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Press Release

Completion of RDSO Safety Certification Trials of Rolling Stock for CMRL Phase 2 Corridor, conducted in the Track section between Poonamallee Bypass and Porur Junction Metro Stations

Chennai Metro Rail Limited has completed the safety certification trials of the Rolling Stock (Metro Train Coaches) of Phase 2 in the section covering Poonamallee Bypass Metro Station to Porur Junction Metro Station.

The safety certification trials were conducted by a team of officials from external independent agency - Research Designs and Standards Organisation (RDSO) of Ministry of Railways, Government of India, in accordance with the rules in force for certification of Metro Rail Systems. These trials, which began on August 16, 2025, evaluated passenger ride comfort at varying speeds up to the design speed of 90 kmph, and included detailed assessment of traction system performance and extensive testing of braking performance under different modes.

The assessment was evaluated on the following parameters;

1. Ride quality – Assessment was made to determine the quality of Rolling Stock (Metro Train Coaches) along with the track to ascertain the level of comfort for a travelling passenger.
2. Passenger Safety: Assessment was made to determine train's safety features including electrical, pneumatic and emergency braking features. The report verified that the brake design and overall construction ensure a safe journey for passengers

The completion of trials proves that the design features have been followed while constructing the trains, which provides confidence of safe stopping of the fully loaded passenger train in the safest distance.

It is also being highlighted that the trials have been completed ahead of the scheduled date of completion, shows that CMRL rolling stock has demonstrated the safety and quality standards followed in the trains.

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