

5406037/2026/O/o Dy.CME/DESIGN/MCF

कार्यालय

मुख्य अभिकल्प इंजीनियर

आधुनिक रेल डिब्बा कारखाना

रायबरेली, उत्तर प्रदेश, 229206

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Office of the
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File No.: RBL-MD46118

Dated: 18.12.2024

Dy. CME/MP/Fur.

Dy. CMM/Fur.

Sub: Amendment in MCF PO for FRP Lavatory module as per RCF Specification MDT5214, Rev-12 along with Addendum & Corrigendum under ref.-ii below.

Ref.: (i) M/s K.S. Enterprises letter no.24-25/045, dated 26.11.2024.

(ii) RCF specification MDT5214, Rev-12 with addendum as per letter no. MD46111, dated 16.04.2024 and corrigendum as per letter no. MD46111, dated 18.04.2024.

(iii) MCF Design letter no. RBL-MD46145, dated 02.12.2024.

(iv) MCF Design letter no. RBL-MD46118, dated 18.12.2024 (Minute of Meeting).

Vide ref.-iii above, it was advised to issue MA (Modification Advice) in all MCF POs which have been placed or are to be placed for FRP Lavatory module for all types of LHB coaches as per RCF specification MDT5214, Rev-12 along with Addendum & Corrigendum (under ref.-ii above).

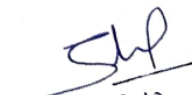
Further, a meeting through VC (Video Conferencing) has been held on 12.12.2024 regarding issue of lavatory door opening due to increase in the height of the Lavatory Trough Floor of Indian Pan by 70 mm at Oriental Pan location. Other issues were also discussed & MoM under ref (iv) has been issued. Based on decisions taken & in supersession to the letter under ref (iii), following may be included in modification advice to existing POs & in future procurements, for lavatory module as per RCF Specification MDT5214, Rev-12 along with Addendum & Corrigendum under ref.-ii:-

SN	SN of existing Addendum (RCF letter no. MD 46111, dated 16.04.2024) of RCF specification MDT5214, Rev-12/drg. no.	Existing description	Modified description
1.	1	Trough Floor of oriental style Lavatory Module to be modified by raising its height by approximately 70 mm at Oriental Pan Location. For this reference Drawing no. MI007942 to be referred.	Trough Floor of oriental style Lavatory Module to be modified by raising its height by approximately 8 mm instead of 70 mm at Oriental Pan Location. For this, reference drawing no. MI007942 to be referred, with above mentioned modification.
2.	16	Reference drawing for above changes will be MI008004.	Reference drawing for above changes will be MI008004 except as mentioned below. (i) Note-1 of drg. no. MI008004, dimension 70 mm shall be read as 8 mm. (ii) Note-3 of drg. no. MI008004 shall be read as " Grab Hand Rails to drg. no. ED63048 alt-nil and ED63051alt-nil shall be provided in Oriental Style Lavatory and Euro Style Lavatory respectively, considering the cut-out (as shown

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SN	SN of existing Addendum (RCF letter no. MD 46111, dated 16.04.2024) of RCF specification MDT5214, Rev-12/drg. no.	Existing description	Modified description
			in drg. no. MMI000150 alt-a, which is provided at MCF on suit at site basis) provided at Lavatory side wall for fixing Venturi grill arrgt. (MMI000150 alt-a). Accordingly, for fixing of Grab Rail, necessary accommodation shall be made in drg. no. MI008004 alt-a. Suitable Back piece/insert for fixing of grab handle shall be provided at Lavatory side wall accordingly." (iii) Note-7 of drg. no. MI008004 shall be read as " Fixed Attachment wall with inspection windows as per drg. no. MI008007 alt-a (LH) & MI008028 (RH)".
3.	Drg. no. LW56424 alt-f & LW56475 alt-f	-----	For getting more clearance between Lavatory door & raised Pan area of Lavatory Trough floor and for more pivot strength, pivot bottom of lavatory door shall be directly mounted on frame extrusion bottom (LW56439 alt-a & LW56514 alt-nil) instead of mounting wall Lavatory wall. Accordingly, there shall be no provision of cut-out at Frame Extrusion Bottom (LW56439 alt-a & LW56514 alt-nil) for mounting of Pivot Bottom (LW56441 alt-nil).
4.	For LWSCN & LWSDDG coaches in drg. no. MI006807 alt-a	-----	Size of Bracket (item no. 1 of drg. no. MI006807 alt-a) shall be 3.15x70x210 mm instead of 3.15x100x210 mm and distance between these brackets shall be 260 mm instead of 200 mm.

Financial implication for SN-2(i), 2(iii) & 4 above may be calculated by MCF Planning & MCF Purchase department and necessary action may be taken accordingly.


18-12-2024
(Shobhit Pratap Singh)
Dy. CME/Design-II

Copy to: for kind information please.
CDE, CMM/Fur., CPLE, CWE/Fur., CQM

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Date: 16.02.2026

File No.: RBL- MD46118, Vol-I

Dy. CME/MP/Fur

MCF/RBL

Sub:-Provision of marking on Lavatory module.

During prototype inspection of Lavatory and complaints received from Zonal Railways, it is found there is issue of traceability of lavatory module due to unavailability of sufficient marking.

Presently, markings on lavatory module are provided as per clause no. 7 (Section-A) of RCF specification MDTs 133, Rev-05 and it is observed that information provided is insufficient and traceability of lavatory is difficult. Also, during recent CRS enquiry at Vijayvada, CRS/SC had sought Serial no. of lavatory for traceability, but same could not be provided.

In view of the above, it is requested to advice to all suppliers of Lavatory modules to provide marking on Lavatory module as detailed below:

Metallic marking stickers (anodized Aluminium of designation 19002 or 19500 as per IS:737) with permanently readable and traceable identification using laser engraving & indelible Red ink/paint including following details as given under (metallic marking stickers shall be embedded & fitted on top layer of the lavatory wall towards the doorway side at a suitably visible location, ensuring that their visibility remains unobstructed by embedding & fitment of this metallic sticker from Electro-Pneumatic Pressurized Flushing System) :-

- Manufacturer's name
- PO details with PO no. & date
- Batch no.
- Serial no. of lavatory
- Month and year of manufacturing

Above marking is in addition of marking provided as per clause no. 7 (Section-A) of RCF specification MDTs 133, Rev-05.

It is requested to take necessary action for ensuring implementation of marking on Lavatory modules as detailed above in all existing PO and future procurement.

(Shobhit Pratap Singh)

Dy. CME/Design-II

Copy to: for kind information please.

CDE, CPLE, CDE/RCF

Copy to:

Dy. CME/Design/Fur/RCF: For kind information and necessary action for upgradation/modification in details of markings in RCF spec. MDTs 133, Rev-05, MDTs 43373, Rev-01, MDTs 214, Rev-12 & MDTs 44376 REV-1 please.

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