



Plain and Reinforced Concrete Laboratory
Department of Civil Engineering
University of Engineering and Technology, Lahore
Phone Nos. 042-99029202, 042-99029217

8141

Dr. M. Yousaf

To: Rehman Ashraf Bajwa (Project Engineer Incharge)
Skyblue Builders, Lahore
Project: Construction of Akhuwat University Mustafabad Kasur

Our Ref. No. CL/CED/ 7582 Dated: 22-03-19

Your Ref. No. ST/Kasur/013 Dated: 22-02-19

COMPRESSION TEST REPORT

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

Specimens received on: 22-02-19 Tested on: 22-03-19 in dry/wet condition

| Sr. No. | Mark* | Casting Date* /Wet Weight (gms) | | | Size (in) | Weight (lbs./gms) | Area of X- Section (Sq. in) | Ultimate load (Tons/lbs) | Ultimate Stress (Psi) | Remarks |
|---------|-------|---------------------------------------|-----|-----|--------------|----------------------|--------------------------------------|--------------------------------|-----------------------------|---------|
| 1 | 7 UP | | | | 8.6x4.3x2.9 | 3064 | 36.98 | 23 | 1400 | |
| 2 | 7 UP | | | | 8.5x4.3x2.8 | 3033 | 36.55 | 43 | 2640 | |
| 3 | 7 UP | | | | 8.7x4.2x2.9 | 3096 | 36.54 | 60 | 3680 | |
| 4 | 7 UP | | | | 8.7x4.4x2.8 | 3114 | 38.28 | 23 | 1350 | |
| 5 | 7 UP | | | | 8.7x4.3x2.8 | 3102 | 37.41 | 37 | 2220 | |
| 6 | 7 UP | | | | 8.8x4.4x2.8 | 3089 | 38.72 | 22 | 1280 | |
| End | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 8 | | | | | | | | | | |
| 9 | | | | | | | | | | |
| 10 | | | | | | | | | | |
| 11 | | | | | | | | | | |
| 12 | | | | | | | | | | |
| 13 | | | | | | | | | | |
| 14 | | | | | | | | | | |
| 15 | | | | | | | | | | |
| 16 | | | | | | | | | | |

Results can also be seen on website http://www.uet.edu.pk/faculties/facultiesinfo/departments?RID=testing_reports&id=6

* 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" dia x 12" 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



Plain and Reinforced Concrete Laboratory
Department of Civil Engineering
University of Engineering and Technology, Lahore
Phone Nos. 042-99029202, 042-99029217

8267
Dr. Umbreen

To: Mr. Usman Ali (Project Manager)
Mukhtar Sons Construction Pvt. Ltd.
Project: Naveena Apartments, 35-C, Gulberg III, Lahore

Our Ref. No. CL/CED/ 7583 Dated: 22-03-19
Your Ref. No. Nil Dated: 14-03-19

COMPRESSION TEST REPORT

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

Specimens received on: 14-03-19 Tested on: 22-03-19 in dry/wet condition

| Sr. No. | Mark* | Casting Date* /Wet Weight (gms) | | | Size (in) | Weight (lbs./gms) | Area of X- Section (Sq. in) | Ultimate load (Tons/lbs) | Ultimate Stress (Psi) | Remarks |
|---------|-------------|---------------------------------------|-----|-----|---------------|----------------------|--------------------------------------|--------------------------------|-----------------------------|---------|
| 1 | Solid Block | | | | 11.11x5.9x7.5 | 18.6 | 65.55 | 59 | 2020 | |
| End | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 3 | | | | | | | | | | |
| 4 | | | | | | | | | | |
| 5 | | | | | | | | | | |
| 6 | | | | | | | | | | |
| 7 | | | | | | | | | | |
| 8 | | | | | | | | | | |
| 9 | | | | | | | | | | |
| 10 | | | | | | | | | | |
| 11 | | | | | | | | | | |
| 12 | | | | | | | | | | |
| 13 | | | | | | | | | | |
| 14 | | | | | | | | | | |
| 15 | | | | | | | | | | |
| 16 | | | | | | | | | | |

Results can also be seen on website http://www.uet.edu.pk/faculties/facultiesinfo/department?RID=testing_reports&id=6

* 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" dia x 12" 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