

RAIL COACH FACTORY KAPURTHALA

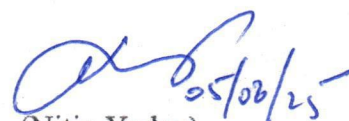
MD46221

DATE: 05.08.2025

Sub: Issue of Annexure to specification no. MDTS 219 Rev-03 for seats of Chair Car for Bangladesh Railways.

Please find enclosed a copy of Annexure to specification no. MDTS 219 Rev-03 for information and necessary action at your end.

This annexure is to be used for seats of Chair Car for Bangladesh Railways only.



(Nitin Yadav)

Dy.CME/Fur Design

Dy.CPLE-II

Copy for kind information to:

CDE

CPLE

ANNEXURE TO MDTs-219 (REV-3) FOR SEATS OF CHAIR CAR FOR BANGLADESH RAILWAYS

Additional Clause

- A. Firm should submit the prototype samples of all individual sub-assemblies/parts such as upholstery, cushion, bottle holder, snack table, footrest, armrest, holding latch etc. for approval before submission of the complete prototype of the seats.

Clause No.	To be read as
2	General arrangement & mounting: The general arrangement and mounting of the seats shall be as per following general arrangement drawings: 1. BZE61001 Seating Arrangement in AC Chair Car 2. BJE61001 Seating Arrangement in Non AC Chair Car (Latest alteration/revision of above drawings should be referred)
3.1	The seat dimensions for various type of seats shall be as per following drawings: 1. BZE61002 2-Place Seat 2. BJE61004 3-Place Seat (Latest alteration/revision of above drawings should be referred)
3.3	Firm should submit drawings and prototype samples of seat assembly, bottle holder, snack table, footrest, armrest, holding latch etc. indicating mounting arrangements, manufacturing details and overall dimensions for approval before bulk supply.
5.1	Seat manufacture should display very good styling in design of chairs to have aesthetics of international standards. Seat & backrest contours and other components like armrests, snack table etc. shall be designed on the basis of anthropometric data of Bangladesh population. The average of population against 95 percentile is to be taken as reference.
5.3.1	The frame of seats should be made of stainless steel Grade-AISI 304
5.3.5	To be deleted
5.5.3	Stainless steel corrugated sheet of thickness 1mm with suitable supports of Grade-AISI 304 to be used as a support/base for cushion in seat & backrest.
5.6.1	To be deleted
5.7	To be deleted
5.9.3	Stainless steel pipe of Grade-AISI 304 of size $\varnothing 21 \pm 0.5$ mm & 2 mm thick shall be used for snack table supporting frame.
5.10.1	Cushion for seat and back rest shall be directly moulded from Polyurethane foam to spec. no. RDSO/2007/CG-04 (Rev-01 or latest).
5.13	Reclining mechanism should cater for movement of backrest with stops at three positions (i.e. 8° , 20° & 25°) from the vertical plane as shown in the respective drawings. The mechanism for reclining shall be sturdy enough to meet the operating requirements in a Railway coaches. Reclining mechanism shall be approved at the time of pilot sample approval.
5.14.1	Bracket/arm of the armrest shall be made up of stainless steel grade AISI 304.
5.14.3	Armrests on aisle side and sidewall side shall be fixed type and middle armrests shall be foldable. Foldable armrests should flush with back rests when folded up.
5.15.2	Stainless steel wire of Grade-AISI 304 of thickness 6 mm shall be used for

[Signature]
05/02/25

4134575/2025/O/O SSE-27/FUR-1/DESIGN/RCF/KXH manufacture the bottle holder. *MS*

5.16.1.3	Foot rest stem, footrest paddles with end cap should be made up of stainless steel of grade AISI 304.
5.16.2	To be deleted
6.1 & 6.2	Color scheme of the Bangladesh coaches shall be approved and followed separately.
11	Deleted

MS
05-08-25
Dy. m E/D F

MS
5-8-25
SSE/fm-I/D.