

टेलैक्स : 0535-2424 RDSO-IN
फैक्स : 91-0522-458500
तार : 'रेलमानक' लखनऊ
Telegram : 'RAILMANAK', Lucknow
टेलीफोन/Tele : 451200 (PBX)
450115 (DID)



भारत सरकार - रेल मंत्रालय
अनुसंधान अभिकल्प और मानक संगठन
लखनऊ - 226 011
Government of India-Ministry of Railways
Research Designs & Standards Organisation
LUCKNOW - 226 011

TECHNICAL CIRUCLAR NO. 14

Fax

No.No. EI/ 3.1.35 / 2

Dt 10.03.98

1. General Manager (Elect.)

Northern Railway,
Baroda House,
New Delhi-110 001

Fax No.011-3381316

2. General Manager (Elect.)

Eastern Railway,
Fairlie Place,
Calcutta-700 001.

Fax No.033-2200446

Sub : Working of WAP5 locos in adverse weather conditions.

The WAP5 loco is a high horse power locomotive, having a maximum starting tractive effort of 26.3t and a continuous tractive effort of 22.4.t at 50 kmph. It has got a better hauling potential at high speeds than any other indigenous coaching locomotive. However, it should not be forgotten that WAP5 is a Bo-Bo locomotive with a low adhesive weight (78.0t). The maximum starting tractire effort of this loco during adverse weather conditions like rains, dew on track, etc. is more prone to get reduced than that of the other coaching locomotives. Therefore, whenever this loco has to negotiate steeper gradients than 1in 150 under adverse weather conditions, the following must be ensured:-

- I. All the sanders of the loco must be in working order and quality of sand should be ensured.
- II. The anti-slip brakes in the locomotive must be kept in working order.
- III. Whenever the load of the coaching train is more than 18 coaches, the drivers may be advised to ask for a banking engine before negotiating such gradients specially in adverse weather conditions as per the existing practices in Gurpa- Gujhandi section of Dhanbad Division.


(RAMESH CHANDRA)
for Director General /Elect.

Encl.: Nil

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Copy to:-

1. Secy. (Elect.), Railway Board, Rail Bhavan, New Delhi.

(Kind Atten: Shri Kul Bhushan, EDEE/Dev.)

Fax No.011-3386991 &

(Kind Atten: Shri I.C. Sharma, EDEE/RS)

Fax No.011-3384481

for information.

2. General Manager (Elect.)

i) Central Railway, Mumbai, CST—400 001. (Fax No.022-2612354)

ii) Western Railway, Churchgate, Mumbai-400 020. (Fax No.22-2017631)

Ramesh Chandra

(RAMESH CHANDRA)
for Director General /Elect.

Encl.: Nil