

भारत सरकार Government of India  
रेल मंत्रालय Ministry of Railways  
रेलवे बोर्ड Railway Board

(E-Office 3434262)

No. 2023/M(C)/141/6

New Delhi, Dated 11.07.2024

General Managers  
All Zonal Railways

**Sub: Drive for checking of Bio digester tank & Bio- Vacuum Toilets in Vande Bharat coaches.**

**Ref: Railway Board letter no. 2021/M(C)/141/2 Pt. – 2 dated 26.05.2023.**

During the recent review of Rail Madad issues in Vande Bharat, it has been noticed few concerns were registered regarding foul smell etc. Proper maintenance of Bio Vacuum toilets including digester tank is one of the main aspect to mitigate the same.

Also vide letter under reference, following has been already advised for Vande Bharat coaches:

- Testing of samples of each toilet should be ensured at least once a month.
- Topping up of Bio Toilets Tank with 10 litres of Anaerobic Microbial inoculums to be done every quarter.

In above context, Zonal Railways are advised to launch a 15 days drive i.e. from 12.07.2024 to ensure proper cleaning and maintenance of Bio digester tank of Bio-Toilets in Vande Bharat trains.

Indicative items to be checked during the drive are as:

- Bio digester to be cleaned and ensured that no fecal matter is spread on them.
- Cleaning of first chamber of the Bio Tank.
- Ensuring intactness of all the connectors/elbows and brackets of the system.
- Testing of Effluent sample.
- Ensuring proper water seal of Vacuum systems, sufficient suction pressure and water discharge etc.

Details progress report of issues identified & actions taken may be updated on Board's Google sheet:

[https://docs.google.com/spreadsheets/d/1M\\_xtsebNVjKX7xzPq2TWVcqyl3qNM4lrEnN8rfPZwJ0/edit?gid=0#gid=0](https://docs.google.com/spreadsheets/d/1M_xtsebNVjKX7xzPq2TWVcqyl3qNM4lrEnN8rfPZwJ0/edit?gid=0#gid=0)

For necessary action please.



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(ऐश्वर्यसचान)

संयुक्तनिदेशक / यांत्रिकइंजी. कोचिंग  
रेलवेबोर्ड

C/- PCMEs/ All Zonal Railways and PED/RS/RDSO - for kind information and necessary action please.