



To protect heritage structures

# Vibration-free Metro in Mumbai

In a first for India, the Mumbai Metro Rail Corporation Ltd. (MMRCL) will lay vibration-absorbing tracks on the Colaba-Bandra-SEEPZ Line 3, an official said here on Wednesday. The MMRCL has started trial production of the High Vibration Attenuation Booted Twin Sleeper Blocks to lay tracks with the help of a machine from Sonneville AG, Switzerland. "This type of tracks, being used for the first time in India will absorb vibrations up to 22 Vibration Decibels (Vdb), over and above the vibrations that absorbed by a normal metro tracks," said MMRCL Director (Projects). S. K. Gupta. It is considered ideal for a congested city like Mumbai where there are many heritage structures, old buildings, hospitals, schools, colleges, studios and densely populated residential colonies, etc. which can get affected by vibrations. Estimated to cost a little over Rs.23,000-crore, the Mumbai Metro Line 3 will have 27 underground stations, passing below railway stations, temples, the Dharavi slums, Mithi River, Mahim Creek, Mumbai Airport, the Aarey Colony forests, etc.