

NORTH CENTRAL RAILWAY

Headquarters' Office  
Engineering Department,  
Allahabad.

No. 355-W/Raising of sectional speed/MTJ-AH/AGC Divn./NCR

Dated: 01.12.2015


Chief Operations Manager, North Central Railway, Allahabad.  
Chief Mechanical Engineer, North Central Railway, Allahabad.  
Chief Electrical Engineer, North Central Railway, Allahabad.  
Chief Signal & Telecom Engineer, North Central Railway, Allahabad.  
Chief Safety Officer, North Central Railway, Allahabad.  
Divisional Railway Manager, North Central Railway, Agra.

Sub:- Raising of sectional speed of Mathura –Achnera section (km 351.069 to 386.181) from 65/75 kmph to 100 kmph of Agra division on North Central Railway.

Based on item no.3 of CRS authorization letter no.800//G/OPG/PT/SANC/16 dated 12.07.2010 and having inspected Mathura (MTJ) – Achnera (AH) section by motor trolley and conducted speed trial with OMS- 2000 at speed of 110 kmph on 26.11.2015 and having satisfied, it was proposed to sanction raising of maximum permissible sectional speed of Mathura (MTJ) – Achnera (AH) section (km 351.069 to km 386.181) from 65/75 kmph to 100 Kmph.

PCE/NCR has sanctioned the raising of maximum permissible sectional speed of Mathura (MTJ) – Achnera (AH) section (km 351.069 to km 386.181) from 65/75 kmph to 100 Kmph subject to the following conditions/stipulations:-

1. Observance of all temporary and permanent speed restrictions in force or those which may be imposed from time to time due to track, bridges and signaling and interlocking etc.
2. Provision of warning, speed and termination boards for PSRs.
3. The ballast deficiencies is first 3-4 kmph from MTJ side should be recouped in next in 15 days time.
4. All deficient Hectometer/Km post should be replanted.
5. All BG diesel locomotives (single and in multiple unit) and rolling stocks presently plying on proper sanction on the adjacent Mathura-Alwar section are permitted to run on this new line also at their respective permissible speed or the maximum permissible speed now permitted whichever is less.

  
(M. K. Gupta)  
Chief Track Engineer

Copy to – 1. Secretary to GM for kind information of GM.

2. Secretary to PCE for kind information of PCE.

✓ 3. CRS/NE circle for kind information please.



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MINISTRY OF CIVIL AVIATION  
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हज़रतगंज, लखनऊ-226 001  
Hazratganj, Lucknow-226 001

OPENING OF NEWLY GAUGE CONVERTED B.G. LINE (NON-ELECTRIFIED)  
FROM Km 351.069 to 386.181 IN MATHURA-ACHNERA SECTION OF AGRA  
DIVISION OF NORTH CENTRAL RAILWAY FOR PUBLIC CARRIAGE OF  
GOODS AND PASSENGER TRAFFIC.

Gauge : 1676 mm

Length : 35.112 Kms

#### AUTHORIZATION

Having inspected the newly gauge converted Broad Gauge rail line, 35.112 kms (km 351.069 to km 386.181) from Mathura station to Achnera station of Agra Division of North Central Railway by motor trolley on 09.07.2010, followed by speed trial conducted from the rear window of a special train for a speed generally above 75 kmph and up to a maximum speed of 100 Kmph on the same day from Achnera station to Mathura station and having satisfied myself that the provisions of Section 22 (1) of the Indian Railways Act, 1989 have been substantially complied with, I under the powers delegated to me vide Railway Board's notification no. G.S.R. 625 (E) dated: 21.07.2000, notification no. G.S.R. 762 (E) dated: 08.10.2001 and notification no. G.S.R. 44 (E) dated: 27.01.2005, hereby authorize the opening of Broad Gauge Rail Line of Mathura-Achnera Section of Agra Division of North Central Railway for public carriage of goods and passenger traffic at a maximum speed of 65 kmph. between Mathura to Bhainsa (from Km351.069 to 362.189) and 75 kmph between Bhainsa to Achnera (from km362.189 to 386.181)

2.0 This authorization is subject to the following stipulations: -

- (i) Observance of all temporary and permanent speed restrictions in force or as required to be imposed from time to time due to track, bridges, signaling and interlocking etc.
- (ii) All signals shall be checked for infringements and personally certified by Dy CSTE/Const. before start of train services.


- (iii) All remnant works, signal/interlocking works, P.Way works at stations, dead end/sand hump, platform works are completed as per the sanctions and commissioned under issue of proper safety certificate.
- (iv) As reported by Railway tamping of newly laid loop lines and turnouts at all the stations is yet to be done. Proper tamping of loop lines and turnouts should be done and operation of points from the panel should be jointly tested by Dy.CE/Con, Dy.CSTE/Con, Sr.DSTE and Sr.DEN before opening of the section for Public carriage of Passengers. Copy of Joint test report should be sent to the Commission.
- (v) All LC gate works including road portion between gates and approaches within the Railway boundary, proper boom locking, approach road signals for road users' warning should be completed in all respects. Similarly for unmanned level crossings the road surface and speed breakers should be provided as per the latest guidelines of Railway Board for unmanned level crossings.
- (vi) Gate Keepers having signed the assurance in token of having understood the working instructions for respective level crossings.
- (vii) Adequate number of Operating, Signal and P.Way, trained and competent maintenance staff including gateman as per approved yardstick consisting of regular open line staff being in position and being adequately equipped before opening of the section for public carriage of passengers.
- (viii) All train passing staff at the stations shall be made to understand the new Station Working Rules and their re-assurance obtained in the Assurance Registers after proper counseling and evaluation. They should be properly trained for panel working with MACLS. They shall be in possession of valid competency certificates for the operation of new signaling and interlocking system and block instruments.
- (ix) Properly constituted Signal Sighting Committee of inspectors shall go over the section on the foot plate of the locomotive during day and night hours and it shall be ensured that the signals are properly focused and visible to the train driving crew and there are no infringements on the new line before opening the section for passenger traffic.
- (x) Adequate shoulder ballast shall be provided in the track at locations where it is deficient to provide LWR profile and full width of cess shall be provided in embankment as per standard profile within next 10 days.
- (xi) All BG diesel locomotives (single and in multiple unit) and rolling stocks presently plying on proper sanction on the adjacent Mathura-Alwar section are permitted to run on this new line also at their respective permissible speed or the sectional speed now permitted whichever is less.

3.0 Further increase of speed in this section up to the sectional speed of 100 kmph can be authorized by PCE/NC RLY after :

- (i) One more round of tamping in design mode.
- (ii) Completion of all remnant works and satisfactory compliance of the stipulations given in the inspection report.
- (iii) Taking over of the section by open line for further maintenance.
- (iv) Personal inspection and certification by territorial HOD of Engineering department after conducting an OMS 2000 trial by a special train (at a speed of minimum 10% higher than the proposed speed) and satisfying himself of running quality of line.

4.0 The Railway administration is not expected to dilute any of the stipulations given in this authorization suo-moto. Any dilution without the consultation and concurrence of the Commission shall automatically invalidate this authorization.

5.0 The date of introduction of passenger services on the new line may be advised along with compliance of above items to the Commission at the earliest.



(Prabhat Kumar Bajpai)  
Commissioner of Railway Safety  
North Eastern Circle, Lucknow

No.800/I/D/OPG/PT/SANC/16

Dated: 12.07.2010

Copy forwarded for information and necessary action to:

- 1 Chief Commissioner of Railway Safety, NE Rly DRM Office Complex, Ashok Marg, Lucknow.
- 2 Secretary (Works), Railway Board, Rail Bhavan, New Delhi
- 3 General Manager, North Central Railway, Allahabad
- 4 CAO/Const, North Central Railway, Allahabad
- 5 Divisional Railway Manager, North Central Railway, Agra.