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

No.2023/Safety (A&R)/19/35 **New Delhi, dated 21.02.2024.**

General Managers
All Zonal Railways

Sub: Safety measures for train operation during water submerging of track in suburban section & during Pre-NI.

Ref: RB letter No. No.2023/Safety (A&R)/19/35 dated 20.02.2024.

In continuation to the letter above, it is further advised that the measures stated in IRPWM under paras 1116 & 1117 pertaining to Flooded Causeways / Dips & Special Precautions when Track is submerged are to be followed strictly in case of train operation at water logged stations/yards. The relevant paras are replicated below for ready reference:

Para 1116 (1) Permissible depth of water for passage of trains – In the case of causeways that are flooded and the velocity of current is insignificant, trains may be permitted to pass when the depth of water above rail-level does not exceed 300 mm for passenger and mixed trains and 450 mm for goods train, provided in each case JE/SSE/P.Way has satisfied himself by walking over and probing that Permanent Way is intact and in a fit condition.

(2) (a) Indication posts – Indication posts about 1200 mm in height shall be fixed at each dip, one at each end of the level portion, with flat bar attached to them to indicate level mentioned in sub Para (1)above.

(b) The posts should be painted black and white in 300 mm length so arranged that the flat bars which shall be painted white, show up against 300 mm length of black colour.

(c) The posts shall be fixed 3 m from the centre of the track in the case of Broad Gauge

(d) The details for fixing Indication Posts have been shown in Annexure - 11/2. Page 374 of 417

(3) In the section where Electric Locos/Stock and or Diesel Locos ply, special gauges may be provided by the administration at the place liable to flooding, indicating the depth at which these Locos/Stock have to be stopped from the operation. These depths should be specified for each type of Locos/Stock by the administration.

Para1117 Special Precautions when Track is submerged –

(1) The following precautions shall be observed when the track is submerged:

(a) In all cases train shall be stopped dead and allowed to proceed at a speed not exceeding 10 Kmph.

(b) If water rises over the top of the ballast but is below rail level, the track should be checked before each train, by two men walking abreast one at either end of the sleepers, and only if the track has not been disturbed, should the train be allowed over the track.

(c) When water overtops the rails, the JE/SSE/P.Way shall pilot the train, after ensuring that the track is safe, by walking over the track and checking by means of probing, subject to depths specified in Para 1116 not being exceeded.

(2) Advice should be sent by the JE/SSE/P.Way to the ADEN and DEN, DRM and PCE when water rises above ballast level and again when it subsides. This should be followed up by special reports to the ADEN and DEN. Records of such occurrences should be entered in the SSE/P.Way in-charge's Section Register.

This is for kind information and necessary action.

Brijender Mani Tripathi

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(बृजेन्द्र मणि त्रिपाठी)
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रेलवे बोर्ड

Copy to:

1. AM/T, AM/CE & PED/SM, Railway Board: for kind information please.
2. PCOMs, PCSTEs, PCEs & PCSOs, All Zonal Railways: For kind information and n/a.