

No. 2014/M(C)/141/2

(E-File No. 3338729)
New Delhi, Dated 22.08.22

GM/CMM
CRIS, New Delhi

Sub: Inclusion of template regarding Bio Vacuum Toilet System in CMM module.

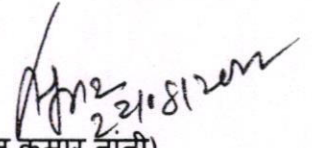
Ref: CRSE/Chg. Letter no. 793-M/2011/Vacuum System/MC-I/2019 dated 03.08.22

In view of above reference, CRSE/Chg/NR has raised concern for need of a template for monitoring the Bio Vacuum Toilet System over IR.

In this context it is requested to develop a module for feeding data related to Bio Vacuum System over CMMS as per format attached. The same position of Bio Vacuum System may be made available on dashboard.

For necessary action please.

DA- as above


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

C/- PCMEs All Zonal Railways for information and necessary action please.

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EDME/Chg
Northern Railway

Headquarter Office,
Baroda House,
New Delhi.

No.: 793-M/2011/Vacuum System/MC-I/2019

Date: As signed

✓EDME/Chg.,
Railway Board,
Rail Bhawan, New Delhi

Sub. : Inclusion of a template regarding Bio-Vacuum Toilet Systems in CMM module.

The Bio-Vacuum Toilet Systems have been fitted in more than 1500 coaches so far over Indian Railways and augmentation of such coaches are continuing as new coaches are being fitted with this system by PUs.

To identify these coaches fitted with Bio-Vacuum Toilet Systems and basic/maintenance information about the system is need of day to day Railway working. Therefore, it is suggested that templates may be included on CMM Portal regarding master data and maintenance record of Bio-Vacuum Toilets. The templets prepared for Master Data and maintenance record of Bio-Vacuum Toilets are attached herewith. The report for these entries may also be generated from CMM as under:

1. Report for the details of coaches having Bio-Vacuum Toilets with their master data information of Bio-Vacuum Toilets.
2. Report for the Lavatory & coaches wise details of defects recorded in Bio-Vacuum Toilet systems.

Therefore, it is requested that instructions regarding uploading of said templets on CMM portal may be issued.

DA

Digitally Signed by
Kaustubh Mani
(Kaustubh Mani)
Date: 03-08-2022 11:18:10
Reason: Approved
CRSE/Chg.

Copy to :

GM/CMM/CRIS, New Delhi – For kind information, please.

SSE/CRIS
- urgent -
20/8/2022

Annexure**Template for Master Data**

Bio Vacuum Toilet System Installed (Yes / No)	
Make of Bio Vacuum Toilet System	
No. of Bio Vacuum Toilet Systems Installed in Coach	
Installation of System done at (NR / ICF / MCF / RCF / Other- Specify)	
Governing Specification of Bio Vacuum Toilet System <ul style="list-style-type: none"> • RDSO/2017/CG-06 • MDTs 49281 • ICF/MD/SPECN.318 	
Date of Commissioning of Bio Vacuum Toilet System	
Warranty till Date	
Extended warranty due to non-functioning of the system	

Templet for Maintenance Data

Last Monthly Schedule Date	
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Defects Recording on CMM

Trip Maintenance Date				
Type of Defects	Lav. 1	Lav. 2	Lav. 3	Lav. 4
Chocking of Pan				
Solenoid Valve Defective				
Push Button Defective / Faulty				
Breakage of Cover / Casing / Flange of Push Button				
Pinch Valve / VNB Valve Defective				
Wiring Connection Loose / Open / Broken				
Flush Button Micro-Switch Defective				
Water Pressurization System Defective / Faulty				
Display not working				
Vacuum Gauge / Pressure Gauge Faulty / Defective				
Water Leakage				
Vacuum Ejector Faulty				
Improper Working of Flush Cycle i.e. Reverse Flushing				
Fecal Waste Leakage on Tank due to Opening / Loosening of Plumbing Connections				
Air leakage from Joint / Air tubes/ Air pressure part defective / Missing				
Other Miscellaneous Faults				