



Plain and Reinforced Concrete Laboratory
Civil Engineering Department
 University of Engineering and Technology, Lahore, Pakistan
 Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

ORIGINAL
 A carbon copy for the report has been retained in the lab for record.

3245
 Dr. Burhan

To: Project Manager
 Ivcc Pvt Ltd, Lahore.

Project: Construction of Starch Pack Green Field Kasur.

Our Ref. No. CL/CED/ 8800

Dated: 16-05-22

Test Specification

Your Ref. No. Nil

Dated: Nil

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 12-05-22 Tested on: 16-05-22 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 | Trial # 01 (4060 Psi) | 29 | 4 | 2022 | 6Diax12 | --- | 14 | 28.28 | 49 | 3881 | --- | Non Engraved |
| 2 | Trial # 01 (4060 Psi) | 29 | 4 | 2022 | 6Diax12 | --- | 14 | 28.28 | 43 | 3406 | --- | Non Engraved |
| 3 | Trial # 01 (4060 Psi) | 29 | 4 | 2022 | 6Diax12 | --- | 14 | 28.28 | 53 | 4198 | --- | Non Engraved |
| 4 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 5 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 6 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 7 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 8 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 9 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 10 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 11 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 12 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 13 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 14 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 15 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 16 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

Witnessed by:

Results can also be seen on website <https://civil.uet.edu.pk/concrete-laboratory-reports1/>

- * 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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 University of Engineering and Technology, Lahore, Pakistan
 Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

ORIGINAL
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3163
 Dr. Yousaf

To: (Hafiz Ozair Ahmad), Deputy Director (QCD)
 WASA, LDA, Lahore.

Project: Tender No. P&S/25.01/6483 Addition Alternation of Room's & Repair & Maintenance of Official Residence at Sher Shah Block New Garden Town, WASA, L.D.A, Lahore. (M/s Ghulam Muhammad & Co.).
Our Ref. No. CL/CED/ 8801 **Dated:** 16-05-22

Your Ref. No. QCD/1016-17

Dated: 19-04-22

Test Specification
 (BS 3921**)

COMPRESSION TEST REPORT



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

Specimens received on: 20-04-22 **Tested on:** 16-05-22 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 | GM | --- | --- | --- | 8.8 x 4.3 x 3 | 3825 | 3405 | 37.84 | 45 | 2664 | 12.33 | --- |
| 2 | GM | --- | --- | --- | 8.9 x 4.3 x 2.9 | 3770 | 3290 | 38.27 | 60 | 3512 | 14.59 | --- |
| 3 | GM | --- | --- | --- | 8.7 x 4.3 x 3 | 3790 | 3335 | 37.41 | 50 | 2994 | 13.64 | --- |
| 4 | GM | --- | --- | --- | 8.8 x 4.2 x 3 | 3865 | 3530 | 36.96 | 48 | 2909 | 9.49 | --- |
| 5 | GM | --- | --- | --- | 8.9 x 4.3 x 3 | 3865 | 3460 | 38.27 | 43 | 2517 | 11.71 | --- |
| 6 | GM | --- | --- | --- | 8.9 x 4.3 x 2.9 | 3835 | 3370 | 38.27 | 45 | 2634 | 13.8 | --- |
| 7 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 8 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 9 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 10 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 11 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 12 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 13 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 14 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 15 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 16 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

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3026
 Dr. Yousaf

To: Deputy Director (Works)
 Project Director of The Scheme O/O Mines Labour Welfare Commissioner, Punjab Lahore.
 Project: Construction of New Primary Portion at Mines Labour Welfare Girls High School, Makerwal District Mianwali.
 Our Ref. No. CL/CED/ 8802 Dated: 16-05-22
 Your Ref. No. MLW/C.E/MT/50/17/3079 Dated: 16-03-22

Test Specification
 (----)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 29-03-22 Tested on: 16-05-22 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 | Rectangular, Grey, 60 mm | --- | --- | --- | 7.8 x 3.8 x 2.3 | --- | 2505 | 29.64 | 106 | 8011 | --- | --- | |
| 2 | Rectangular, Grey, 60 mm | --- | --- | --- | 7.8 x 3.8 x 2.3 | --- | 2575 | 29.64 | 84 | 6348 | --- | --- | |
| 3 | Rectangular, Grey, 60 mm | --- | --- | --- | 7.8 x 3.8 x 2.3 | --- | 2555 | 29.64 | 117 | 8842 | --- | --- | |
| 4 | Rectangular, Grey, 60 mm | --- | --- | --- | 7.8 x 3.8 x 2.3 | --- | 2665 | 29.64 | 135 | 10202 | --- | --- | |
| 5 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |
| 6 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |
| 7 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |
| 8 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |
| 9 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |
| 10 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |
| 11 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |
| 12 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |
| 13 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |
| 14 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |
| 15 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |
| 16 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |

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Director/Dy. Director Concrete Laboratory



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ORIGINAL
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3243
 Dr. Yousaf

To: Senior Project Manager
 For Ravians Construction (Pvt) Ltd.

Project: Construction of Fantasy Plaza, Dream Garden, Lahore.

Our Ref. No. CL/CED/ 8803

Dated: 16/5/2022

Test Specification

Your Ref. No. Nil

Dated: 10-05-22

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 11-05-22 Tested on: 16/5/2022 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 | 4000 Psi | 20 | 4 | 2022 | 6Diax12 | --- | 13.6 | 28.28 | 58 | 4594 | --- | Non Engraved |
| 2 | 4000 Psi | 20 | 4 | 2022 | 6Diax12 | --- | 13.2 | 28.28 | 56 | 4436 | --- | Non Engraved |
| 3 | 4000 Psi | 20 | 4 | 2022 | 6Diax12 | --- | 14 | 28.28 | 60 | 4752 | --- | Non Engraved |
| 4 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 5 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 6 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 7 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 8 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 9 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 10 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 11 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 12 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 13 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 14 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 15 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
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- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
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3243
 Dr. Yousaf

To: Senior Project Manager
 For Ravians Construction (Pvt) Ltd.

Project: Construction of Fantasy Plaza, Dream Garden, Lahore

Our Ref. No. CL/CED/ 8804

Dated: 16/5/2022

Test Specification

Your Ref. No. Nil

Dated: 10-05-22

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 11-05-22 Tested on: 16/5/2022 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 | 5300 Psi | 12 | 4 | 2022 | 6Diax12 | --- | 13.4 | 28.28 | 106 | 8396 | --- | Non Engraved |
| 2 | 5300 Psi | 12 | 4 | 2022 | 6Diax12 | --- | 14.4 | 28.28 | 104 | 8238 | --- | Non Engraved |
| 3 | 5300 Psi | 12 | 4 | 2022 | 6Diax12 | --- | 14.4 | 28.28 | 116 | 9188 | --- | Non Engraved |
| 4 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 5 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 6 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 7 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 8 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 9 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 10 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 11 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 12 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 13 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 14 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 15 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
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- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
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- The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
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Director/Dy. Director Concrete Laboratory



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ORIGINAL
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3220
 Dr. Yousaf

To: Engr. Zahid Hussain
 Director Projects, Innovative @ Construction Company

Project: Construction of ABL Branch at Jubilee Town Lahore.

Our Ref. No. CL/CED/ 8805

Dated: 16/5/2022

Test Specification

Your Ref. No. ICL/ABL/JT/0422/05

Dated: 28/4/2022

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: **28/4/2022** Tested on: **16/5/2022** 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 | FF Col., Lift Wall & UGWT | 24 | 3 | 2022 | 6Diax12 | --- | 13 | 28.28 | 86 | 6812 | --- | Non Engraved |
| 2 | FF Col., Lift Wall & UGWT | 24 | 3 | 2022 | 6Diax12 | --- | 13 | 28.28 | 73 | 5782 | --- | Non Engraved |
| 3 | FF Col., Lift Wall & UGWT | 24 | 3 | 2022 | 6Diax12 | --- | 13 | 28.28 | 67 | 5307 | --- | Non Engraved |
| 4 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 5 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 6 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 7 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 8 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 9 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 10 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 11 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
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| 14 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
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3077
 Dr. M. Yousaf

To: Sub Divisional Officer
 Buildings Sub Division No. 9, Lahore
 Project: Master Planning of Qurban Lines, Lahore Phase-I. Construction of BS (18-19) Apartments at Qurban Lines, Lahore
 Our Ref. No. CL/CED/ 8806 Dated: 16-05-22
 Your Ref. No. 96/9th Dated: 04-02-22

Test Specification
 (BS 3921**)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: **05-04-22** Tested on: **16-05-22** 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 | RA | --- | --- | --- | 8.8 x 4.4 x 3 | 3795 | 3360 | 38.72 | 48 | 2777 | 12.95 | --- |
| 2 | RA | --- | --- | --- | 8.8 x 4.4 x 3 | 3835 | 3310 | 38.72 | 50 | 2893 | 15.86 | --- |
| 3 | RA | --- | --- | --- | 8.9 x 4.4 x 3 | 3845 | 3320 | 39.16 | 48 | 2746 | 15.81 | --- |
| 4 | RA | --- | --- | --- | 8.9 x 4.4 x 3 | 3845 | 3330 | 39.16 | 43 | 2460 | 15.47 | --- |
| 5 | RA | --- | --- | --- | 8.9 x 4.4 x 2.9 | 3720 | 3240 | 39.16 | 45 | 2574 | 14.81 | --- |
| 6 | RA | --- | --- | --- | 8.8 x 4.4 x 3 | 3785 | 3300 | 38.72 | 44 | 2545 | 14.7 | --- |
| 7 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 8 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 9 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 10 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 11 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 12 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
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3147
 Dr. Umbreen

To: Muhammad Saleem, GM
 Professional Construction Services (Pvt.) Ltd.

Project: Re-Imaging of McDonald's Restaurant at Johar Town, Lahore.

Our Ref. No. CL/CED/ 8807

Dated: 16/5/2022

Test Specification

Your Ref. No. PCS/22/Eng-38

Dated: 15/4/2022

(---)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 18/04/2022 Tested on: 16/5/2022 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 | Rectangular, Grey, 60 mm | --- | --- | --- | 7.7 x 3.9 x 2.3 | --- | 2545 | 30.03 | 59 | 4401 | --- | --- | |
| 2 | Rectangular, Grey, 60 mm | --- | --- | --- | 7.7 x 3.9 x 2.3 | --- | 2515 | 30.03 | 52 | 3879 | --- | --- | |
| 3 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |
| 4 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |
| 5 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |
| 6 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |
| 7 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |
| 8 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |
| 9 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |
| 10 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |
| 11 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |
| 12 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |
| 13 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |
| 14 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |
| 15 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |
| 16 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |

Witnessed by:

Results can also be seen on website <https://civil.uet.edu.pk/concrete-laboratory-reports1/>

- * 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



Plain and Reinforced Concrete Laboratory
Civil Engineering Department
 University of Engineering and Technology, Lahore, Pakistan
 Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

ORIGINAL
 A carbon copy for the report has been retained in the lab for record.

3196
 Dr. Yousaf

To: Nabeel Abbas Habib, CEO
 For Habib Platinum Developers (Pvt) Ltd.

Project: Development of Gulshan-E-Habib Housing Society, Lahore.

Our Ref. No. CL/CED/ 8808

Dated: 16/5/2022

Test Specification

Your Ref. No. GHHS/04-2022/0008

Dated: 04-04-22

(----)

COMPRESSION TEST REPORT



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

Specimens received on: 26/04/2022 **Tested on:** 16/5/2022 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 | Rectangular, Grey, 60 mm | --- | --- | --- | 7.8 x 3.8 x 2.3 | --- | 2790 | 29.64 | 132 | 9976 | --- | --- |
| 2 | Rectangular, Grey, 60 mm | --- | --- | --- | 7.8 x 3.8 x 2.3 | --- | 2790 | 29.64 | 160 | 12092 | --- | --- |
| 3 | Rectangular, Grey, 60 mm | --- | --- | --- | 7.8 x 3.8 x 2.3 | --- | 2785 | 29.64 | 134 | 10127 | --- | --- |
| 4 | Rectangular, Red, 60 mm | --- | --- | --- | 7.8 x 3.8 x 2.3 | --- | 2450 | 29.64 | 57 | 4308 | --- | --- |
| 5 | Rectangular, Red, 60 mm | --- | --- | --- | 7.8 x 3.8 x 2.3 | --- | 2655 | 29.64 | 96 | 7255 | --- | --- |
| 6 | Rectangular, Red, 60 mm | --- | --- | --- | 7.8 x 3.8 x 2.3 | --- | 2640 | 29.64 | 120 | 9069 | --- | --- |
| 7 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 8 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 9 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 10 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 11 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 12 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 13 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 14 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 15 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 16 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

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 Dr. Yousaf

To: Nabeel Abbas Habib
 For Habib Platinum Developers (Pvt) Ltd.

Project: Development of Gulshan-E-Habib Housing Society, Lahore.

Our Ref. No. CL/CED/ 8809

Dated: 16/5/2022

Test Specification

Your Ref. No. GHHS/04-2022/0006

Dated: 04-04-22

(---)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 26/04/2022 **Tested on:** 16/5/2022 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 | Kerb Stone | --- | --- | --- | 6 x 6 x 6 | --- | 8 | 36 | 91 | 5662 | --- | Cut Cube |
| 2 | Kerb Stone | --- | --- | --- | 6 x 6 x 6 | --- | 8 | 36 | 76 | 4729 | --- | Cut Cube |
| 3 | Kerb Stone | --- | --- | --- | 6 x 6 x 6 | --- | 8 | 36 | 104 | 6471 | --- | Cut Cube |
| 4 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 5 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 6 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 7 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
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| 14 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 15 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
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