



Plain and Reinforced Concrete Laboratory
Civil Engineering Department
 University of Engineering and Technology, Lahore, Pakistan
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ORIGINAL
 A carbon copy for the report has been retained in the lab for record.

8268
 Dr. Qasim Khan

To: Manager Planning and Development
 NOON Developers & Marketing, New Muslim Town, Lahore

Project: Canal Heights 3-B, Block B, Noon Avenue, New Muslim Town, Lahore.

Our Ref. No. CL/CED/ 6541

Dated: 21-11-24

Test Specification

Your Ref. No. CH/ST/01/24

Dated: 19-11-24

(ASTM C39)

COMPRESSION TEST REPORT



Concrete Cubes/Concrete Cylinders/Bricks/Cores/Tuff Tiles/Pavers

Specimens received on: 19-11-24 **Tested on:** 21-11-24 **in dry/wet condition**

| Sr. No. | Mark* | Casting Date* | | | Size (in) | Wet Weight (Kg/ gms) | Dry Weight (Kg/ gms) | Area of X-Section (Sq. in) | Ultimate load (Imp.Tons) | Ultimate Stress (psi) | Water Absorption (%) | Remarks |
|---------|-----------------|---------------|----|------|--------------|-------------------------|-------------------------|-------------------------------|-----------------------------|--------------------------|----------------------|--------------|
| | | DD | MM | YYYY | | | | | | | | |
| 1 | Raft (4000 Psi) | 22 | 10 | 2024 | 6Diax12 | --- | 13.4 | 28.28 | 50 | 3960 | --- | Non Engraved |
| 2 | Raft (4000 Psi) | 22 | 10 | 2024 | 6Diax12 | --- | 14 | 28.28 | 56 | 4436 | --- | Non Engraved |
| 3 | Raft (4000 Psi) | 22 | 10 | 2024 | 6Diax12 | --- | 13.4 | 28.28 | 66 | 5228 | --- | Non Engraved |
| 4 | Raft (4000 Psi) | 22 | 10 | 2024 | 6Diax12 | --- | 14 | 28.28 | 50 | 3960 | --- | Non Engraved |
| 5 | Raft (4000 Psi) | 22 | 10 | 2024 | 6Diax12 | --- | 13.4 | 28.28 | 56 | 4436 | --- | Non Engraved |
| 6 | Raft (4000 Psi) | 22 | 10 | 2024 | 6Diax12 | --- | 14.4 | 28.28 | 47 | 3723 | --- | Non Engraved |
| 7 | Raft (4000 Psi) | 22 | 10 | 2024 | 6Diax12 | --- | 13 | 28.28 | 51 | 4040 | --- | Non Engraved |
| 8 | Raft (4000 Psi) | 22 | 10 | 2024 | 6Diax12 | --- | 13.4 | 28.28 | 58 | 4594 | --- | Non Engraved |
| 9 | Raft (4000 Psi) | 25 | 10 | 2024 | 6Diax12 | --- | 13.2 | 28.28 | 56 | 4436 | --- | Non Engraved |
| 10 | Raft (4000 Psi) | 25 | 10 | 2024 | 6Diax12 | --- | 13.4 | 28.28 | 63 | 4990 | --- | Non Engraved |
| 11 | Raft (4000 Psi) | 25 | 10 | 2024 | 6Diax12 | --- | 13.4 | 28.28 | 54 | 4277 | --- | Non Engraved |
| 12 | Raft (4000 Psi) | 25 | 10 | 2024 | 6Diax12 | --- | 13.2 | 28.28 | 64 | 5069 | --- | Non Engraved |
| 13 | Raft (4000 Psi) | 25 | 10 | 2024 | 6Diax12 | --- | 13 | 28.28 | 55 | 4356 | --- | Non Engraved |
| 14 | Raft (4000 Psi) | 25 | 10 | 2024 | 6Diax12 | --- | 13.8 | 28.28 | 53 | 4198 | --- | Non Engraved |
| 15 | Raft (4000 Psi) | 25 | 10 | 2024 | 6Diax12 | --- | 13 | 28.28 | 57 | 4515 | --- | Non Engraved |
| 16 | Raft (4000 Psi) | 25 | 10 | 2024 | 6Diax12 | --- | 13.6 | 28.28 | 52 | 4119 | --- | Non Engraved |

Witnessed by:

Results can also be seen on website <https://civil.uet.edu.pk/concrete-laboratory-reports/>

- * as engraved on the specimens (if any)
- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- **** ACI318-08 requires mean of two sample (6" diax12" cylinder) strength at 28 days as compressive strength

Note: Above results pertain to the unsealed samples supplied to the laboratory

- The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
- The test results are recommended to be interpreted in the light of above factors by the engineer.

Supervisor (Lab)

Director/Dy. Director Concrete Laboratory