

No. 2021/M(C)/141/2Pt.-2

(E-File No.3377119)
New Delhi, Date: 26.05.2023

PCMEs
All Zonal Railways

Sub: Maintenance of Bio-Toilets

Ref: i. Railway Board letter No. 2021/M(C)/141/2Pt2 Dated 15.12.2022

ii. IRCAMTECH/MECH/GWL/ COMPENDIUM on IR-DRDO Bio-toilet/1.0/Rev-
I September-2018.

In continuation to above, to further improve the maintenance of Bio Toilets, Zonal Railways are advised that:

- Each Bio-Toilet of every coach should be cleaned thoroughly only with prescribed cleaning materials.
- Each Bio-Toilets tank should mandatorily be charged with 10 liters of Anaerobic Microbial Inoculums in every quarter (ICF/LHB/Vande Bharat/all other coaches equipped with Bio Tank) in addition to the existing guidelines/conditions stipulated for topping up/replacement the anaerobic microbial Inoculums.
- For Vande Bharat Coaches, Testing of samples of each toilet should be ensured at least once in a month.
- Testing of samples of bio tanks of all coaches (other than Vande Bharat Coaches) should be ensured as per Railway Board guidelines issued vide reference i above.

Zonal Railways may further develop/upgrade related testing infrastructure or may get the same executed through outside agency as per requirements. Proper record may be maintained regarding testing of samples and topping up of inoculum.

Zonal Railways are further advised to submit monthly report in the attached format to Board for information.

For further necessary action please.

DA: As above.

(सुमन कुमार तांती)
निदेशक / यांत्रिक इंजी. को.
रेलवे बोर्ड

C/- PED/CAMTECH for information and necessary action please.

-GM/CRIS - To make provision for entry of testing record and topping of inoculum in CMMS and making a dashboard item to monitor its progress

Dashboard for testing of Bio toilet for the month of -.....

Zonal Railway:-

[illegible]