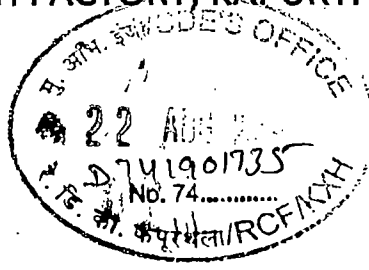


RAIL COACH FACTORY, KAPURTHALA

MD22301

Dated: 21.08.2019

Director Stds./Carriage,
RDSO, Manak Nagar,
Lucknow-226011.



Sub:- Provision of Venturi type toilet ventilation system in LHB type coaches.

Ref:- 1. Railway Board letter no. 2001/M(C)/137/1 vol V PT.1 Dated 08.05.2019

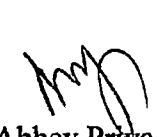
2. This office even Letter No. Dated 08/08/2019

In continuation to letter under reference at 2, the revised drawing of FRP Venturi and CAI for the retrofitment in existing LHB NON AC Coaches is attached.

It is requested to examine the CAI and advice further for issuing the same to zonal railways

Enclosure:

- i. CAI
- ii. MI007332
- iii. MI007333
- iv. MI007334


(Abhey Priya Dogra)
Dy. CME/D-2

CC:
CDE-for kind inf. pl.

RAIL COACH FACTORY, KAPURTHALA
(Coach Alteration Instruction No. CAI/RCF/MECH/LHB/017)

आरविका / रायवली



MD22301

Dated 21/08/2019

1. **Description:** Provision of Venturi Type Toilet Ventilation in LHB type NON AC Coaches.

2. **Drawing No.**

S.No.	Description:	Drawing No & alt
1	Arrangement of Venturi for Lavatories of NON AC LHB Type Coaches.	MI007332 Alt-Nil
2	Air Grill Housing	MI007333 Alt-Nil
3	Venturi	MI007334 Alt-Nil

3. **Reason for alteration:** Improvement in Toilet Ventilation.

4. **To be carried Out** : During IOH/POH or unscheduled repair in sick line.

5. **Alteration Instructions** :

- Item no 5 (Angle Bracket) of drg MI007332 Alt.Nil to be welded below underframe as shown in section-GG of drg no. MI007332 Alt-Nil.
- Cutout of size 90x175 at distance of 142 from side wall and 400 mm from floor level to be made in the Partition frame panel as per drg no. MI007332 Alt-Nil.
- Flexible Duct /Rubber Hose Dia 50 (Item 3) to be clamped on Air Grill Housing to Drg no MI007333 Alt-Nil by using 60 mm Hose clamp (item 6).
- Air Grill Housing along-with clamped Flexible Duct /Rubber Hose to be inserted through cutout in the panel and be fitted as shown in section-AA and detail F of drg no. MI007332 Alt-Nil with the help of hardware screws.
- Other end of Flexible Duct /Rubber Hose to be passed through opening in the underframe and then to be clamped with venturi (below underframe) as shown in section-AA of drg no. MI007332 Alt-Nil.
- Venturi to be fitted below underframe with Angle Bracket with the help of Nut and Bolt as shown drg no. MI007332 Alt-Nil.
- Flexible water piping shall be re-routed to accommodate grill housing & flexible duct.

Encl. Drg no

- i. MI007332 Alt-Nil
- ii. MI007333 Alt-Nil.
- iii. MI007334 Alt-Nil

For General Manager (Mech.)



RAIL COACH FACTORY, KAPURTHALA
(Coach Alteration Instruction No. CAI/RCF/MECH/LHB/017)

MD22301

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Encl. Drg no

- MI007332 Alt-Nil
- MI007333 Alt-Nil.
- MI007334 Alt-Nil

For General Manager (Mech.)

