರಾಜ್ಯ, ಭಾರತ
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No.PCB/WMC/142/E-Manifest/Board Subject/2021/ 6003

Date: 31 MAR 2021

CIRCULAR

Sub: Implementation of **E-Manifest** under the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 in the Karnataka State Pollution Control Board -reg.

Ref:- Board O.M. No.3998, dated 15.12.2020.

The Hazardous Waste (Management and Handling) Rules 2016, mandates the industries to maintain Hazardous Waste Manifest (or Manifest) a shipping document, prepared and signed by the authorized sender, that travels along with the hazardous waste from the point of generation, through transportation, to the final treatment, storage, and disposal facility (TSDF).

The manifest contains details such as type and quantity of the hazardous waste being transported, instructions for handling the waste and signature lines for all parties involved in the disposal process. The objective of the manifest system is to track hazardous waste from the time it leaves the generator facility until it reaches the off-site waste management facility (TSDF, Incinerator, recyclers, re-processors, Pre-processors) that will store, treat or dispose of the hazardous waste.

Until now, returns and records under the Hazardous Waste (Management and Handling) Rules, 2016 were received and processed manually making it a very tedious process. To simplify the same, an IT initiative in the form of **E-Manifest** is taken up by the Karnataka State Pollution Control Board in the State of Karnataka.

The subject regarding implementation of E-Manifest was discussed in the 231st Board Meeting held on 24.11.2020 and it was initiated vide reference to implement **E-Manifest** under the provisions of the Hazardous Waste (Management and Handling) Rules, 2016 in the Board.

E-Manifest is a web based application which enables registration and collection of Hazardous wastes, transaction control, transparency in operations, accountability at all levels, sustainability and convenience to all stakeholders.

The following are the highlights of the **E-Manifest** and steps involved as per provisions of above Rules to be followed by all concerned stakeholders.

E-Manifest Application includes:

- i. Web application for Online Hazardous Waste Manifest.
- ii. Technical Support, Maintenance & Hosting of the application at KSPCB Data Centre.

Following steps are involved under the E-Manifest.

ONE TIME UPDATES:

a) Registration (For Generators/Transporters/Industries):

- Register using Name, Mobile No, E-mail ID and set password.
- Login using Mobile No and password.
- Industry profile updation: To be updated along with Consent/Authorization Validity.
- Schedule-wise and category-wise details of waste to be entered by individual industries issued with the Consent of Authorization by the Board.
- Waste generator or facilitator or transporter must enter vehicle details such as vehicle Number and Authorization.
- Routine Updation : Inventory of waste quantities to be updated on daily basis.

b) E-Manifesto Generation :

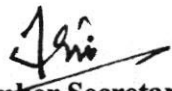
- Select the waste disposing facilitator (TSDF, CETP, recycler, etc.).
- Select transporter and vehicle No.
- Select the schedule-wise waste category along with quantity and physical form.
- Enter if any special treatment is required.
- Click to generate the E-Manifest.
- Acceptance/Rejection by the Transporter-
- After approval by the transporter, Common Hazardous Waste Disposal Facility shall accepted/rejected the hazardous waste.

c) One-time approval of the registered industry by the Regional Office

List of the registered industries shall appear on the web-portal once the industries register themselves. The concerned RO shall approve the industry registration after verifying the details.

The history of the transactions of the hazardous waste Manifest and inventory can be viewed in the E-Manifest portal.

It is decided to implement the above E-Manifest in the Board from 01.04.2021. All ROs and RSEOs are hereby directed to adopt and implement the same from 01.04.2021. No manual Manifest shall be used after 01.04.2021. For any clarifications in the above regard, Sri. Yeshwanth (Software Engineer, KSPCB Head Office) may be contacted at 9035041999.


Member Secretary

To,

1. All Hazardous waste & Other waste generating industries, TSDFs, Common Incinerators, CETPs, all type of re-cyclers etc., in Karnataka.
2. All RSEO's/ RO's.

Copy to:

1. The Technical Officer to the Chairman to bring to the kind attention of the Chairman.
2. CEO -1, 2 & 3.
3. All Section Heads, Board Office
4. SEO, E-Governance Cell for uploading the circular in the Board Web Site.
5. Case file.