

S No. 4

**GOVERNMENT OF INDIA  
MINISTRY OF RAILWAYS  
RAILWAY BOARD**

No. 2010/Proj./DLI/29/1

New Delhi, dated 26.03.2010

**The Chief Engineer  
Delhi Metro Rail Corporation,  
Metro Bhavan, Fire Brigade Lane,  
Barakhamba Road, New Delhi-110001**

**Sub: Sanction to permit the operation of DMRC "RS3" coaches up to a maximum speed of 85 Kmph on SG Network of Delhi MRTS.**

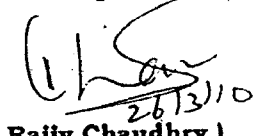
**Ref: (i) Your office letter No. DMRC/20/11-381/2010 dated 17th February 2010  
(ii) Final Speed certificate issued by RDSO vide Letter No. MC/DMRC Dtd: 22-1-2010 (enclosed as Annexure-I)**

In reference to above letter, the sanction of the Ministry of Railways, Railway Board is hereby communicated for Running of DMRC "RS3" coaches DMRC RS-3 SG EMU coaches manufactured by M/s MRMB Consortium to drawing no. GAP00702 and GAP00703 for DT and M coaches respectively with maximum axle load of 16.0 tonnes and with 4 nos. of DMRC Coaches coupled together and not exceeding 2 units of composition DT + M + M + DT upto a maximum speed of 85 Kmph on SG Network of Delhi MRTS subject to terms and conditions as given in RDSO's Final Speed Certificates and amendments as the case may be and Joint Safety Certificate, Track Certificate and other Certificates accompanying above referred letter.

The sanction is further subjected to the recommendations/suggestions made by CCRS/LKO vide letter No. Q.15011/1/2010 dt. 11.03.2010 and agreed by Board, as under:-

1. The speed restriction of 60 kmph in case of deflated air spring of secondary suspension as specified in para 2.5.4 of final speed certificate issued by RDSO will have to be followed. DMRC should put in place suitable mechanism to ensure this, under advice to this Ministry.
2. Fresh oscillation trial may be conducted as specified in para 2.1.6 of the final speed certificate during revenue operations.

OK

  
( Rajiv Chaudhry )  
Executive Director Works Planning  
Railway Board.

No. 2010/Proj./DLI/29/1

New Delhi, dated 26.03.2010

Copy forwarded for information to:

1. CCRS, Ashok Marg, Lucknow -226001 w.r.t. his endorsement No. Q.1511/1/2010 dt. 11.03.2010.
2. The Commissioner of Railway Safety, Northern Circle, Northern Circle, CRIS Complex, Chanakyapuri w.r.t. his letter No. 2010/Q-13/(2)DMRC/NC/1253-54 dated. 10.03.2010
3. The Executive Director Standards (Motive Power), RDSO, Lucknow, w.r.t. his letters No. MC/DMRC., dt. 22.01.2010.
4. The Executive Director/Carriage, RDSO w.r.t. his letter MC/DMRC dated 22.01.2010.

तार : चीफकाम  
 Telegram : CHIEFCOM  
 e-mail-chiefcom@sancharnet.in  
 ई-मेल-चीफकाम@संचारनेट.इन



फोन/Ph. - 2629743 (P&T)  
 31-264 N.E. Rly. 31-570  
 N. Rly. 23-290  
 टेली फैक्स/Tele Fax - 0522-2626608

भारत सरकार  
 नागर विमानन मंत्रालय  
 (रेल संरक्षा आयोग)  
 GOVERNMENT OF INDIA  
 MINISTRY OF CIVIL AVIATION  
 (COMMISSION OF RAILWAY SAFETY)

अशोक मार्ग, लखनऊ-226 001  
 Ashok Marg, Lucknow- 226 001

No. S. 15011/1/2010

दि. 11-03-2010

To

✓ The Secretary(Civil Engg.),  
 Railway Board,  
 Ministry of railways,  
 New Delhi-110011.

DDMP  
 PUS m...  
 15/3

Subject :- Sanction to permit the operation of DMRC 'RS3' Coaches upto a maximum speed of 85 kmph on Inderlok-Mundka Section on Standard Gauge (SG) Network of Delhi MRTS.

1. Please find enclosed herewith application from DMRC for the operation of DMRC 'RS3' coaches on Inderlok-Mundka section on Standard Gauge (SG) Network of Delhi MRTS, as per ROTEM coach layout nos. GAP00702 and GAP00703 for DTC & MC respectively up to a maximum speed of 85 kmph as per DMRC's Joint Safety Certificate No.SG—1/2010, RDSO Final Speed Certificate No.MC/DMRC dated 22.01.2010 have been received in this office.

2. On this application, certain information/documents were asked for, from DMRC vide CMRS office letter No. 2010/Q-13(2) DMRC/NC1242 dated 05.03.2010 (copy enclosed). DMRC's clarification on this letter have also been received in the office of CMRS vide DMRC's letter No. DMRC/20/11-367/2009 dated 08.03.2010, a copy of which is also enclosed.

3. CMRS has desired compliance of all the conditions imposed by Railway Board in the provisional clearance vide Railway Board letter nO. 98/PWI/DLI/30/1/Vol.II dated 11.02.2010.

4. However, this office feels that the reply of DMRC is almost satisfactory and commissioning of the Section and new Rolling Stock 'RS3' should not be held up for compliance of oscillation trials for which Railway Board has stipulated six months duration to complete the trials with worn out profile of the wheel.

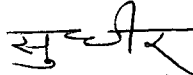
(S. 11/11/10)

SKD

5. *This office strongly feels that by operation of rolling stock RS3 for six months we can gain more experience in dynamic conditions. Generally, no problems are expected in the track or rolling stock in next six months seeing the design. However, if some problems or unusual features are noticed in the field they shall be dealt with by reducing the speed and strengthening the infra-structure.*

6. **Concluding this, this office recommends sanctioning of permission to operate DMRC RS3 coaches upto a maximum speed of 85 kmph on Inderlok-Mundka Section on standard gauge network of DMRTS.**

Encl. As above.

  
(Sudhir Kumar)

Chief Commissioner of Railway Safety

Copy forwarded to The CMRS, Northern Circle, Chanakyapuri, New Delhi.



भारत सरकार  
नागर विमानन मंत्रालय  
(रेल संरक्षा आयोग)  
GOVERNMENT OF INDIA  
MINISTRY OF CIVIL AVIATION  
(COMMISSION OF RAILWAY SAFETY)

दूरभाष/फैक्स : 011-26886589 (DOT)  
Telephone : 030-54752 / 54753 (Rly)  
e-mail : crs\_ncircle@yahoo.com



Commissioner of Railway Safety  
Northern Circle, CRIS Complex,  
Chanakyapuri, New Delhi - 110 021

रेल संरक्षा आयुक्त,  
उत्तर परिमण्डल, क्रिस परिसर,  
चाणक्यपुरी, नई दिल्ली-110021

No. 2010/Q-13(2)DMRC/NC/ 1253-54

Dated:10.03.2010

To  
The Secretary (Civil Engg.)  
Railway Board  
Rail Bhawan  
NEW DELHI-110001

(Through Chief Commissioner of Railway Safety, Lucknow)

**Sub: Sanction to permit the operation of DMRC 'RS3' Coaches up to a maximum speed of 85 Kmph on Inderlok-Mundka section on Standard Gauge (SG) Network of Delhi MRTS.**

**Ref: (i) DMRC's application No.DMRC/20/11-381/2010 dt. 17<sup>th</sup> February' 2010 (S.No. 1)  
(ii) dated 08.03.2010.**

The above referred application from Managing Director, DMRC, New Delhi for operation of DMRC 'RS3' coaches on Inderlok-Mundka section on Standard Gauge (SG) Network of Delhi MRTS, as per ROTEM coach layout nos. GAP00702 and GAP00703 for DTC & MC respectively up to a maximum speed of 85 Kmph as per DMRC's Joint Safety Certificate No.SG-1/2010, RDSO Final Speed Certificate No.MC/DMRC dt.22.01.2010 have been received in this office.

On this application, certain information/ documents were asked for, from DMRC vide this office letter No.2010/Q-13(2)DMRC/NC/1242 dated 05.03.2010, (copy enclosed). DMRC's clarification on this letter have also been received in this office vide DMRC's letter No.DMRC/20/11-367/2009 dated 08.03.2010, a copy of which is also enclosed.

Railway Board vide their letter No. 98/PWI/DLI/30/1/Vol.II dated. 11.02.2010 (copy enclosed) has provisionally cleared the track structure for ballastless track adopted by DMRC on Inderlok-Mundka section only with several conditions and not for general adoption on DMRC SG network as mentioned in Para 1 of DMRC's letter referred at S.No.(ii) above till the time DMRC conducts the outstanding oscillation trials with worn out wheel sets for consideration of RDSO or 6 months whichever is earlier. In case the DMRC is not able to comply with the conditions accorded in Railway Board's letter within the timeframe mentioned above and the Inderlok-Mundka line being already opened for passenger traffic it would not be possible to close the line for grant of sanction. So it is better to comply with all the conditions imposed by Railway Board and get clearcut approval of Railway Board for track structure being adopted for ballastless track as also mentioned in Para 2.1.1 of RDSO Speed Certificate No.MC/DMRC dated.22.01.2010. However, DMRC's application is sent herewith.

**Encl: As above**

  
(RAJ KUMAR KARDAM)  
**COMMISSIONER OF METRO RAILWAY SAFETY**

Copy to:

1. The Managing Director/DMRC, Metro Bhawan, Barakhamba Road, New Delhi for information and necessary action.