

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

(E-File No.3383703)

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

New Delhi dated: 21.03.2025

General Managers
All Zonal Railways

Sub: Drive for Summer Preparedness for maintenance of passenger coaches

In view of the summer season ahead, precautions are to be taken by coaching sheds and depots, and a special one-month long drive is to be undertaken with a special focus on Fire Safety, Water availability and Air Conditioning.

The following items may be included in the drive:-

1. Provision and functioning of Smoke/ Fire Detection Cum Suppression System for Pantry car & Power car to be ensured. Maintenance attention as recommended by OEM, Filling of empty nitrogen cylinder, power supply system for FDSS, replacement of defective battery backup supply, replacement of damaged heat cable sensor etc. should be done as per requirement.
2. Provision and functioning of Smoke/ Fire Detection with Alarm System for AC coaches. Maintenance attention as recommended by OEM and replacement of damaged cables/ sensor, Aspiration type smoke detector in lavatory area etc. to be done as per requirement.
3. FSDS installation in AC coaches to be expedited to cover pending AC coaches with fire and smoke detection system; position to be updated in CMM.
4. Provision of Fire extinguishers in Power car (4 nos. per coach), pantry car (4 nos. per coach), LSLRD/SLR (2 nos. per coach), AC coaches (2 nos. per coach) and NAC coaches (2 nos. per coach) to be ensured. No fire extinguisher should be overdue for maintenance.
5. Provision of only SS dustbin to be ensured, and all dustbins to be cleared during pit line attention. Collection of garbage and its disposal to be organised through OBHS staff during the journey.
6. Cleaning of Exhaust fan louvers in toilets, ACP panels in LHB coaches, ventilators, junction boxes to make them free of any inflammable material, garbage etc. to be ensured.
7. Coaches should be free from inflammable items. Dry sweeping of coaches to be carried out before stabling at yard. Random checks to be carried out jointly by Mechanical, Electrical, Commercial & RPF to ensure no inflammable items

emailed on 24.03.25

are present, and routine checks to catch passengers smoking on-board are intensified.

8. Coaches should be pad-locked before stabling in yard.
9. On-board contractual and Railway (including Pantry/Power car staff) staff to be trained for use of fire extinguisher and taking first response action in case of fire emergencies.
10. Proper Maintenance of Air brake equipments should be ensured, with focus on cleaning of filters/breather valves in schedules, measurement of application/release timings, draining of reservoirs and pipelines etc. so that incidences of brake binding are minimized. Further, running staff and C&W staff engaged at platforms should be counselled for proper releasing of rakes before starting.
11. Proper working of Electrical fuses, junction boxes and isolators etc. to be ensured so that electrical fires are prevented.
12. Maintenance of Water rising apparatus and vent/vacuum valves in tanks along with proper attention to water pipelines during SS-1/SS-2 should be given to minimize cases of choked pipelines.
13. Full watering has to be ensured at nominated Watering points. Watering of rakes to be ensured even if it leads to a few minutes' detention.
14. 100% working of RMPUs in Auto mode to be ensured. Proper maintenance to be done during schedules & functionality of controllers to be checked in this regard.
15. 100% working of Power Cars to be ensured & Power car ineffective to be minimized. Availability of Power Cars to be monitored at Divisional & HQ levels to ensure early fitment from Workshops & depot Sicklines.

It is requested to take necessary action and send a compliance report of the drive on somech538@gmail.com.


23/3/25
(प्रांजल मिश्रा)

संयुक्त निदेशक/ यांत्रिक इंजी. कोचिंग-II
रेलवे बोर्ड

Copy to:

PCMEs/All Zonal Railways: For kind information and necessary action please.
PED/RS/RDSO: For kind information and necessary action please.