

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

No. 2018/M(N)/951/5Pt.1 (E. No. 3336204)

Dated 04.04.2025

**Principal Chief Mechanical Engineers
All Zonal Railways**

Sub: Loading of steel coils in container wagon.

Ref: RDSO's letter no. MW/Container dated 30.07.2024 (copy enclosed)

Please find enclosed the letter under reference above, wherein RDSO has examined the subject matter and has made recommendations for the loading of steel coils in container wagons and post-loading inspection.

In this regard, the following recommendations are advised to All Zonal Railways:

- A. Responsibility for proper loading and securing of any consignment, including steel coil, should be governed as per international norms given in IMO/ILO/UNECE Code of Practice for Packing of Cargo Transport Units or relevant guidelines.
- B. CTOs responsible for the loading of containers on container Rakes operating on the IR and DFC network should ensure that the above guidelines are being followed without any exception to ensure safety in train operations.
- C. CTOs should also ensure that specific guidelines being followed by the Shipper/Packer/Consigner are invariably shared with the concerned Zonal Railway beforehand.
- D. If required, Zonal Railway may send a specific loading arrangement being followed by the Shipper/Packer/Consigner for any further evaluation for ensuring safety in train operations over Indian Railways and DFC networks.

DA: As above.

Signed by

Happy Walia

Date: 04-04-2025 12:58:20

(Happy Walia)

EDME(Freight)

Railway Board

Email: edmef@rb.railnet.gov.in

Room No. 312-C, Rail Bhavan, Raisina Road, New Delhi-110001

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संख्या-एमडब्ल्यू/Container

Date: 30.07.2024

EDME(Freight),
Railway Board,
Rail Bhawan,
New Delhi-110001

विषय:: Loading of steel coils in container wagon

सन्दर्भ: CRSE(Fr.)/SWR letter no. SWR/M/N/19/Vol-XII dt. 24.07.2024

Vide enclosed letter under ref., guidelines have been sought regarding loading, securing and post loading check of steel coils loaded in containers. The issue has been examined and following are submitted:

1. At present IR specifies operation of a particular type of container (ISO, dwarf, cube, 12ft etc.) based on its dimensional parameters (ISO-668), compatibility with securing arrangement of container with wagon, and load of container etc. as per design specification of a variant of wagon. These guidelines are also contained in the Technical Pamphlet no G-117 for safe operation of containers over Indian Railways/DFCCIL of April-2024.
2. However, loading and securing of commodity inside a container is dealt based on IMO guidelines, guidelines issued by classification societies (IACS), or handbooks issued by other reputed international agencies (i.e. GDV) in this reference.
3. As per IMO/ILO/UNECE Code of Practice for Packing of Cargo Transport Units issued in 2014, shipper is responsible to deliver a cargo which is safe and suitable for transport. Thus, onus of correct loading and securing of consignment in the container lies with Shipper. It has also been mentioned that, the shipper remains responsible for any deficiency of the CTU that is a result of poor packing and securing. However, when the shipper is neither the packer nor the consignor, the packer and the consignor should fulfil their obligation to the shipper ensuring that the CTU is safe for transport.
4. It has been clarified in relevant IMO/ILO/ UNECE Code of Practice, the party named on the bill of lading or waybill as shipper and/or who concludes a contract of carriage (or in whose name or on whose behalf a contract of carriage has been concluded) with a carrier. Shipper is also known as the sender.
5. From the IMO/ILO/UNECE Code of Practice for Packing of Cargo Transport Units it can also be seen that each type of consignment being loaded inside the container requires specific and specialised securing arrangement which is to be ensured by Shipper as explained above.

Keeping above in view, following recommendations are made on the subject matter for consideration of Railway Board and issue of necessary guidelines:

- A. Responsibility for proper loading and securing of any consignment including steel coil should be governed as per international norms given in IMO/ILO/UNECE Code of Practice for Packing of Cargo Transport Units or relevant guidelines.

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- B. CTOs responsible for loading of containers on container Rakes operating on IR and DFC network should ensure that above guidelines are being followed without any exception to ensure safety in train operations.
- C. CTOs should also ensure that specific guidelines being followed by Shipper/Packer/Consigner is invariably shared with concerned Zonal Railway beforehand.
- D. If required Zonal Railway may send specific loading arrangement being followed by Shipper/Packer/Consigner for any further evaluation for ensuring safety in train operations over Indian Railways and DFC networks.

संलग्न –उपरोक्त

Digitally Signed by Apurva

Date: 01-08-2024 11:20:33

Reason: Approved

(अपूर्व)

निदेशक/माल डिब्बा

कृते महा निदेशक/माल डिब्बा

प्रतिलिपि :-

CRSE/Fr, South Western Railway,HQ Office, Gadag Road, Hubli-580020 for information please.

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दक्षिण पश्चिम रेलवे
SOUTH WESTERN RAILWAY

यांत्रिक प्रधान कार्यालय/Mechanical HQ Office,
गदगरोड/GadagRoad ,
हुबली/HUBLI- 580 020
Dated : 24.07.2024

No. SWR/M/N/19/Vol-XII

ED/Wagon
RDSO, Lucknow


Sub: Loading of steel coil in container wagons at JSW
Ref: Sr.DME/C&W/UBL's L.No. H/M.32/Wagon dtd.09.07.2024

JSWT, Vijaynagar, Karnataka has started loading of Steel coils in container wagons from 10.06.2024. Till date 6 rakes owned by M/s D P World have been loaded at JSWT and dispatched to Marmagoa Port.

The loading of steel coils in containers are expected to continue in future. As can be seen from the photos attached vide Sr. DME/UBL letter, the coils are placed in the V-groove provided longitudinally along the length of the container. Necessary isolation hooks are also provided on the channels for lashing of the steel coils. Guidelines are available for conducting post loading checks which is being followed scrupulously on steel coil loaded rakes. However, there are no instructions available for conducting post loading checks on Container loaded with steel coil.

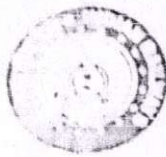
It is therefore, requested to kindly issue necessary guidelines /drawing for loading of steel coils in container wagons and post loading inspection. Photographs of loading in container wagons are enclosed herewith for ready reference.

Encl: As above


(Prakash Chaudhary)
CRSE/Frt/SWR

C/- EDME/Freight /Rly Board- for kind information please

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दक्षिण पश्चिम रेलवे -SOUTH WESTERN RAILWAY

वरिष्ठ मंडल यांत्रिक इंजीनियर(समन्वय) कार्यालय
Sr. Divisional Mechanical Engineer (Co-Ord)Office

मंडल कार्यालय/Divisional Office

यांत्रिक शाखा/Mechanical Branch

हुबबल्लि/ Hubballi-580 020

दिनांक/Date:-09-07-2024.

सं./No. 11/M. 320/ Wagon

CRSE/FRT/SWR.

विषय SUB:- Loading of Steel commodities (Coil) in container wagon at JSWT.

With reference to the above, the recent operation involving the loading of steel commodities(coil) in container wagons by JSWT authority on 19.06.2024. and it may continue in future. The efficient handling and transportation of steel products are critical. The steel commodities are handled with the outmost care and efficient. This includes proper stacking and securing of steel products to minimize movement within the container wagons.

In this regard, RDSO drawing is necessary to comply with inspection procedures before and after loading steel consignments. Kindly refer this matter to RDSO for arranging the required drawings.

The Steel Commodities (coil) Loaded in Container wagons on 19.06. 2024.have been given in enclosure.

This is for your kind information and early action please.

Encl: Details & Photos.

(अनिल कुमार / Anil Kumar)

व. मंडल यांत्रिक इंजीनियर/को-ऑर्डिनेशन/हुबली
Sr.DME/Co-Ordination/UBL

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Annexure

