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

No.2018/M(N)/951/34

रेल भवन, नई दिल्ली- 110001, तिथि
Rail Bhavan, New Delhi-110001, **Dated 24.05.2019**

Pr. Chief Mechanical Engineers
All Indian Railways

Sub: Minimum permissible brake power of freight trains
Ref: SCR's letter No. M.274/C&W/Tr.Ex/250/Vol.V dt.08.05.2019

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It is understood that on some railways, the working time table and/or subsidiary rules are providing for conflicting requirements of brake power percentage for various types of freight trains as prescribed for originating and enroute stations. It is advised that the requirement of brake power and other conditions with reference to BPC etc., have been listed out in Operating Manual 2008 (Page 170). These instructions provide clear guidelines for different types of trains like End to End, Premium, Close circuit and Containers.

Railways may take necessary action to ensure that the provisions in their working time tables and subsidiary rules are in line with those made in the operating manual 2008.

(AJAY NANDAN)
Exec. Director Mech. Engg (Fr)
Railway Board

Copy: PED/Safety – for kind information please.

DETAILS OF BRAKE POWER CERTIFICATE

S.No	Type of train	Validity	Brake Power%		Conditions for invalid BPC & Other instructions
			Originating station	En-route station	
1	Ordinary End to End Rakes Vacuum brake rake, Air braker rake other than Premium	Examination-Loading-Unloading-Examination, ie., one time loading	85-Vacuum brake stock 90-Air brake stock	75	The BPC will become invalid, if - i) No destination mentioned on the BPC of Loaded train ii) Empty rake does not reach loading point within 04 days (for Vacuum brake stock) iii) Train composition is changed by 10FWUs or Four 8 wheeled wagons or more iv) Train is stabled more than 24 hours in examination yard.
2	Premium Air brake Rakes VOXN, BCN, BRN, BOBRN, etc.	12 days for multiple loading, i.e., loading to be done within 12 days +3 days grace period in loaded condition.	Minimum 95	Not mentioned	The BPC will become invalid, if - i) Rake integrity is disturbed by more than Four 8 - wheeled wagons ii) Train is stabled more than 24 hours in examination yard Instructions for Premium End to End rakes: i) After lapse of 12 days, rake to be offered for examination at the first nominated intensive examination point in the direction of movement. ii) After lapse of 15 days, rake either empty or loaded shall be offered for examination at the first exam point in the direction of movement iii) Premium BPC shall be issued from the nominated "A" category depot. iv) Normal End to End BPC shall be issued if the rake is not offered for examination in empty condition or at nominated "A" category exam point. v) After each loading/unloading, the rake shall be subjected to GDR check
3	Close circuit rakes only Air brake stock	Premium CC rake - 7500 kms/35 days whichever is earlier Or 6000 kms/30 days' whichever is earlier (Some railways have CC rakes of 6000 kms/30 days whichever is earlier. C..Rly. does not have such rakes	100	90	The BPC will become invalid, if - i) Rake is not running in nominated circuit. ii) Rake is stabled more than 4 hrs at examination station. iii) Rake has completed either stipulated Kms or days iv) More than 4 wagons are replaed between two Periodical Maintenance Examination ie., PME Instructions for Premium CC rakes: i) Rake shall be offered at its Nominated "A" category base depot ii) Rake shall be formed off POH/ROH wagons only iii) After each loading/unloading, the rake shall be subjected to GDR check iv) BPC shall be revalidated by C&W staff wherever TXR staff is provided v) Wagons to be attached shall be good examined wagons.
4	Container rakes BLCA+BLCB	6000 kms/0 days Circuits - TKD - JNPT-DADRI/TKD-JNPT/TKD/AQ depot run on fre4e circuit basis	100	90	The BPC will become invalid, if - j) Rake has completed either Stipulated Kms or days. ii) Rake is not running in nominated circuit Instructions for Container rakes: iii) Rake integrity is to be maintained iv) Revalidation of BPC by TXR staff after every unloading/loading v) Rake shall be formed from New wagons or Off POH/ROH wagons vi) Utilization of wagons in 6000 kms. Rake - New wagons up to 12 months/Off POH/ROH wagons up to 09 months.