

## Mumbai Metro Gaining Pace – MMRDA begins pre-trial run

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By **Narendra Shah** 02/03/2021



*Mumbai Metro Line 2A Line Train | Image Copyright: MMRDA*

**MUMBAI (Metro Rail News):** Mumbai Metro's much-awaited [Dahisar – DN Nagar \(Line 2A\)](#) and Andheri East – Dahisar East (Line 7) seems to start soon as MMRDA (Mumbai Metropolitan Region Development Authority) conducted the trial runs of their first train set on 25th of this month.

The train for trial runs developed by BEML Ltd. was received at Charkop Depot last month on 28th. The BEML supplied their first of six-car train set to MMRDA under their MRS1 contract of supply of 96 trains to the Development Authority.

The BEML engineers have already done the trials by splitting the six-car train into two units of 3 cars each. The smaller units are being prepared for energization and limited movement using hard-wired commands only.

In continuation with the developments, the first self-powered movement of the train for trial runs was conducted on Feb 16th & 17th. The three car train was energized for first time after testing its high voltage traction power systems including propulsion, equipments, brake systems and pantograph.

Encouraged with the results, the MMRDA did the dynamic low speed testing of the integrated six car train over a 520 meters of test track at Charkop depot which was flagged off by MMRDA Commissioner, RA Rajiv.

The MMRDA is now working on functionality of the trains on various subsystems like Vehicle Control Circuit (VCC), TCMS Control and Interfaces with different subsystems, propulsion fine-tuning with brake systems, Shore Supply Units, High Voltage, Auxiliary Power Supply, Brakes & Pneumatics, Door System, Air Conditioning, Lightening, Announcement (Passenger) and Passenger Information System (PA-PIS) etc. to verify each sub-system individually. The integrated testing shall be done at the Charkop depot.

The testing as per MMRDA officials is about to take one month's time after which the trial runs on the mainline shall also start once the connectivity to mainline is achieved. The MMRDA expects to commence the combined integrated testing of the train with signaling system after the second train set delivery which is expected in March by BEML. The entire trial runs is expected to be completed in next 4-5 months as per MMRDA, after which the commercial run on Mumbai Metro's Line 2A and Line 7 can be started for Mumbaikars.

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