

PUBLIC WORKS DEPARTMENT
BUILDINGS

OFFICE OF THE ENGINEER-IN-CHIEF (BUILDINGS) AND
CHIEF ENGINEER (BUILDINGS) CHENNAI REGION, PWD.,
CHEPAUK, CHENNAI-5

Technical Circular No. AEE/T10/24475 /2018, dated 24.07.2019

**Sub : Buildings - PWD - Construction Materials Testing -
Instructions issued - Regarding**

In order to ensure quality in construction of all Buildings by Public Works Department, it is instructed to adopt all quality control measures including testing of all construction materials listed below.

1. Cube Test for RCC
2. Brick Test
3. Sieve Analysis for Grain size distribution at site
4. Crushed Stone Sand (for Concrete and Masonry) (Locally called M- Sand) Test.
5. Crushed Stone Sand for the use of plastering (Locally called P- Sand) Test.
6. Cement Test
7. Steel Test
8. Water Test

In particular, for crushed stone sand, it is to be verified by the Field Engineers, whether manufacturer has furnished the **Approved certificate by Public Works Department and Sieve Analysis test report** from factory along with the supply of materials.

It is further instructed that, above said test reports should be kept at site by the Assistant Engineer/ Assistant Executive Engineer. The Executive Engineer should check these test reports periodically.

The receipt of technical circular shall be acknowledged.

sd/- Er. M.Rajamohan,
Engineer-in-Chief (Buildings) &
Chief Engineer (Buildings) Chennai Region
Chennai-5

Chief Engineer (Buildings), PWD.,
Chennai Region, Trichy and Madurai Region, Madurai

Superintending Engineers of Building Organisation, PWD
Executive Engineers of Building Organisation, PWD
Assistant Engineers & HDO, O/o Engineer-in-Chief (Buildings), PWD., Chennai

// Forwarded by Order //

J. V. S. Ram
24/7/19

For Engineer-in-Chief (Buildings) and
Chief Engineer (Buildings) Chennai Region