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*Jasvir Singh*  
*20/6/19*

No.MC/Kolkata Metro/3-Phase Medha Electrics

Date: 19.06.2019

Chief Engineer  
Metro Railway  
Metro Rail Bhawan  
33/1-J.L. Nehru Road  
Kolkata 700071.

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**Sub:** Amendment No. 1 of speed certificate No. MC/Kolkata Metro/3-Phase Medha Electrics dated 05.10.2018 for operation of 8 coach rake air- conditioned Kolkata Metro coaches with 3-phase propulsion system of M/s. Medha Servo Drives on Metro Railway Kolkata up to a maximum speed of 60kmph.

**Ref :**(i) Railway Board letter No. 2019/CEDO/SR/MRK/01, dated 03.04.2019.  
(ii) Signal Directorate note No. STS/E/SC/CD/Vol II, dated 19.06.2019  
(iii) Speed Certificate No. MC/Kolkata Metro/3-Phase Medha Electrics dated 05.10.2018.

Vide reference (iii) above, RDSO had issued a speed certificate for operation of 8 coach rake air-conditioned Kolkata Metro coaches with 3-phase propulsion system of M/s. Medha Servo Drives on Metro Railway Kolkata up to a maximum speed of 60kmph.

Railway Board based on the stipulation of RDSO speed certificate, while granting sanction for commercial operation of rake has put restriction of running only one rake in the section on the same track on either side of Traction sub-station (TSS). (Para (v) of letter under reference (i)). After modification by M/s Medha in filtering circuit of propulsion equipment, EMI/EMC tests were repeated and based on satisfactory results of the repeat tests; it has been decided to amend Para- 2.3 of RDSO Speed Certificate in connection with number of rakes.

Railway Board vide letter under (ref (i)) above, has also directed to amend Para 2.5.1 of RDSO speed certificate.

Accordingly, paras 2.3 and 2.5.1 of RDSO Speed Certificate No. MC/Kolkata Metro/3-Phase Medha Electrics, dated, 05.10.2018 have been amended. The amended Para 2.3 and Para-2.5.1 of speed certificate at ref (iii) above shall be read as under:-

**"Para 2.3 Signaling**

- 2.3.1 Provisions of GR, SR, SEM & all extant instruction issued from time to time shall be compiled with.
- 2.3.2 While running through a station, speed of the train shall be restricted to the maximum permissible speed as per standard of interlocking provided at the station.
- 2.3.3 All necessary precautions shall be taken to ensure safety as well as other operational requirements shall be ensured by Kolkata Metro based on the signalling system in force on Kolkata Metro Rail Network.
- 2.3.4 The condonation regarding infringements in schedule of dimensions, if any, shall be obtained in accordance with local conditions, before movement.

**Para 2.5.1** Before starting train operation, PCEE/Metro Railway Kolkata shall certify track worthiness and safety of the rolling stocks and also ensure proper maintenance of the rolling stocks as per maintenance manual."

DA: Nil.

*Jasvir Singh*  
(वी. के. अग्रवाल)

कार्यकारी निदेशक मानक चालन शक्ति

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DA: Nil.

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