



Plain and Reinforced Concrete Laboratory

Department of Civil Engineering

University of Engineering and Technology, Lahore

Phone Nos. 042-99029202, 042-99029217

288

To: **Muneeb Ur Rehman (Sr. District Rehman)**

Dr. M. Yousaf

Humqadam Sialkot

Project: Retro-Fitting Tranch-III Humqadam SCRP-Sialkot (GGPS Ward # 5, EMIS Code-34340619)

Our Ref. No.

CL/CED/

1403

Dated:

18-12-20

Your Ref. No.

Nil

Dated:

15-12-20

COMPRESSION TEST REPORT

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

Specimens received

on:

18-12-20

Tested on:

18-12-20

in dry/wet condition

| Sr. No. | Mark* | Casting Date* | | | Size (in) | Weight (lbs./gms) | Area of X- Section (Sq. in) | Ultimate load (Tons/lbs) | Ultimate Stress (Psi) | Remarks |
|---------|-------------|---------------------|----|------|--------------|----------------------|--------------------------------------|--------------------------------|-----------------------------|---------|
| | | Wet Weight (gms) | | | | | | | | |
| 1 | Mortar Cube | 8 | 12 | 2020 | 2.0x2.0x2.0 | 262 | 4 | 7.25 | 4000 | |
| 2 | Mortar Cube | 8 | 12 | 2020 | 2.0x2.0x2.0 | 265 | 4 | 8.75 | 4830 | |
| 3 | Mortar Cube | 8 | 12 | 2020 | 2.0x2.0x2.0 | 272 | 4 | 4.5 | 2480 | |
| 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"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



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Department of Civil Engineering

University of Engineering and Technology, Lahore

Phone Nos. 042-99029202, 042-99029217

288

To: **Muneeb Ur Rehman (Sr. District Rehman)**

Dr. M. Yousaf

Humqadam Sialkot

Project: Retro-Fitting Tranch-III Humqadam SCRP-Sialkot (GMES Veerwala, EMIS Code-34310134)

Our Ref. No.

CL/CED/

1404

Dated:

18-12-20

Your Ref. No.

Nil

Dated:

16-12-20

COMPRESSION TEST REPORT

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

Specimens received

on:

18-12-20

Tested on:

18-12-20

in dry/wet condition

| Sr. No. | Mark* | Casting Date* | | | Size (in) | Weight (lbs./gms) | Area of X- Section (Sq. in) | Ultimate load (Tons/lbs) | Ultimate Stress (Psi) | Remarks |
|---------|-------------|----------------------|----|------|--------------|----------------------|--------------------------------------|--------------------------------|-----------------------------|---------|
| | | /Wet Weight (gms) | | | | | | | | |
| 1 | Mortar Cube | 9 | 12 | 2020 | 2.0x2.0x2.0 | 253 | 4 | 8.75 | 4830 | |
| 2 | Mortar Cube | 9 | 12 | 2020 | 2.0x2.0x2.0 | 267 | 4 | 7.5 | 4140 | |
| 3 | Mortar Cube | 9 | 12 | 2020 | 2.0x2.0x2.0 | 271 | 4 | 8 | 4410 | |
| 4 | | | | | | | | | | |
| 5 | | | | | | | | | | |
| 6 | | | | | | | | | | |
| 7 | | | | | | | | | | |
| 8 | | | | | | | | | | |
| 9 | | | | | | | | | | |
| 10 | | | | | | | | | | |
| 11 | | | | | | | | | | |
| 12 | | | | | | | | | | |
| 13 | | | | | | | | | | |
| 14 | | | | | | | | | | |
| 15 | | | | | | | | | | |
| 16 | | | | | | | | | | |

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