

**JOINT PROCEDURE ORDER**

No. 2022/M(N)/60/3 (E-3387858)

New Delhi, dated: 04.05.2023

**General Managers,  
All Zonal Railways**

**Sub: Measures for operation of freight trains consisting of wagons having BMBS  
- Latest instructions regarding mixing of wagons**

**Ref:** (i) Railway Board's Letter of even no. dated 17.01.2023 (copy enclosed)  
(ii) Railway Board's Letter of even no. dated 21.03.2023 (copy enclosed)

Revised instructions regarding measures for operation of loaded freight trains consisting of more than 50% wagons having BMBS were issued by Railway Board vide letter u/r (i). In these instructions certain conditions for mixing of BOXNHL and BTFLN wagons, amongst others, were stipulated.

However, in order to expedite mixing of wagons, these conditions for BOXNHL and BTFLN wagons have been re-considered and latest instructions are given in the enclosed Annexure-A. These latest instructions will supercede the instructions given in para 3.1 (a) & (c), 3.2 (a) & (c) and 3.3 (a) to (c) of Annexure "A" of the Board's letter u/r(i).

Compliance of these latest instructions and remaining instructions mentioned in the Board's letters u/r (i) & (ii) are to be ensured by the Zonal Railways.

*This is being issued with the approval of M/T&RS and M/O&BD.*

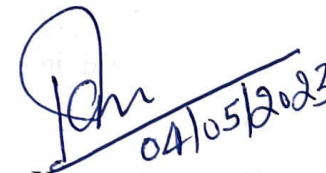
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**Copy to:**

Sr.PPS to CRB & CEO- for kind information of CRB  
PSO to M/T&RS- for kind information of M/T&RS  
Sr.PPS to M/O&BD- for kind information of M/O&BD  
PSO to MI- for kind information of MI  
DG/RDSO- for kind information  
AM/ME, AM/TT & AM/Traction- for kind information

**Latest Instructions regarding mixing of BOXNHL & BTFLN wagons having Bogie Mounted Brake System (BMBS)**

*Note: Changes in clause 3.1 (a) & (c), 3.2 (a) & (c) and 3.3 (a) to (c) in Annexure "A" of Board's letter of even no. dated 17<sup>th</sup> Jan'23 are shown in Italics in font size 14 & in Bold letters*

**3. Mixing of Wagons:**

3.1. Efforts to be made for mixing **of Railway Owned wagons** having Knorr design BMBS with wagons having other design of BMBS/Conventional brake system to the extent possible, depending upon the availability of suitable wagons, targeting following max. % wagons with Knorr Design BMBS in a freight train:

SN	Type of Rakes	Target max. percentage of wagons with Knorr design BMBS in a freight train	Condition
a)	<b><u>BOXNHL</u></b>	<b><u>50%</u></b>	<b><i>Mixing to be done within <u>BOXNHL</u> and with other <u>BOXN</u> variant wagons</i></b>
b)	BOXNHL25	70%	Mixing to be done within BOXNHL25 type wagons ONLY
c)	<b><u>BTFLN</u></b>	<b><u>50%</u></b>	<b><i>Mixing to be done within <u>BTFLN</u> and with <u>BTPN</u> wagons</i></b>
d)	BCFC	85%	Mixing to be done within BCFC wagons ONLY
e)	BOXNS	0%	Mixing not required as all BOXNS wagons having conventional brake system
f)	Wagon types other than mentioned in point a) to e) above	35%	Mixing to be done within compatible wagons ONLY

3.2. For avoidance of doubt, it is reiterated that

- a. ***Mixing of BOXNHL type wagons is to be done within BOXNHL and with other BOXN variant wagons***
- b. ***Mixing of BOXNHL25 wagons is to be done within BOXNHL25 type wagons ONLY***
- c. ***Mixing of BTFLN wagons is to be done within BTFLN and with BTPN wagons***
- d. ***Mixing of BCFC wagons is to be done within BCFC type wagons ONLY***

*[Signature]*  
04/05/2023

*[Signature]*  
24/5/23



3.3. New rakes of BOXNHL wagons which are being manufactured are to be directed, as under, for the purpose of mixing:

- a. Newly built wagons' despatch to be prioritised to the CC depots where mixing of wagons is lower and/or CC depots whose rakes are mostly running in high gradient sections. Advise in this regard shall be issued by Board, as per requirement, from time to time
- b. After POH and Heavy repairs, BOXN variant wagons to be dispatched to the nearest CC depot for utilization in mixing

3.4. Efforts to be made for mixing of Privately Owned wagons having Knorr design BMBS with compatible wagons, of the same owning entity, having other design of BMBS/Conventional brake system, to the extent possible, depending upon the availability of suitable wagons, targeting max. 50% wagons with Knorr design BMBS in a freight train.

3.5. Conditions mentioned at para 3.1 and 3.4 are desirable, not mandatory ones.

3.6. Planning for mixing of wagons, as mentioned in paras 3.1 & 3.4 above, is to be done yard wise by the Zonal Railways and closely monitored by PCMEs and PCOMs of the respective Zonal Railways.

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*Am*  
24/09/23

*pm*  
04/05/2023