

City gets 2nd Metro train set for underground Aqua line

ATEEQ SHAIKH / Mumbai

Mumbai has received a second set of trains for the Mumbai Metro Line 3 at Aarey. This is the second of the 31 train sets required to ferry passengers on the 33.5km Colaba-Bandra-SEEPZ underground Aqua line.

On Thursday, the Mumbai Metro Rail Corporation (MMRC) tweeted, "The 2nd train set of 8 coaches for #MetroLine3 has arrived in the city from #Sricity, Andhra Pradesh. All the 8 coaches have been unloaded & train TS02 has been formed at the temporary facility of

Aqua Line requires 31 train sets to ferry passengers on the Colaba-Bandra-SEEPZ corridor

train delivery and testing track area of MMRC, set up at Sariput Nagar, Aarey Colony."

The rolling stock is being manufactured by Alstom at its Andhra Pradesh unit.

On Dec 21, the MMRC completed its dynamic and static trials of the prototype train on the 3km stretch between

DYNAMIC TESTING

- Operating the train at various speeds along with dummy weights instead of passengers inside the coaches.

- Entails braking, acceleration, signalling, telecommunication, operational systems, and energy consumption.



STATIC TESTING

Checking the functioning of systems when the train is not moving.

Checking the opening of doors in a synchronised manner.

Temperature inside the train when the doors are open.

The synergy with platform screen doors.

Interface between the software and hardware.

Aarey Car Depot and Marol Naka Station. The trials on the Aqua line started in August. The tests include checking the quality of the systems as well as compatibility with other installations along the rail tracks as well as at the stations. "These tests are part of in-field trials on the prototype train," said a senior MMRC official.

The train has run more than 1,200 km and the plan is to clock 10,000km on the prototype train. This will also help engineers ascertain the level of wear and tear that the train and its components will undergo.