भारत सरकार Government of India

रेल मंत्रालय Ministry of Railways

रेलवे बोर्ड Railway Board

No. 2021/CEDO/SR/01(2) **New Delhi, dated 08.01.2021**

The Director General
Research Designs & Standards Organisation
Manak Nagar, Lucknow-226011

Sub:- **Improvement measures** for in future production of LHB AC Vistadome coach [Unique Transportation Code: **LWCTZAC**; Maximum Axle Load: **16.25t**] fitted with pneumatic suspension (120 KN capacity) at the secondary stage on FIAT bogies to RDSO's Drawing no. CSC-1848 up to maximum speed of **160 kmph** *by Zonal Railways*

Ref:- (i) Railway Bd's letter No. 2021/CEDO/SR/01(1), dated 08/01/2021
(ii) RDSO's letter No. SV.FIAT(SC)/Sanction/LWCTZAC, dated 01.01.2021
(iii) CCRS's letter No. 12011/14/2020-21-T.W, dated 05.01.2021

With reference to your above application, sent through the Chief Commissioner of Railway Safety, Lucknow; sanction of the Ministry of Railways, Railway Board has been communicated vide Railway Board's letter under reference (i) for introduction of operation of LHB AC Vistadome coach [Unique Transportation Code: **LWCTZAC**; Maximum Axle Load: **16.25t**] fitted with pneumatic suspension (120 KN capacity) at the secondary stage on FIAT bogies to RDSO's Drawing no. CSC-1848 up to maximum speed of **160 kmph**, *by Zonal Railways,* on track maintained as per provisions of Indian Railway Permanent Way Manual, June 2020.

The CCRS, while recommending for introduction of this Rolling Stock, has suggested ***following measures for improvement of the subject rolling stock***:

(i) During demonstration of fire indication, it was noticed that smoke detection & passenger announcement were available. It was observed that announcement content was not matching with the action taken by Fire Detection System. Content of the passenger announcement needs to be changed to accurately reflect the action taken by Fire Alarm System or action to be taken by passengers, if any.

(ii) Emergency push button switches need to be provided on both sides (compartment & doorway side) of the automatic sliding passenger compartment doors to override the automatic operation & to enable free manual operation of the door in case of faults.

(iii) Entry/Exit of compartment, where PA system & fire alarm indication panels are located, is very restrictive. It may be modified for easy access as these panels are sometimes required to be operated in emergency.

Prem Sagar
08.01.21

RDSO is requested to examine the above and take necessary action as suggested by Commission for improvement of the subject rolling stock. The compliance of the same should also be submitted to CCRS.

Prem Sagar
08.01.21

(प्रेम सागर गुप्ता)
कार्यकारी निदेशक सिविल इंजी.(जी)/रेलवे बोर्ड
[Phone: 030-44803(Rly) : 011-23383379(MTNL)]

Copy forwarded for information to:

1. The Chief Commissioner of Railway Safety, Office Compound of DRM/NER, Ashok Marg, Lucknow, w.r.t. his endorsement no. 12011/14/2020-21-T.W, dated 05.01.2021
2. Executive Director (Standards)Motive Power, RDSO, Lucknow
3. Executive Director (Standards) Track-I, RDSO, Lucknow
4. Executive Director ME(Coaching) , Railway Board

(प्रेम सागर गुप्ता)
कृते, सचिव रेलवे बोर्ड