

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

(E- File No.-3362371)

No. 98/M(C)/137/8-Ad Vol. (i)

New Delhi, Dated - 06.08.2021

Director General  
RDSO

PCMEs  
RCF/ICF/MCF

Sub: Vinyl Film for IR Coaches.

Ref: i. Railway Board's letter no. 98/M(C)/137/8 Dated 22.06.2010

ii. Railway Board's letter no. 98/M(C)/137/8 Vol. (I) dated 13.02.2019

Vide letters under references above PUs were advised to develop more vendors for Vinyl wrapping for Railway coaches within 06 Months with other related actions and RDSO had been advised to revise the specifications

In this matter it is advised to submit the present status duly collecting feedback from Zonal Railways by 15 Aug 2021.

The status may please be furnished on priority so that further action is taken in at Board.

DA: As above

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

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

(SN.77)

भारत सरकार **GOVERNMENT OF INDIA**  
रेल मंत्रालय **MINISTRY OF RAILWAYS**  
(रेलवे बोर्ड **RAILWAY BOARD**)

No.98/M(C)/137/8 Vol.(I)

New Delhi, dated: 13.02.2019

**General Manager / RCF / ICF / MCF**  
**DG / RDSO / Lucknow**  
**PCME / All Zonal Railways**

**Sub: Vinyl Film for IR Coaches**

**Ref:**(i) M/s LG Hausys India Pvt. Ltd. letter dated 29.01.2019(copy enclosed)  
(ii) Railway Board letter No.98/M(C)/137/8 dt.22.06.2010 (copy enclosed)

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Vide letter reference (ii) Railway Units were advised to procure Vinyl Wrap for coach exterior from two specified firms i.e. M/s 3M India Ltd. and M/s Avery Dennison. Additionally RCF was advised to develop more vendors in consultation with Railway Board.

2. RDSO specifications for various applications of Vinyl film are already available. Further, in the last few years Production Units and Zonal Railways have gained experience regarding procurement and application of Vinyl film on coaches. However, representations are being received at Railway Board in connection with non-approval of additional vendors for subject item.

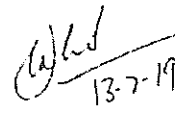
3. In view of above, following instruction are issued regarding procurement / Vendor development of Vinyl film for IR Coaches.:

- (i) In partial modification to Railway Board letter No.98/M(C)/137/8 dt.22.06.2010, ICF / RCF / MCF are now directed to develop more vendors for Vinyl Wrap for Railway Coaches in next six months. PUs should follow due vendor development procedure at their end without requirement of consultation with Railway Board.
- (ii) In the interim period Zonal Railways are authorized to procure from two approved vendors as well as other sources, duly ensuring that all applicable parameters, qualifying criteria and tests as mentioned in RDSO specification are adhered to.
- (iii) RDSO to review its Specifications if needed to cover interior application of Vinyl film for coaches and any other issue like wash- ability, patch repair work etc.

This issues with the approval of Board (MRS).

DA: As above

19/2/19 O/C

  
(Navaid Talib)  
Dir. Mech. Engg. (Chg.)  
Railway Board

GOVERNMENT OF INDIA  
MINISTRY OF RAILWAYS  
(RAILWAY BOARD)

1675

No. RCF/2006/CG-13

General Manager  
South Central Railway, Karimnagar

Director General  
RDSO Lucknow

Chief Mechanical Engineer  
All Zonal Railways

Sub: Review of technical specification and vendor approval for application of vinyl wrap on coach exterior

Durgam and Yuva trains have distinct exterior colour scheme, different from other colour schemes presently in vogue in IR. As per Board's instructions only cast vinyl wrap, type 'B' to RDSO specification No. RDSO/2006/CG-13 (Rev-01) is to be used to develop approved exterior colour scheme on the coaches.

Recently, Railways have reported defects/ complaints pertaining to damages/ cut mark on the surface, peeling off of vinyl wrap from the edges, etc. In order to improve the quality of vinyl on the coach exterior, it is essential that correct quality of film is procured and work of conversion of film into graphics and its application on coaches is carried out through professional agencies having adequate experience, infrastructure and technical know-how.

The issue has been examined and Board (MM) has approved the following course of action:

- a) M/s 3M India Ltd. and M/s Avery Dennison who have supplied the cast vinyl film to RDSO specification stand as approved suppliers for supply of vinyl film. PUs & Zonal Railways shall ensure that cast vinyl film procured to RDSO specification is only from these approved manufacturers. The list of approved manufacturer of vinyl film may be updated by RCF as and when more sources are known ensuring conformance to the governing technical specification.

As and when more sources become available, RCF should consider them only after wider consultation with the Mechanical (Coaching) Dte., Railway Board indicating such merits/ attributes that prima-facie establish equivalence or superiority. No trial application to be entertained on ambiguous claims.

- b) RCF should frame suitable norms/ eligibility criteria for approval of agencies for printing and application of finished graphics on coaches. These norms should include relevant past experience, requirement of infrastructure for printing and lamination, trained/ certified man power, technical know-how etc. For future tenders, only approved agencies should be considered for execution of the work.

In reference to clause no. 1.2.4 of RDSO, it is to be noted that RCF, Coimbatore, Railways shall ensure that the exact print quality requirement for converting a particular graphics may be clearly specified in the contract specification to make it more precise.

- c) Besides consignee inspection, a third party inspection by RITES at premises of the firm where printing work is undertaken should also be conducted.
- d) RDSO should review the specification and incorporate necessary changes in respect of following:
  - i) Washing and cleaning procedure to be followed by the Railways
  - ii) Adhesion requirement including elaborating the requirements of edge sealing
  - iii) Procedure to be followed for attending patch repair for rectification of damaged surface

RCF should ensure that the process of approval of agencies for printing and application of finished graphics on coaches is completed at the earliest and list of approved agencies advised to Railways and ICF.

The suggestive check list of inspections of base film, printing of graphics, application on coaches etc. is also enclosed which may be further expanded as considered necessary.

The compliance of above instructions be ensured.

(A.K. Singh)  
Exec. Dir. Mech. Engg. (Chg.)  
Railway Board

*for 12.12.1981*  
*for 12.12.1981*  
*for 12.12.1981*

रकम	12	1981
Ministry		
for the Government		
Signature		
Date of Issue		