840146/2021/O/o DCE(G)

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

No.2021/CEDO/SR/08(BLCS-S/S) New Delhi, Dated 03.03.2021

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

The General Manager,
All Indian Railways

Sub: Introduction of BG low platform Bogie Container Flat Wagon type **'BLCS' (A-Car & B-Car)** having **maximum permissible axle load of 22.32t** to RDSO's Drawing Nos. WD-15011-S-02 Alt.3 (A-Car) & WD-15012-S-02 Alt.4 (B-Car) and WD-18093-S-1 for operation upto provisional maximum speed of **65 kmph** without any container and with empty/loaded containers in **single stack** condition over IR routes, *by Zonal Railways*

Ref: (i) RDSO's Provisional Speed Certificate (PSC) No. MW/CONTR/BLC25-S, dated 18.03.2019 and its Amendment no. 1 dated 23.09.2020 & Amendment no. 2 dated 26.02.2021
(ii) RDSO's letter no. MW/CONTR/BLC25-S, dated 05.01.2021
(iii) CCRS office letter no. Q.12011/1/2019-20–त.वि, dated 29.01.2021

With reference to RDSO above application, sent through the Chief Commissioner of Railway Safety, Lucknow; sanction of the Ministry of Railways, Railway Board is hereby communicated for introduction of BG low platform Bogie Container Flat Wagon type **'BLCS' (A-Car & B-Car)** having **maximum permissible axle load of 22.32t** to RDSO's Drawing Nos. WD-15011-S-02 Alt.3 (A-Car) & WD-15012-S-02 Alt.4 (B-Car) and WD-18093-S-1 for operation upto provisional maximum speed of **65 kmph** without any container and with empty/loaded containers in single stack condition over IR routes, *by Zonal Railways,* with followings stipulations:

i. Observance of all the conditions laid down in RDSO's Provisional Speed Certificate No. MW/CONTR/BLC25-S dated 18.03.2019 its Amendment no. 1 dated 23.09.2020 & Amendment no. 2 dated 26.02.2021, shall be ensured on the Railway while seeking the sanction of General Manager for introduction of rolling stock on the Railway. All the documents required for the sanction of General Manager as per CE(G) Directorate/Railway Board Policy Circular No.6, dated 31.10.2018, along with sanction letter, shall be submitted to the Commission before the start of actual operation of rolling stock, as per extant procedure.
ii. Observance of all the permanent and temporary speed restrictions already in force and/or those that may be imposed from time to time on various accounts.
iii. Location of bridges on which speed restrictions have been imposed shall be notified by the Railways and incorporated in the working timetable so that all operating staff aware of the instructions.

Prem Sagar
3/3/21

iv. USFD testing should be carried out at a frequency, one grade higher than the specified frequency in the USFD manual. On section with GMT more than 60, the existing stipulated frequency of once in one and a half month as per USFD manual may be continued.

v. As per Clause 2.1.2.1.1(i) of RDSO's FSC No. MW/CONTR/BLC25-S, dated 27.03.2019 after incorporating modified paras upto Amendment no. 2 dated 26.02.2021, for operation in Loaded condition upto 60 kmph for minimum standard of 52kg (90UTS) rail, **De-stressing temperature for LWR in Temperature Zone IV would be reduced by 5 degree Celsius (Tm to Tm+5).**

vi. Further, as per clause 2.1.2.2(i) for operation in Loaded condition for speed above 60 kmph and upto 65 kmph for minimum standard of 60kg (90UTS) rail, for temperature Zone IV as per IRPWM June 2020, de-stressing of LWR at reduced temperature (Tm to Tm+5) shall be completed before onset of winter season. If **De-stressing in Zone IV is not done at lower temperature, loaded wagon will run at 60 kmph during the winter period of 1st November to 28th /29th of February of next calendar year.**

vii. CC+6+2/22.32t routes will be prioritized for rail grinding at stipulated frequency depending upon the availability of rail grinding machines over Indian Railway. However, rail grinding is not a prerequisite for operation of CC+6+2 / 22.32t axle load trains.

viii. Railway should ensure installation of way side lubricators as per provision of IR P.Way manual in a time bound manner.

ix. Before initiating the operation, PCME of the concerned Railway shall arrange to certify the track worthiness and ensure safety of rolling stock. Proper maintenance of the rolling stock shall also be ensured.

x. Air brake system of wagons with twin-pipe shall be in working order during operation.

xi. Adequate number of WILD and 'Weigh Bridges' shall be progressively installed and their working closely monitored. 100% weighment of loaded wagons except consignments exempted from weighment shall be ensured at the loading points to avoid running of overloaded wagons on track.

xii. No overdue in track/rolling stock maintenance shall be permitted.

xiii. Right powering of loaded trains running with 22.32t axle loaded wagons shall be ensured.

xiv. Single stacking of 20' long & 8'-6" (2591 mm) high and 40' long & 9'-6" (2896 mm)/ 8'- 6" (2591 mm) high ISO (as per ISO:668) containers on BLCS wagon shall follow the instructions mentioned in para 2.4.3 of RDSO's provisional speed certificate No. MW/CONTR/BLC25-S, dated 18.03.2019 after incorporating modified para upto Amendment no. 2 dated 26.02.2021.

xv. Railway shall ensure that containers are lifted and lowered vertically to avoid any damage to inter-box connector locks /Automatic Twist Locks (ATL). Railway shall also ensure proper locking of inter-box connector locks/ATL at the starting station as well as at any station where loading/unloading is done.

Prem Sagar
3/3/21

840146/2021/O/o DCE(G)

xvi. BLCS wagon is designed for 25t, but would be operated at 22.32 t axle load on Indian Railway track. Railways may devise suitable measures to prevent overloading in containers.

Prem Sagar
3/3/21
o/c (प्रेमसागरगुप्ता)
कार्यकारीनिदेशकसिविलइंजी.(जी)/रेलवेबोर्ड
[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. Q.13011/15/2009-T.W(Part)., Dated 18.12.2020
2. Executive Director (Standards)Motive Power, RDSO, Lucknow
3. Executive Director (Standards)Track-I, RDSO, Lucknow
4. Executive Director ME(Fr) , Railway Board

Prem Sagar
o/c 3/3/21
(प्रेमसागरगुप्ता)
कृते, सचिवरेलवेबोर्ड

o/c
ISSUE Pls

