

# EAST COAST RAILWAY

Commercial Circular No. 88 (G) /2012

Office of the  
Chief Commercial Manager  
Bhubaneswar  
Date: 03.09.2012

Sub: Designed Tare weight and gross axle load limit of wagons for fixation of Permissible Carrying Capacity.

Ref: Board's letter Nos.TCI/2010/108/4 dated 16.09.2011 & 22.09.2011(copies enclosed) [CCM/ECOR's Commercial Circular No. 103(G)/2011 dated 19.09.2011 & 107(G)/2011 dated 23.09.2011 respectively].

\*\*\*\*

- 1.0 In terms of Board's letters No.TCR/1394/2003/11 dated 29.07.2011, 05.08.2011, 12.03.2012, 30.03.2012, 19.07.2012 & 26.07.2012 [(Board's Rates Circular No. 28/2011 and corrigendum thereto),CCM/ECOR's Commercial Circular Nos.80(G)/2011 and corrigendum thereto], Permissible Carrying Capacity (PCC) of different wagons has already been conveyed.
- 2.0 Vide Board's letter No.TC-I/2010/108/4 dated 16.09.2011, instructions were issued that the standardized PCC of the wagons are based on the designed tare of the wagons and permissible axle load limit. It was also conveyed that in cases where tare weight of empty wagons has been permitted, the existing procedure for calculating the PCC of wagons will continue unchanged as issued vide Board's letter No. TCR/1394/83/6 dated 17.02.2009, 05.03.2009 & 05.08.2011 (Board's RC No.20/2009 & corrigendum).
- The designed tare weights of different stock plying in Indian Railways was also circulated along with the above Board's instructions dated 16.09.2011.
- 3.0 Subsequently, vide Board's letter No. TCI/2010/108/4 dated 22.09.2011, it was conveyed that the aforesaid instructions dated 16.09.2011 would come into effect only after issue of a revised JPO.
- 4.0 The matter has now been reviewed and it has been decided that the instructions issued vide Board's letter No.TC-I/2010/108/4 dated 16.09.2011 are to be given effect from 01.09.2012 on the basis of following Gross load limit:

| S.No. | Route                  | Permissible Gross load limit of wagon* |
|-------|------------------------|----------------------------------------|
| 1     | 25 t axle              | 100.0 t                                |
| 2     | CC+8+2                 | 91.6 t                                 |
| 3     | CC+6+2                 | 89.6 t                                 |
| 4     | CC+4+2 (excepted CC+6) | 88.0 t                                 |

\*inclusive of loading tolerance

- 5.0 The designed tare of the following new wagon types should also be included in the list containing designed tare weight of different stock plying in Indian Railways circulated already vide Board's letter of 16.09.2011:

| Type of wagons Route | Tare weight |
|----------------------|-------------|
| BOBRNHS              | 25.6 t      |
| BRHNEHS              | 22.6 t      |
| BOBYNHS              | 25.2 t      |

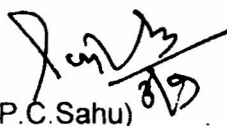
This issues with the approval of Traffic Transportation Directorate of Finance Directorate of the Ministry of Railways.

SL NO. 88(4)/12, Six Pages ①

All concerned to note and act accordingly.

Authority: Railway Board's letter No.TCR/1394/2003/11-pt.B dated 31.08.2012.

Encl: As above.

  
(P.C.Sahu)

Dy. Chief Commercial Manager (FS)

No.CCM/356/Policy/Pt.VI

Date: 03.09.2012

Copy forwarded to:

All Station Managers/ Goods Supervisors/Commercial Supervisors /Siding Clerks / Booking Clerk in Charges / Weigh Bridge Clerks / Clerk in Charges / City Booking Agencies / Out Agencies.

Copy for information and necessary action to the:-

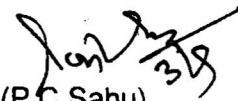
COM: ECoR, SDGM/ECoR/BBS, Chairman/RCT/BBS, Dy.CVO(T)/ECoR/BBS, PO/RCT/BBS

Dy.COM(FOIS) /ECoR/BBS, Audit officer/BBS. DRM: KUR,WAT,SBP/ECoR,

Sr.DOM-KUR,WAT,SBP/ECoR, Sr.DCM:KUR,WAT/SPB/ECoR, Dy.CCM(Claims)/E.Co.Rly.

FA & CAO :E.Co.Rly , FA & CAO(T)/ECoR/BBS, Traffic Manager: VZP, Paradeep PortTrust / Paradeep,



  
(P.C.Sahu)

Dy. Chief Commercial Manager (FS)

SL NO. 88(4)/12, Six pages ②

**GOVERNMENT OF INDIA (BHARAT SARKAR)  
MINISTRY OF RAILWAYS (RAIL MANTRALAYA)  
RAILWAY BOARD**

No.TCR/1394/2003/11-pt.B

New Delhi, dated 31.08.2012

**The General Managers**

All Indian Railways.

**Sub: Designed Tare weight and gross axle load limit of wagons for fixation of Permissible Carrying Capacity.**

**Ref. Board's letter Nos.TC1/2010/108/4 dated 16.09.11 & 22.09.2011  
(copies enclosed)**

\*\*\*

In terms of Board's letters No.TCR/1394/2003/11 dated 29.07.2011, 05.08.2011, 12.03.2012, 30.03.2012, 19.07.2012 & 26.07.2012 (Board's Rates Circular No. 28/2011 and corrigenda thereto), Permissible Carrying Capacity (PCC) of different wagons has already been conveyed.

2.0 Vide Board's letter No. TC-1/2010/108/4 dated 16.09.2011, instructions were issued that the standardized PCC of the wagons are based on the designed tare of the wagons and permissible axle load limit. It was also conveyed that in cases where tare weighment of empty wagons has been permitted, the existing procedure for calculating the PCC of wagons will continue unchanged as issued vide Board's letter No. TCR/1394/83/6 pt. dated 17.02.2009, 05.03.2009 & 05.08.2011 (Board's RC No.20/2009 & corrigendum).

The designed tare weights of different stock plying in Indian Railways was also circulated along with the above Board's instructions dated 16.09.2011.

3.0 Subsequently, vide Board's letter No. TC-1/2010/108/4 dated 22.09.2011, it was conveyed that the aforesaid instructions dated 16.09.2011 would come into effect only after issue of a revised JPO.

4.0 The matter has now been reviewed and it has been decided that the instructions issued vide Board's letter No. TC-1/2010/108/4 dated 16.09.2011 are to be given effect from **01.09.2012** on the basis of following Gross load limit:

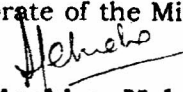
| S.N. | Route                 | Permissible Gross load limit of wagon* |
|------|-----------------------|----------------------------------------|
| 1    | 25 t axle             | 100.0 t                                |
| 2    | CC+8+2                | 91.6 t                                 |
| 3    | CC+6+2                | 89.6 t                                 |
| 4    | CC+4+2(excepted CC+6) | 88.0 t                                 |

\*inclusive of loading tolerance

5.0 The designed tare of the following new wagon types should also be included in the list containing designed tare weight of different stock plying in Indian Railways circulated already vide Board's letter of 16.09.2011 :

| Types of wagons | Route | Tare weight |
|-----------------|-------|-------------|
| BOBRNHS         |       | 25.6 t      |
| BRHNEHS         |       | 22.6 t      |
| BOBYNHS         |       | 25.2 t      |

This issues with the approval of Traffic Transportation Directorate of the Ministry of Railways.

  
(Aashima Mehrotra)  
Joint Director Traffic Comm'l.(Rates)  
Railway Board.

DA: as above

*SL NO. 88(9)/12, Six Pages (3)*

GOVERNMENT OF INDIA  
MINISTRY OF RAILWAYS  
(RAILWAY BOARD)

No.TC-I/2010/108/4

New Delhi, Dt. /6 09.2011

Chief Commercial Managers,  
All Indian Railways.

**Sub:Designed tare weight of wagons for fixation of permissible carrying capacity.**

\*\*\*\*

In terms of Board's letters No.TCR/1394/2003/11 dated 29.07.2011 and 05.08.2011 (Rates Circular No.28 of 2011and corrigendum thereto), permissible carrying capacity (PCC) of different wagons has been revised. These standardized PCC of the wagons are based on the designed tare of the wagons and permissible axle load limit. Therefore, it has been decided that the designed tare of the wagons should be taken as the benchmark for reckoning of overloading in any wagons. However, in those cases where tare weighment of empty wagons have been permitted, the existing procedure for calculating permissible carrying capacity of the wagons will continue unchanged as issued vide Board's letter No.TCR/1394/83/6 pt. dated 17.2.2009, 5.3.2009 and 5.8.2011 (RC No.19/2009 & corrigendum and RC No.20/2009 & corrigendum).

The detail of designed tare weight of different stocks plying on Indian Railways, as supplied by Mechanical Engineering Directorate of Railway Board is enclosed for ready reference.

Previous COM/ECOR's Circular no. 103(G)/2011

dt. 19/09/2011

(Aashima Mehrotra)  
Jt. Director Traffic Commi.(Rates)  
Railway Board.

SL NO. 88(G)/12  
Six pages (4)

19/09/11  
c/c

# DETAILS OF DESIGNED TARE-WEIGHT OF DIFFERENT STOCK

| Type of wagons | Tare weight |
|----------------|-------------|
| <b>OPEN</b>    |             |
| BOXN           | 22.48       |
| BOXNCR         | 22.48       |
| BOXNHS         | 22.51       |
| BOXNHSM1       | 22.53       |
| BOXNM1         | 22.53       |
| BOXNHL         | 20.60       |
| BOXNHA         | 23.17       |
| BOXNLW         | 20.60       |
| BOXNLWM1       | 20.41       |
| BOXNR          | 21.20       |
| BOXNEL         | 23.10       |
| BOX            | 26.23       |
| BOXC           | 25.00       |
| BOXR           | 21.20       |
| BOXT           | 26.23       |
| BOY            | 20.71       |
| BOYN           | 20.50       |
| BOYEL          | 20.70       |
| BOI            | 22.80       |
| BOST           | 25.50       |

|                |       |
|----------------|-------|
| <b>COVERED</b> |       |
| BCN            | 27.20 |
| BCNA, BCNAHS   | 24.60 |
| BCX            | 28.50 |
| BCXN           | 27.01 |
| BCNHL          | 20.80 |
| BCCW           | 23.00 |

| Type of wagons | Tare weight |
|----------------|-------------|
| <b>HOPPER</b>  |             |
| BOBR           | 26.00       |
| BOBRN          | 25.61       |
| BOBS           | 26.40       |
| BOBSNM1        | 30.00       |
| BOBSN          | 30.00       |
| BOBX           | 25.15       |
| BOB            | 25.40       |
| BOBC           | 18.03       |
| BOBY           | 27.04       |
| BOBYN          | 25.20       |

|             |       |
|-------------|-------|
| <b>FLAT</b> |       |
| BRN         | 20.32 |
| BRNA        | 23.54 |
| BRNAHS      | 23.54 |
| BFNS        | 26.71 |
| BRH         | 24.38 |
| BRHC        | 25.23 |
| BRHT        | 25.92 |
| BRS         | 25.10 |
| BRST        | 25.10 |
| BFR         | 20.50 |

Previous CCM/ECOR's Circular NO. 103(G)/2011  
 SLNO. 88(G)/12, Six Pages (5) 4.19/9/2011

**GOVERNMENT OF INDIA/BHARAT SARKAR  
MINISTRY OF RAILWAYS/RAIL MANTRALAYA  
(RAILWAY BOARD)**

No.TC-I/2010/108/4

New Delhi, dated 22.09.2011

**Chief Commercial Managers  
All Indian Railways**

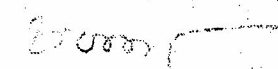
Sub: Designed tare weight of wagons for fixation of Permissible Carrying Capacity of wagons.

Ref: Board's letter of even number dated 16.09.2011

In terms of Board's letter under reference, Board's decision was communicated to all Zonal Railways to take designed tare weight of various wagons as benchmark for reckoning the overloading in any wagons. It was also communicated that in those cases where tare weightment of empty wagons have been permitted, the existing procedure for calculating the permissible carrying capacity of wagons will continue unchanged.

The matter has been reviewed. Since a revised Joint Procedure Order for operation of trains with enhanced axle load is under consideration of Board, it has been decided that the instructions communicated vide Board's letter under reference on this subject will come into effect only after the issue of revised JPO.

*(This disposes off ER's letter No.C.368/D Vol XII/BC/CL-18/CL-45 dated 19.9.2011)*

  
(Sanjay Kumar Jha)  
Deputy Director, Traffic Commercial (Rates)  
Railway Board

Previous COM/ECOR's Circular No.107(5)/2011  
SL NO. 38(9)/12, Six pages ⑥ dt. 23/9/2011