

मंडल कार्यालय आदेश 19/2024

समस्त मुख्य लोको निरीक्षक
एवं मुख्य कू नियंत्रक, जोधपुर एवं मेड़तारोड
समस्त लोकोपायलट, लोकोपायलट शंटर एवम सहायक लोकोपायलट

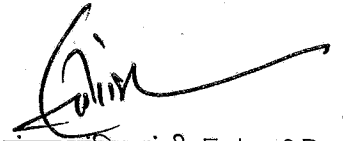
विषय :- Increase of speed over loop lines & turnouts from 15 kmph to 30 kmph on UP/DN directions in SBR, GA, GVMR, NAC, NYK & KMNC Stations in FL-JU section of JU Division.

सन्दर्भ :- 1.HQ letter no. W/HQ/586/01/FL-JU/15-30 kmph Dt.08-07-2024

2.Sr.DEN/Co./JU letter no. WWG-632-W-O/Raising of speed/sr.DEN/Central,Dt.10.07.24

उपरोक्त विषयानुसार मंडल के JU-FL सेक्शन में SBR, GA, GVMR, NAC, NYK और KMNC स्टेशन के अप व डाउन दिशा में लूप लाइन और टर्न आउट की अधिकतम गति सीमा को बढ़ाया गया है संदर्भित पत्र सलग्न है इस सम्बन्ध में सभी मुख्य लोको निरीक्षकों को निर्देश दिए जाते हैं की अपने नामित सभी रनिंग स्टाफ को काउंसलिंग करके पावती लेवे तथा रिपोर्ट मंडल कार्यालय में जमा करे।

सलग्न -यथोक्त


वरी.मंडल यांत्रिक इंजी.(Enhm&P)
उ.प.रेलवे,जोधपुर

North Western Railway

No. MT496T/Raising Speed/2024
Dated 11.07.2024

Divisional Office,
Jodhpur

All concerned JU Division

CHC (Incharge), Stock, Operations, Punctuality-JU Control

Mechanical control, Power control, MTS-JU Control

Sub: - Increase of speed over loops lines and turnouts from 15 KMPH to 30 KMPH on UP/DN directions in SBR, GA, GVMR, NAC, NYK & KMNC stations in FL-JU section of JU Division.

Ref:- 1. HQ Letter no.W/HQ/586/01/FL-JU/15-30 Kmph Dt. 08-07-2024.

2. Sr. DEN/Co./JU letter no. WWG-632-W-O/Raising of Speed/Sr.DEN/Central, Dt. 10.07.2024.

Competent authority has approved to **increase of speed over loops lines and turnouts from 15 KMPH to 30 KMPH on UP/DN lines on the following stations :-**

MAJOR SECTION	STATIONS	DN LOOP LINE NO.	EXISTING SPEED	RAISED SPEED
DNA-FL	SBR	LINE NO. 4 (UP)	15 KMPH	30 KMPH
	GA	LINE NO. 4 (UP)	15 KMPH	30 KMPH
	GVMR	LINE NO. 4 (UP)	15 KMPH	30 KMPH
	NAC	LINE NO. 1 (UP)	15 KMPH	30 KMPH
	NYK	LINE NO. 4 (UP)	15 KMPH	30 KMPH
	KMNC	LINE NO. 4 (UP)	15 KMPH	30 KMPH
	SBR	LINE NO. 1 (DN)	15 KMPH	30 KMPH
	GA	LINE NO. 1 (DN)	15 KMPH	30 KMPH
	GVMR	LINE NO. 1 (DN)	15 KMPH	30 KMPH
	NAC	LINE NO. 4 (DN)	15 KMPH	30 KMPH
	NYK	LINE NO. 1 (DN)	15 KMPH	30 KMPH

SS/SSE/Loco Lobby concern to get it noted by all crew and guards.

All concern to please ensure strict compliance accordingly. The revised speed shall be observed by all trains with immediate effect.

✓ 
Sr. DOM
NWR, Jodhpur.

C/-ALL BO's, DRM, SR.DOM, SR.DME-BKN, JP, All
Copy - GM(optg) NWR JP, NR & WR

NOTE

Sub :- Increase of speed over running loops and turnouts of UP/DOWN direction for 15 Kmph to 30 Kmph in SBR, GA, GVMR, NAC, NYK, KMNC and MKN stations in Phulera - Jodhpur section in Jodhpur division.

Ref :- HQ letter no. W/HQ/586/01/FL-JU/15-30 Kmph dt 08.07.2024

The competent authority has accorded sanction for Increase of speed over running loops and turnouts of UP/DOWN direction for 15 Kmph to 30 Kmph in SBR, GA, GVMR, NAC, NYK, KMNC and MKN stations in Phulera - Jodhpur section in Jodhpur division subjected to stipulations/conditions mentioned in referred letter.

Kindly comply with the stipulations/conditions mentioned in the referred letter.

No. WWG-632-W-O/Raising of Speed/Sr.DEN/Central

Date : 10/07/2024

D/A- Referred letter


Sr.DEN/Co./JU

Sr. DSTE/JU

Sr. DOM/JU

Sr. DME/P/JU

Sr. DEN/East/JU

Jitender Kumar
Pahwa
Chief Track Engineer



North Western Railway

Headquarter Office
Jawahar Circle,
Malviya Nagar-Jaipur
Mob: 9001195203
Rly: 25401 (O)

No. W/HQ/586/01/FL-JU/15-30 Kmph

Date: 08.07.2024

PCME, PCOM, PCEE, PCSTE, PCSO, CBE

Sub: Increase of speed over running loops and turnouts of UP/DN direction for 15 Kmph to 30 Kmph in SBR, GA, GVMR, NAC, NYK, KMNC and MKN station in Phulera-Jodhpur section in Jodhpur division.

Ref: (i) DRM's office letter no. WWG-632-W-O/Raising of Speed/Sr.DEN/C dated-05.2024
(ii) RB's letter no. 70/WDO/ORI/RO/IVol.VII dated 27.01.2021.

Sanction of General Manager is communicated hereby for increasing of speed over running loops (BG) from 15 Kmph to 30 Kmph at Sambhar Lake (SBR), Gudda (GA), Govindi Marwar (GVMR), Nawacity (NAC), Naya Khardiya (NYK), Kuchamancity (KMNC) stations **except Makrana station** (Point no. 103 of **Makrana yard has been taken from DN line (1.75°) in contrary flexure with speed potential of 15 Kmph & PSR of 100 Kmph on curve no. 31 DN on DN main line. (ii) PCE/NWR has accorded approval as per IRPWM 2020 para 408 (2) (e) (i) note-2 for 1:12 turnout (i.e Point no. 104, 147) are taking off from inside of curve with resultant radius between 290 m & 350 m, with SR 15 Kmph**). as tabulated below in Jodhpur division for running of trains in terms of the powers delegated vide RB's letter ref. (ii) above after carrying out OMS recording to assess the running quality of track and standard of interlocking is being fit to increase the speed in proposed loop line as indicated above, subject to following condition/stipulations:

S.N.	Station	Loop Line	Point no.
1.	Sambhar Lake	Line no. 4 (UP)	105,106,123,124
2.	Gudda	Line no. 4 (UP)	147,148,107,108
3.	Govindi Marwar	Line no. 4 (UP)	143,144,107,108
4.	Nawacity	Line no. 1 (UP)	115,116,123,124
5.	Naya Khardiya	Line no. 4 (UP)	126,103,104
6.	Kuchaman City	Line no. 4 (UP)	103,104,126
7.	Sambhar Lake	Line no. 1 (DN)	107,108,125,126
8.	Gudda	Line no. 1 (DN)	143,144,111,112,
9.	Govindi Marwar	Line no. 1 (DN)	137,138,109,110,147,148
10.	Nawacity	Line no. 4 (DN)	117,118,125,126
11.	Naya Khardiya	Line no. 1 (DN)	105,106,127,128

(a) Observance of all conditions/stipulation/PSR mentioned in Joint Safety Certificate (JSC enclosed along with Track & Signal certificate).

I/248303/2024

- (b) Observance of all permanent and temporary speed restrictions in force/additional or those may be imposed from time to time due to track, bridges, signaling & interlocking.
- (c) The track shall be maintained as per latest edition of IRPWM.
- (d) Notifying increasing of speed in loop line in current working time table & newspapers of area under consideration. **(PCOM office to issue)**

Copy to:**Commissioner of Railway Safety**

Western Railway

Church Gate, Stn. Bldg.

Mumbai-400020- For kind information please.

Secy. to GM: for kind information to GM please.**DRM/JU** for information & N.A. Please.**Sr. DEN/Co/JU** - For information and N.A please.**Chief Track Engineer**

Digitally Signed by

जीतेन्द्र कुमार पाहवा

JITENDRA KUMAR PAHWA

Date: 08-07-2024 17:56:26

Reason: Approved

2126397/2024/O/o SR DEN/CORD/JU/NWR

No: JSC/10/2024

Dt: 28.06.2024

Annexure-IJOINT SAFETY CERTIFICATE

Sub:- Increase of speed over running loops and turnouts of UP/DOWN direction for 15 Km/h to 30 Km/h in SBR, GA, GVMR, NAC, NYK, KMNC and MKN stations in Phulera - Jodhpur section in Jodhpur division.

1. Certified that it is safe to run the following BG Locomotives (Single or coupled) Coaching stock and goods stock at present in use over the loops and points and crossings as mentioned below in SBR, GA, GVMR, NAC, NYK, KMNC and MKN stations in Phulera - Jodhpur section in Jodhpur division at a maximum speed of 30 Km/h as Indian Railway Permanent Way Manual Para 408 (3) & (4) Upgradation of speeds on Turnouts and loops to 30 km/h subject to the following restrictions and conditions.

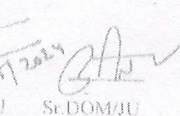
Description	Maximum permissible speed as per IRPWM in Km/h	Speed proposed in Km/h	Station	Loop line	Point No.
LOCOMOTIVES WDM2, WDM3A, WDG3A, WDG4, WDM4, WDM3D, WPD4D, WDG5, WDP4D & ALL LOCOMOTIVE RUNNING IN JU DIVISION BOGIE COACHING STOCK: ICF, BEMR, LHB & ALL TYPES OF COACHING STOCKS RUNNING IN JU DIVISION GOODS STOCK, BOXX, BCN, BOGIE- WAGON & ALL TYPES OF GOODS STOCK RUNNING IN JU DIVISION	30 Km/h	30 Km/h	SBR	Line no. 4 (UP)	105,106,123,124
	30 Km/h	30 Km/h	GA	Line no. 4 (UP)	147,148,107,108
	30 Km/h	30 Km/h	GVMR	Line no. 4 (UP)	143,144,107,108
	30 Km/h	30 Km/h	NAC	Line no. 1 (UP)	115,116,123,124
	30 Km/h	30 Km/h	NYK	Line no. 4 (UP)	126,103,104
	30 Km/h	30 Km/h	KMNC	Line no. 4 (UP)	103,104,126
	30 Km/h	30 Km/h	SBR	Line no. 1 (DN)	107,108,125,126
	30 Km/h	30 Km/h	GA	Line no. 1 (DN)	145,144,111,112
	30 Km/h	30 Km/h	GVMR	Line no. 1 (DN)	137,138,109,110,147,148
	30 Km/h	30 Km/h	NAC	Line no. 4 (DN)	117,118,125,126
	30 Km/h	30 Km/h	NYK	Line no. 1 (DN)	105,106,127,128
	30 Km/h	30 Km/h	MKN	Line no. 1 (DN)	103,104,147,148

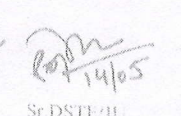
Restriction if any As per Annexure- I- **Speed in Line 1 (DN) (LOOP) of MKN yard will be 15 kmph.**

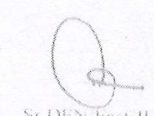
- It is certified that Locomotives provided with speedometer/Speed recorders in working condition would be permitted to pass with 30 kmph speed on the Passenger loops lines.
- The locomotives having defective/ out of order speedometer/Speed recorders should pass the turnouts as per GI & SR.
- It is certified that adequate braking distance (annexure - V) with air brake stock and with minimum permitted brake power is available.
- It is certified that the minimum distance of 200 m (annexure - V) is available for all loop line starter during poor visibility condition especially at mid-day period.
- It is certified that no OMS peak (annexure -VII) was observed during the trial run conducted at 30 kmph on loop lines by divisional branch officers.



Sr. DME/P/JU


Sr. DME/C&W/JU


Sr. DOM/JU


Sr. DST/JU


Sr. DEN-East/JU


Sr. DEN/C&W/JU

Digitally signed
by VIJAY
KUMAR
DN: cn=VIJAY
KUMAR, o=SR,
ou=JODHPUR,
email=vi@ju.nwrail.in

Digitally signed
by MADANRAM
DEORA
DN: cn=MADANRAM
DEORA, o=SR,
ou=JODHPUR,
email=md@ju.nwrail.in

Digitally signed
by PCSTE/NWR/IP
DN: cn=PCSTE/NWR/IP,
o=SR,
ou=JODHPUR,
email=pcste@ju.nwrail.in

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LAL GOEL
DN: cn=GIRDHARI
LAL GOEL, o=SR,
ou=JODHPUR,
email=gl@ju.nwrail.in

Annexure-IV

Track Certificate

(NO: TC/29/2024 Dt: 27.06.2024)

Ref: DRM/JU's letter no. WWG-632-W-O/Raising Speed/Sr.DEN/Cent date 14.05.2024.

I do hereby certify that the track on SBR, GA, GVMR, NAC, NYK, KMNC and MKN stations on running loop exists with PRC sleepers with density M+7, minimum depth of total ballast cushion under sleeper 250 mm and maximum wear of 2% (Track structure on running loop lines is as Annexure-VI), having 1 in 12 TWS/Overriding curved switch turnouts on consolidated and stable formation of required strength which can safely take the rolling stock at a speed up to 30 Kmph subject to the local speed restrictions noted below:

S.N.	Speed proposed (in Kmph)	Maximum approved speed by Rly. Bd (In Kmph)	Station	Line no.	Point no.	Remarks
1.	15	15	MKN	1 (DN)	103,104,147,148	Line no. 1 (DN loop) Point no. 103 is taking off from curve (1.75°) in contrary flexure having speed 15 Kmph. Hence not possible to increase speed in MKN line no. 1 DN)
2.	15	15	GV	5	109,110,145,146	Subsequent loop line
3.	15	15	GVMR	5	111,112,141,142	Subsequent loop line

In Makrana (MKN) yard, point no. 103 is taking off from curve no 31 DN of DN main line in contrary flexure and speed on turnout side is 15 Kmph & with PSR of 100 Kmph on DN main line curve no. 31 DN. Hence speed of line no. 1 (DN) (loop) (Point 103, 104,147,148) will remain 15 Kmph (attached).

PCE/NWR has accorded approval as per IRPWM 2020 para 408 (2) (e) (i) note-2 for 1:12 turnout (104, 147) taking off from inside of curve with resulting radius between 290 m & 350 m, with SR of 15 Kmph (Copy attached). On these points (104, 147) on construction account (Copy attached).

It is also certify that:

- All turnout are laid on PRC sleepers with minimum 150 mm clean ballast cushion.
- 1:8.5 turnout does not exits over line proposed for raising speed to 30 Kmph (Except for derailling switch)

81
27/06/2024
Dy.CE/Track
N.W.Railway
Jaipur

27/6.24
Chief Track Engineer
N.W.Railway
Jaipur

Annexure - VII

SIGNALING CERTIFICATE

It is certified that the standard –II (R) signaling has been provided in running loops and turnouts of SBR, GA, GVMR, NAC, NYK, KMNC and MKN stations in Phulera - Jodhpur section of Jodhpur division and fulfill all criteria described in Chapter-VII para 7.8.9 of IRSEM 2021.

Provision of GR, SR, IRSEM 2021 and extent instructions received from time to time shall be compiled with.

RAJMAL
KHOIWAL
CSE/NWR

Digitally signed by
RAJMAL KHOIWAL
Date: 2024.06.03
18:24:45 +05'30'


14/05/24
Sr. DSTE /JU