

**All Concerned,**

**Sub: Operation of WAG12B (Twin Bo-Bo) Locomotive with axle load of 22.5 ton  
Konkan Railway.**

**Ref: 1. CMD/KRCL's Sanction of running of rolling stock dated 20.08.2024.**

**2. SEE/OP/BLP letter no. KR/CO/EL/19/25 dated 19/2/2025.**

**3. Dy. CE/Track Note No. KR/W/1/104 dated 05/3/2025.**

Sanction is hereby accorded for running WAG12B (Twin Bo-Bo) locomotive with axle load of 22.5t up to a maximum speed of 90 kmph or maximum sectional speed whichever is less from ROHA (excluding) to THOKUR (including) (from KM 0.819 to KM 739.760) on all BG section of Konkan Railway. And it is further subjected to observance of all permanent and temporary speed restrictions in force and those that may be imposed from time to time with the following stipulations:

**1). The following are the ladder formation involving either 1 in 12 or 1 in 8.5 where speed will be restricted to 10 kmph for movement of **WAG 12B**.**

1. Ratnagiri : From OHE Mast Km. 203/04 - 203/06 towards sick line.
2. Verna: All R&D lines and Goods lines.
3. Madgaon : From Derailing Switch at OHE Mast Km. 442/34 - 442/36 towards MAQ end.

**2). The following are the crossover involving either 1 in 12 or 1 in 8.5 where speed will be restricted to 10 kmph for movement of **WAG 12B**.**

**(a) Having subsequent loops of 1 in 12 turnout.**

**UP Line:**

1. Kolad - Loop line 3 (Ro Ro line) – Both end cross over.
2. Indapur - Loop line 1 – Both end cross over.
3. Goregaon Road - Loop line 2 – Both end cross over & 101-102 Cross Over.
4. Veer - Loop line 2 – Mangaluru end cross over.
5. Majorda - Loop line - Roha end cross over (for KR train).

**DN Line :**

1. Kolad - Loop line 3 (Ro Ro line) – Both end cross over.
2. Kolad - Loop line 1 – Both end cross over.
3. Mangaon - Loop line 1 – Both end cross over.
4. Veer - Loop line 2 – Both end cross over.
5. Nivasar - Loop line 3 - Both end.
6. Kankavali - Loop line 1 - Both end cross over.
7. Sawantwadi Road – Terminus line - Roha end cross over.
8. Thivim - Loop line 1 - Both end cross over.
9. Karmali - Loop line 1 - Both end cross over.

10. Majorda - Loop line - Both end cross over.
11. Majorda Cansaulim – KRCL M/L – SWR DN line – cross over.
12. Madgaon yard : Trains departing in UP direction towards MJO and trains entering in DN direction from MJO
  - a) Loop line 5 & 6 – Roha end cross over.
  - b) Loop line 3 - Roha end cross over.
13. Madgaon yard : Trains departing towards & entering from CNR (SWR line) and BLI (KRCL line) - Loop line 6 –MAQ end 1 in 8.5 cross over.
14. Karwar – Goods line - Roha end cross over.
15. Suratkal - Loop line 1 - Both end cross over.
16. Thokur - Loop line 3 - Both end cross over.

**(b) Having subsequent loops of 1 in 8.5 turnout.**

1. Ratnagiri - Goods Line 3 & 4 - Both ends (Crossover 105/106 and 123/124).
  2. Nivasar - Loop line 3 - Both ends (Crossover 105/106 and 113/114).
  3. Verna – From Main Line to all goods line – Both ends.
  4. Madagaon – From DN M/L to M/L – MAQ end (Crossover 133/134).
  5. Karwar – Goods line – Roha end (Point no. 105).
  6. Udupi – Goods Line - Both ends (Crossover 107/108 and 117/118).
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| <b>3).</b> 65 kmph speed restriction for loaded condition on Bridge No. 2239 at KM 739/0-1 (OHE Mast No. 739/02-04) in TOK - JOKT section due to 1 x 13.10m span steel plate girder of BGML design as per clause no. 2.2.4 mentioned in RDSO speed certificate. |
| <b>4).</b> 45 kmph speed restriction for loaded condition on Bridge No. 1143 at KM 422/9-410/3 (OHE Mast No. 410/10-410/16) in KRMI - VEN section for hauling of loaded Goods Trains with (CC+6+2)t / (CC+8+2)t loading.  |
| <b>5).</b> 45 kmph speed restriction for loaded condition on Bridge No. 1101 at KM 410/1-423/2 (OHE Mast No. 422/42-423/10) in THVM - KRMI section for hauling of loaded Goods Trains with (CC+6+2)t / (CC+8+2)t loading.                                       |

  
 06/03/25  
 (C. K. Thobias)

**Dy. COM (Goods & Planning)**

Copy: COM, PCSTE, PCE, ED(B&O), CME, CSO, RRM/RN & KAWR for kind information.