

Government of India  
Ministry of Railways  
Railway Board

No.TC-I/2011/109/5

New Delhi, Dt. 20.11.2013

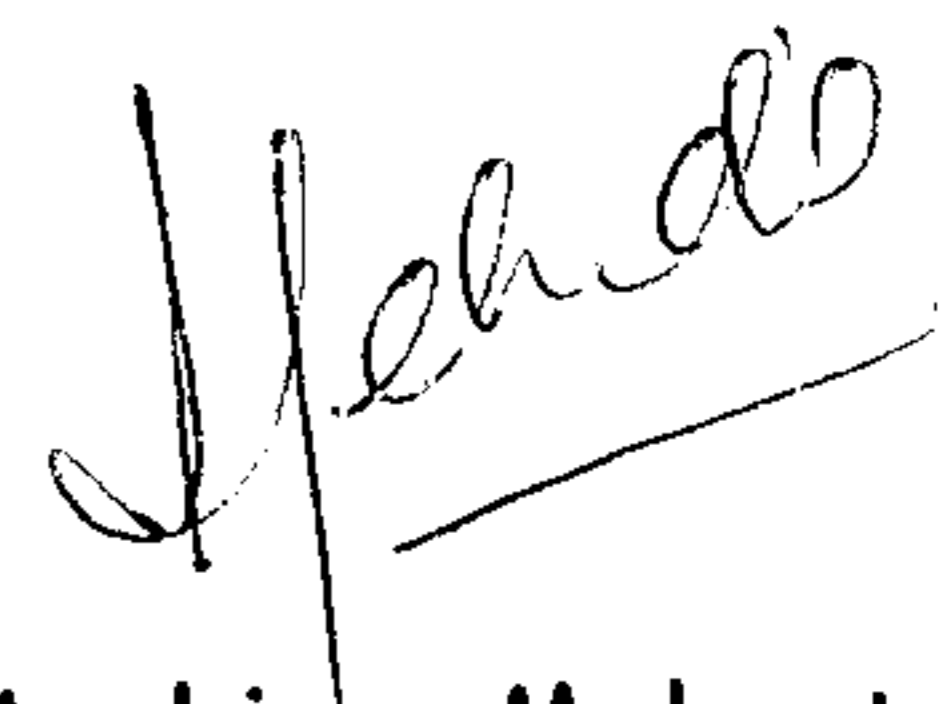
Chief Commercial Manager  
North Eastern Railway,  
Gorakhpur.

**Sub: Weighment of palm oil/molasses consignment on electronic in-motion weighbridge**

Please refer to NER's letter No.C/409/DC/WC/Misc./2011 dt.31.10.2013 regarding weighment of palm oil/molasses consignment on electronic in-motion weighbridge.

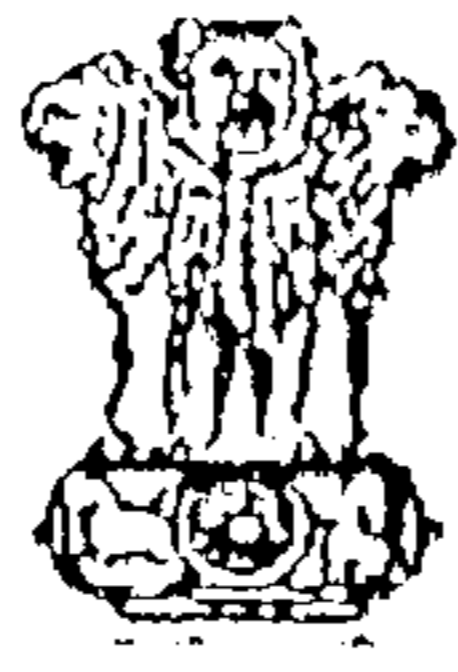
In this regard, a copy of RDSO's letter dt.4.12.2007, Board's letter No.TC-I/2011/109/5 dt.9.9.2011 and Board's letter No.TC-I/2007/108/4 dt.6.2.2009(Rates Circular No.12 of 2009) are enclosed herewith which are self explanatory. NER is advised to take appropriate action at their end duly keeping in view the extant guidelines on the subject matter.

D.A. As above



(Aashima Mehrotra)  
Director, Traffic Comml.(Rates)  
Railway Board

Tel/Fax : 91-0522-2452494  
'रेलमानक' लखनऊ  
Telegram : 'RAILMANAK'  
Lucknow  
फोन/Tele: 2451200 (PBX)  
2450567 (DID)



भारत सरकार - रेल मंत्रालय  
अनुसंधान अभिकल्प और मानक संगठन  
लखनऊ - 226011  
Government of India - Ministry of Railways  
Research Designs & Standards Organisation  
Lucknow - 226011

S No. 13

ISO MW/C'S/PE/WB

Dated : 04.12.2007

DME (Dev.),  
Rail Bhawan,  
Railway Board,  
New Delhi- 110 001.

[ Kind attn : Shri Ajay Singh, Director ( Development ) ]

Sub : Regarding suggestion for system improvement & issue of policy guidelines.

Ref : (i) Dir (Dev.)'s letter No. <sup>99</sup>99/Dev.Cell/IDEI/X/2 dated 23.11.2007.

\*\*\*

Clause 3(2) of Gazette of India (Extraordinary) No. 381 dated 25th July, 2001 issued by Dept. of Consumer Affairs, states that

“ Instruments constructed only for partial weighing shall not be used to weigh liquid loads or any other loads that may be subjected to fluctuations in its center of gravity, unless there is a possibility to anticipate & compensate for such fluctuations.”

The in-motion railway wagon weighbridge being purchased by IR are constructed only for partial weighing, as only one wagon axle is weighed at a time. i.e. entire wagon cannot be weighed simultaneously.

Hence, this weighbridge may not give completely accurate weighing for liquid loads or any other loads that may be subjected to fluctuations in its center of gravity.

This is for your kind information.

DA: Nil

(Devashish Tripathi )  
For Director General ( Wagon )

S: NO - 14

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

1/20/11  
10/11/11  
9/19/11

No. TC-1/2011 /109/5

New Delhi, dt. 9-09-2011

Chief Commercial Manager,  
Eastern Railway,  
Kolkata.

Sub: W.P.No. 9333(W) of 201 field by M/s Himadari chemicals & Industries Ltd.  
Vs. Union of India.

Ref: Eastern Railway's letter No. C.611/72/2/Calibration/Vol.IX/RD-I(CC) dt.  
03.08.2011.

\*\*\*\*\*

The issues raised in the letter under reference have been examined in consultation with Traffic Transportation and Mechanical Engineering Dtes. Of Railway Board.

It is to advise that the liquid loads cannot be weighed on in-motion weighbridges. In this regards a letter from RDSO No. MW/CS/PE/WB dt. 04.12.2007 is enclosed for guidance and necessary action.

(Sanjany Kumar Jha)  
Dy. Director, Traffic Comml. (Rates)  
Railway Board

DA:- as above

Ministry of Railways  
New Delhi  
Date of Issue: 09/09/11  
Signature: [Handwritten Signature]  
[Stamp]

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

No. TC-I/2007/108/4

New Delhi, dated 06-02-2009

General Managers (Commercial),  
All Indian Railways

**Sub: Weighment of molasses and edible oils when loaded in Tank wagons.**

\*\*\*\*\*

The issue regarding weighment of molasses and edible oils when loaded in tank wagons has been examined in Board. It has been decided that weighment of molasses and edible oils should be done through dip measurement method and for this following guidelines may be followed with immediate effect:

**A) Weighment of molasses**

- (i) The density (specific gravity) of molasses is standardized as **1.5**.
- (ii) South Central Railway should prepare calibration chart for all the wagons being used for loading of molasses and circulate the same to all Zonal Railways latest by 28.02.09.

**B) Weighment of edible oils**

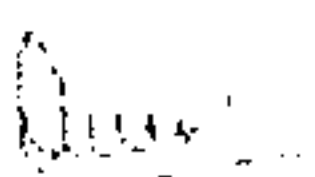
- (i) The density (specific gravity) of edible oils is standardized as **0.925**.
- (ii) The calibration chart available for FO/TDO (POL product) is to be used for edible oils also to determine the actual weight of the consignment.

**C)** Dip measurement should be done when wagon is in stationary condition.

**D)** Zonal Railway should obtain an undertaking from the customer at the time of loading point that density of molasses/edible oil being loaded is not more than what has been prescribed in 'A' and 'B' above.

In addition to above, Zonal Railways will periodically check the densities of molasses and edible oils loaded in tank wagons. Such periodicity should not be more than three months. If the density is found higher than 1.5 in case of molasses and higher than 0.925 in case of edible oils, Board should be apprised immediately.

This issues in consultation with the Traffic Transportation and Mechanical Directorates and with the concurrence of Finance Directorate of the Ministry of Railways.

  
(N. K. Parsuramka)  
Director, Traffic Comml. (Rates)  
Railway Board