



सत्यमेव जयते

भारत सरकार -रेल मंत्रालय
अनुसंधान अभिकल्प और मानक संगठन
लखनऊ - 226011

Government of India - Ministry of Railways
Research Designs & Standards Organization
Lucknow – 226011

Fax : 91-0522-2452494
Telephone : 91-0522-2456165

No. MW/APB/BMB/KNORR

Date: 30.12.2022

1. The General Manager
All Zonal Railways
2. The Managing Director
DFCCIL & KRCL

Sub: Instructions for bypassing of Automatic Pressure Modification Device (APM) in rakes with wagons fitted with Knorr Design BMBS.

Ref: (i) This office letter No. MW/APB/BMB dt. 13.09.2022.
(ii) This office letter No. MW/APB/BMB dt. 20.12.2022.

- 1.0 Vide ref. (i) above, it was advised to by-pass APM on trial basis in privately owned rakes (manufactured after 2019) with wagons fitted with BMBS supplied by M/s. KBIPL.
- 2.0 Vide ref. (ii) above, it was requested that feedback regarding any abnormality/unusual incidence in any of the rakes on which APM are bypassed be sent to RDSO.
- 3.0 Till date, no adverse feedback has been received from any of the Zonal Railways.
- 4.0 Based on above, it is advised that these trials be continued on all rakes i.e. IR owned and privately owned rakes, irrespective of the year of manufacture. The APM should be bypassed for all rakes with more than 90% of wagons provided with BMBS supplied by M/s. KBIPL.
- 5.0 For by passing the APM, the travel of sensor arm of the APM has to be constrained (by tying the APM sensor arm) so that it is artificially made to sense the wagon always in loaded condition and output of DV in both loaded and empty condition is provided to the brake cylinder without any modification.
- 6.0 Any abnormality/unusual incidence observed in any rake may be immediately informed to RDSO and trial may be stopped immediately.
- 7.0 This measure may be carried out as a trial for the next three months and fortnightly feedback sent to RDSO at abwd.rdsO@gmail.com for taking further necessary action.

Digitally Signed by Manish
Thaplyal (Dr. Manish Thaplyal)
Date: 30-12-2022 22:15:18
Reason: Approved

Copy to- EDME/Freight/RB- For kind information