

	<p>संरक्षा विभाग/मुख्यालय SAFETY DEPARTMENT/HQ दक्षिण पूर्व मध्य रेलवे, बिलासपुर (छ.ग.) 495004 SOUTH EAST CENTRAL RAILWAY, BILASPUR (C.G.) 495004 email: cso@secr.railnet.gov.in</p>	 <p>एक कदम स्वच्छता की ओर</p>
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No. PCSO/Safety/Safety Circular/163/Mech/1

Dated : 27.07.22

**Zonal Safety Circular No: 05/2022**

**Sub: Maintenance & Operation of BOXNHL and other freight rakes with BMBS.**

In order to ensure safe train running of BOXNHL and freight stock rakes fitted with BMBS, following instructions may be followed.

**Maintenance of rakes -**

1. Strictly adhere to 100% BPC during CC examination.
2. Ensure endorse in BPC the type of rake (whether BMBS or conventional or mixed-BMBS and conventional) and the number of wagons with BMBS in the rake.
3. All maintenance instructions regarding the correct functioning of APM and adjustment of gap as prescribed shall be strictly ensured.
4. Ensure timely replacement of worn out brake blocks.
5. Twin pipe working of rakes with BMBS should be ensured.

**Operation of rakes.**

1. In case of Invalid BPC, LP & Guard must calculate brake power during GDR check. ( Refer - SR 4.31.03-(8))
2. Crew will ensure that no train with twin pipe endorsement on BPC run in Single pipe mode.
3. The braking and controlling of rakes with BMBS has to be done differently (as compared to conventional rakes fitted under frame mounted brake system) which must be counselled/taught by Loco Inspectors and Traction training centres.
4. Before starting from dead stop, push back should be done by 05 meters (Half wagon length) before pulling.
5. "Brake Feel Test" should be done after starting the train and before attaining the speed of 20 KMPH and "Brake Power Test" should be done after reaching minimum 40 kmph speed in the first block section.

**Hindi version will follow**

**PCSO/SECR**

Copy to : 1) PCEE, PCOM, PCME/SECR for information.

2) DRM/BSP, R & NAG for information and necessary action.

3) Sr. DSO/BSP, R & NAG for necessary action.

4) Principal MDTC & ELTC/USL for information and counselling to the Trainees.