

**GOVERNMENT OF INDIA  
URBAN DEVELOPMENT  
LOK SABHA**

UNSTARRED QUESTION NO:1433  
ANSWERED ON:09.08.2011  
STANDARD OF METRO RAIL  
Agarwal Shri Jai Prakash

**Will the Minister of URBAN DEVELOPMENT be pleased to state:**

- (a) whether the Comptroller and Auditor General (C&AG) report on Delhi Metro Rail Corporation (DMRC) has revealed that DMRC has downgraded its level of testing requirements of the metro rail;
- (b) if so, the details thereof; and
- (c) the reaction of the Government thereto?

**Answer**

THE MINISTER OF STATE IN THE MINISTRY OF URBAN DEVELOPMENT (SHRI SAUGATA ROY)

(a) & (b): The Comptroller & Auditor General (C&AG) in its report No.PA 17 of 2008 on "Performance Audit of Implementation of Phase I of Delhi Mass Rapid Transit System by Delhi Metro Rail Corporation Limited" observed regarding scaling down of testing requirements as under: - "Testing requirements were scaled down in four contracts as these contracts were falling behind schedule. The Management stated that the testing was relaxed since the welding was being done by computerized submerged arc welding modern machines. As per past experience, no pile had failed in load test and hence, lateral load test was not conducted in contract No.3C22. In case of contract 3C51R, the tests were not conducted by independent testing agency as the quality of steel was ultrasonically tested by SAIL. The testing of weld joints was reduced on contractor's request to expedite activities at the plant, conducting lateral pile tests, which was the minimum requirement as per the IS code, and independent testing of steel plates was done away with when the contract fell behind schedule."

(c): The observations of C&AG have been reviewed with Delhi Metro Rail Corporation (DMRC) Limited. It has been observed that all the tests as technically required to ensure quality and safety were conducted. The entire Phase I has also been inspected and after safety certification by the Commissioner of Metro Railway Safety, has been commissioned in stages from 2002 to 2006 and is performing satisfactorily. Thus, in view of the above, there is no scaling down of essential testing requirements.