



TELANGANA STATE POLLUTION CONTROL BOARD

Paryavarana Bhavan, A-3, Industrial Estate, Sanathnagar, Hyderabad – 500018

Phone: 040 – 23887500

// By Regd. Post with Ack. Due //

Order No. TSPCB/ BMW/ Bar Coding/2018 - 2636

Dt.28.11.2018

// DIRECTIONS //

Sub: TSPCB –Bio-Medical Waste Management Rules, 2016 and amendments thereof – CPCB guidelines for Implementation of online bio-medical waste manifest with Bar Coding System in Telangana area – Directions issued - Reg.

As per Rule 4(i) and 5 (c) of BMW Rules, 2016 and its amendment thereof, every HCF and CBMWTF shall maintain Bar Coding System for disposal of Bio-Medical Waste.

The CPCB has issued Guidelines in the Month of April, 2018 for implementation of Bar Code System for BMW Collection bags. As per the guidelines “the operator of a CBMWTF should purchase and operate Bar Code based Waste Management System software. The software should support multiple user logins for each HCF (occupier), admin login and regulatory login for respective SPCB/PCC/DGAFMS, CPCB, MoEF & CC, Central /State Health Departments. Such logins should be provided to the regulatory authority voluntarily without any charges. The application software should be loaded at any cloud server or servers of SPCB/PCC as per the discretion of SPCBs / PCCs by 27.03.2019”.

In compliance to the CPCB guidelines, the Board requested the M/s. Centre for Good Governance (CGG) to develop web based application for online Bio-Medical Waste Manifest with Bar-coding. Accordingly, the CGG has developed the web application for Bar coding system. The CGG has presented demos of the application and updations were carried out from feedback of CBMWTFs and Board Officials. Presently, the web application is ready to launch.

Earlier, the Board vide mail dated 11th September, 2018 instructed all the CBMWTF's to complete the registration of their respective member HCF's in the BMW online manifest application in TSPCB website by obtaining contact phone no. & e-mail address. But it was observed that most of the facilities have not followed the instructions of the Board.

Mean while, the CGG forwarded the hardware specifications to be provided for implementing the online BMW Manifest with Bar code system web application vide mail dated 27.09.2018 (i.e., QR code label printers, Android Phone for Scanning laser and Bluetooth printer for manifest print). All the facilities are required to provide hardware with these specifications to implement the bar code system for collection, transfer and treatment of bio-medical waste. **(Annexure – I is enclosed)**

P.T.O

Subsequently a meeting was held on 09.11.2018 with the CGG team, Board officials, CBMWTFs along with representative of HCF's and the demo of the online Bio-Medical waste manifest with bar-coding was presented by the CGG to clarify the doubts raised by the facilities / HCFs.

During the meeting, the CBMWTFs representatives informed that most of the HCFs are not providing mobile numbers for creating Ids in TSPCB website to complete the registration process.

In view of the above, you are hereby directed

- i. To register all your member HCFs duly following the procedure for creating login ids by obtaining mobile numbers and email address of HCFs within 7 days.
- ii. To make sure that the member HCFs will confirm the data provided in the BMW online manifest application within 10 days.
- iii. The CBMWTFs shall procure specified hardware equipment within 10 days, to start collecting BMW by using online manifest.
- iv. To implement 'Q-R code' labelled bags for collection of segregating BMW as per the BMWM Rules and online BMW Manifest with Bar code system web application with effect from 01.12.2018 .

The CBMWTFs & HCFs shall follow above instructions scrupulously, failing which action will be initiated against defaulters as per the Rules.

Sd/-
MEMBER SECRETARY

To
All the CBMWTFs in Telangana State

Copy to:

1. The Commissioner, TSVVP, Hyderabad for information and necessary action.
2. The Director of Medical Education, Hyderabad for information & necessary action.
3. The Direction of Public Health & Family Welfare for information and necessary action.
4. The Indian Medical Association (IMA), Hyderabad for information & necessary action.
5. The President / General Secretary, Telangana Hospitals and Nursing Home Associations (THANA), # 4-5-357/A, II Floor, IMA Building, Esamiabazar, Koti, Hyderabad for information and issue instructions to HCFs to take action to comply.
6. The President / General Secretary, CBMWTFs Association Telangana State.
7. The JEEE, ZO, Hyderabad and JCEE, ZO RC Puram for information and necessary action.
8. The Regional Office, Hyderabad, RR - I / RR - II / Warangal / Kothagudem, Ramagundam / Medak - I / Medak - II / Nalgonda & Nizamabad for information and necessary action.

// TCFBO //


Joint Chief Environmental Engineer (FAC)
(Unit - II)

ANNEXURE – I

Hardware specifications required for online Bio-Medical waste manifest with bar-coding

Hardware specifications

Android Phone

- Operation System: 4.1.x and above
- minSdkVersion:15
- Rear Camera: 5MP and above
- RAM: 2GB and above
- Permissions for Application: WiFi and Camera.

Manifest Printer

- Compatible for Android support bluetooth
- Thermal printing method, no need for ribbons ink cartridge, low operating cost.
- Speed =<90mm/sec, 203dpi resolution, high speed, clear printing, low noise.
- Print 58mm wide thermal paper, with 100km reliability printing life.
- With auto sleep, auto awake, power saving to prolong service time, standby time up to 2-3 days.

Label Printer

Printing Technology	Thermal Transfer + Direct Thermal
Media Width (min to max)	0.5 to 4 inches (12.5 to 118 mm)
Media Thickness (min to max)	63.5 to 254 µm
Media Length (min to max)	0.25 to 64 inches (6.35 to 1625.6 mm)
Roll Size (max), Core Size	Inside diameter 5 inches (125 mm) External diameter 8 inches (200mm) Core size 1 inch (25mm)
Ribbon size	2.9 inches (74mm) maximum outside diameter. 360 metres length. 1 inch (25mm) core
Ribbon winding & type	Ink side in or out, switch selectable. Wax, Wax/Resin or Resin Type
RAM (standard Memory)	16 MB total, 1 MB available for user
Resolution	203 dpi
Main Interface	Dual Interface Serial (RS-232C), USB (version 1.1)
Interface	Wireless LAN 802.11b and 802.11g standards, 100 metres, 64/128 bit WEP, WPA, up to 54 Mbps Ethernet (10/100 BaseT) Parallel (IEEE 1284 compliant)

QR Code Dimensions

20x20 mm

Please refer URL "<https://www.qrcode-monkey.com/6-reasons-why-your-qr-code-is-not-working>" for printing QR Code labels.

Services

S.No	Parent	Service Name	Service URL	Roles
1	MASTERS	Change Password	/Services/ChangePassword.aspx	HOD, Facility
2	MASTERS	Generate Labels	/Services/GenerateLabels.aspx	HCF
3	MASTERS	Manage Driver	/Services/DriverDetails.aspx	HOD
4	MASTERS	Manage Vehicle	/Services/VehicleDetails.aspx	HOD
5	MASTERS	Print Labels	/Services/PrintLabels.aspx	HCF
6	MASTERS	Update Facility Details	/Services/FacilityUpdate.aspx	Facility
7	MASTERS	Update HCF Details	/Services/RegisterUpdateHCF.aspx	HCF
8	SERVICES	Generate Labels	/Vendors/VendorsGenerateLabels.aspx	Public
9	SERVICES	Print Labels	/Vendors/VendorPrintLabels.aspx	Public
10	SERVICES	Register New HCF	/Services/RegisterUpdateHCF.aspx	Facility
11	--	Login	Login.aspx	Public
12	--	Home	/Start-up/Home.aspx	HOD, Facility, HCF
13	Android	Label Scan		Driver and Facility
14	Android	Reprint Manifest		Driver

