



मेट्रो रेल संरक्षा आयुक्त,
धौला कुआँ मेट्रो स्टेशन,
नई दिल्ली-110021

भारत सरकार
नागर विमानन मंत्रालय
(रेल संरक्षा आयोग)

GOVERNMENT OF INDIA
MINISTRY OF CIVIL AVIATION
(COMMISSION OF RAILWAY SAFETY)



Commissioner of Metro Railway Safety,
Dhula Kuan Metro Station,
New Delhi-110021



No. Q/13/DMRC/CMRS/2019/217

Date 12.01.2024

SANCTION

Sub: Raising of operational speed of UP line from CH. 13532.24 m to CH. 6494.05 m (7.038 km) between Aerocity to Shivaji Stadium Metro Station of Airport Metro Express Line (AMEL) from 100 kmph to 120 kmph.

1.0 Sanction for raising of sectional speed of Airport Metro Express Line (AMEL) between New Delhi to Dwarka Sector-21 Station from 110 kmph to 120 kmph was communicated vide sanction order no. Q/13/12/DMRC/CMRS/2019/147 dated 06.09.2023 subject to various conditions and stipulations therein.

Clause 7.0 (iii) of above-mentioned sanction order stipulates:

"DMRC shall approach separately for raising the sectional speed between elevated section of UP line from chainage 13532.24m to chainage 6494.05m (7.038 km) lying between Aerocity to Shivaji Stadium Metro Station till that time the sectional speed in the mentioned section shall be 100 kmph further restricted to permanent and temporary speed restrictions in the section."

Now M/s DMRC vide letter no. DMRC/20/IV-427/2024 dated 10.01.2024 has approached Commissioner of Metro Railway Safety for sanction of raising of operational speed of UP line from CH. 13532.24 m to CH. 6494.05 m (7.038 km) between Aerocity to Shivaji Stadium Metro Station of Airport Metro Express Line (AMEL) from 100 kmph to 120 kmph.

2.0 On the request of MD/DMRC, I have witnessed the test trials of AMEL of DMRC on the intervening night of 11th & 12th January 2024. Director/Operations & Services, Advisor/S&T, ED/Civil/O&M, ED/Infra, ED/RS/O&M, Sr. GM/Track/O&M and other senior officials of DMRC accompanied me during the trials.

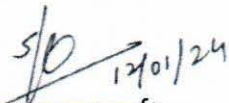
3.0 Based on inspection, perusal of documents and other information submitted by M/s DMRC, I am satisfied myself that the provisions of Section 15(1) of the Metro Railways (Operations & Maintenance) Act, 2002 have been substantially complied with. Therefore, in exercise of the power delegated to me under Rule 22(1) of the "Opening of Metro Railways for Public Carriage of Passengers Rules, 2013", vide Central Government's Gazette Notification G.S.R 247(E) dated 18th April 2013. I hereby sanction raising of maximum operational speed of UP line from CH. 13532.24 m to CH. 6494.05 m (7.038 km) between Aerocity to Shivaji Stadium Metro Station of Airport Metro Express Line (AMEL) from 100 kmph to 120 kmph subject to the following conditions:

- Compliance of all stipulations and conditions laid down in system approvals and speed certificates and compliance of conditions, safe operating requirements, safety related application conditions, and other requirements.

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- ii. DMRC is advised to conduct OMS trials on both lines, from New Delhi to Yashobhoomi Dwarka Sector-25 once a month for next six months after the implementation of this sanction. The trials shall be conducted considering 0.10g and 0.50g as the lower and upper thresholds for vertical and lateral accelerations, respectively. All the reports shall be submitted to CMRS office.
- iii. Maximum permissible speed on curves shall be less than or equal to maximum permissible speed of curve calculated based on available cant, cant deficiency, length of transition curve satisfying design criteria with respect to permitted rate change of cant/ cant deficiency and maximum cant gradient and other relevant factors governing speed on curve.
- iv. Further, the maximum permissible speed shall further restrict as per permanent and temporary speed restrictions in force or those that may be imposed from time to time due to OHE, Track, Bridges/Viaduct, Curves, Rolling Stock, Signalling etc.
- v. DMRC shall ensure that the trains shall be operated by only those Train Operators who have cleared the high-speed Psychometric test.
- vi. Date of implementation of above sanction shall be advised to the commission.
- vii. यह मंजूरी इसके जारी होने की तारीख से तीन महीने की अवधि के लिए वैध है। यदि उपरोक्त मंजूरी तय अवधि के भीतर लागू नहीं की जाती है तो मेसर्स डी.एम.आर.सी, मेट्रो रेल संरक्षा आयुक्त से दोबारा मंजूरी लेगा।

मेट्रो रेल प्रशासन से इस मंजूरी में उल्लिखित किसी भी शर्तों को कम करने की उम्मीद नहीं है। ऊपर वर्णित शर्तों में किसी भी प्रकार की शिथिलता स्वतः ही इस मंजूरी को अमान्य कर देगी।


 (जनक कुमार गर्ग)
 मेट्रो रेल संरक्षा आयुक्त
 नई दिल्ली

प्रतिलिपि:

1. प्रबंध निदेशक, डी.एम.आर.सी, नई दिल्ली- 110001