



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.

3890
 Dr. Aqsa

To: Resident Engineer (Civil),
 Mascon Associates (Pvt.) Ltd.

Project: Establishment of Model Bazar Head Office Bulding

Our Ref. No. CL/CED/ 9858

Dated: 19-09-22

Test Specification

Your Ref. No. MAC-HAC/22/PMBMC/LT/014

Dated: 15-09-22

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 16-09-22 **Tested on:** 19-09-22 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 Absorpti on (%) | Remarks |
|---------|----------------------|---------------|-----|------|--------------|-------------------------|-------------------------|-------------------------------|-----------------------------|--------------------------|-----------------------|--------------|
| | | DD | MM | YYYY | | | | | | | | |
| 1 | Ramp Slab (3000 Psi) | 5 | 9 | 2022 | 6Diax12 | --- | 12.2 | 28.28 | 38 | 3010 | --- | Non Engraved |
| 2 | Ramp Slab (3000 Psi) | 5 | 9 | 2022 | 6Diax12 | --- | 13 | 28.28 | 41 | 3248 | --- | Non Engraved |
| 3 | Ramp Slab (3000 Psi) | 5 | 9 | 2022 | 6Diax12 | --- | 12 | 28.28 | 33 | 2614 | --- | 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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3890
 Dr. Aqsa

To: Resident Engineer (Civil)
 Mascon Associates (Pvt.) Ltd.

Project: Establishment of Model Bazar Head Office Bulding

Our Ref. No. CL/CED/ 9859

Dated: 19-09-22

Test Specification

Your Ref. No. MAC-HAC/22/PMBMC/LT/015

Dated: 15-09-22

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: **16-09-22** Tested on: **19-09-22** 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 Absorpti on (%) | Remarks |
|---------|-------------------|---------------|-----|------|--------------|-------------------------|-------------------------|-------------------------------|-----------------------------|--------------------------|-----------------------|--------------|
| | | DD | MM | YYYY | | | | | | | | |
| 1 | Column (3000 Psi) | 15 | 8 | 2022 | 6Diax12 | --- | 13.2 | 28.28 | 64 | 5069 | --- | Non Engraved |
| 2 | Column (3000 Psi) | 15 | 8 | 2022 | 6Diax12 | --- | 14 | 28.28 | 65 | 5149 | --- | Non Engraved |
| 3 | Column (3000 Psi) | 15 | 8 | 2022 | 6Diax12 | --- | 13 | 28.28 | 60 | 4752 | --- | Non Engraved |
| 4 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 5 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 6 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 7 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 8 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 9 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 10 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 11 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
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| 14 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
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| 16 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

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- ** 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

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Director/Dy. Director Concrete Laboratory



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3890
 Dr. Aqsa

To: Resident Engineer (Civil)
 Mascon Associates (Pvt.) Ltd.

Project: Establishment of Model Bazar Head Office Bulding

Our Ref. No. CL/CED/ 9860

Dated: 19-09-22

Test Specification

Your Ref. No. MAC-HAC/22/PMBMC/LT/016

Dated: 15-09-22

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 16-09-22 Tested on: 19-09-22 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 Absorpti on (%) | Remarks |
|---------|--------------------------------|---------------|-----|------|--------------|-------------------------|-------------------------|-------------------------------|-----------------------------|--------------------------|-----------------------|--------------|
| | | DD | MM | YYYY | | | | | | | | |
| 1 | R.Wall (1st Pour), 3000 Psi | 19 | 8 | 2022 | 6Diax12 | --- | 14 | 28.28 | 69 | 5465 | --- | Non Engraved |
| 2 | R.Wall (1st Pour), 3000 Psi | 19 | 8 | 2022 | 6Diax12 | --- | 13.4 | 28.28 | 80 | 6337 | --- | Non Engraved |
| 3 | R.Wall (1st Pour), 3000 Psi | 19 | 8 | 2022 | 6Diax12 | --- | 13 | 28.28 | 75 | 5941 | --- | Non Engraved |
| 4 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 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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3892
 Dr. Aqsa

To: Sub Divisional Officer
 Buildings Sub Division No. 06, Lahore

Project: Construction of Population Construction House Punjab at Lahore

Our Ref. No. CL/CED/ 9861

Dated: 19-09-22

Test Specification

Your Ref. No. 155/22nd

Dated: 09-09-22

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 16-09-22 **Tested on:** 19-09-22 **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 | R.C.C (1:1-1/2:3) Columns + Lift | 12 | 8 | 2022 | 6x6x6 | --- | 8 | 36 | 69 | 4293 | --- | Non Engraved |
| 2 | R.C.C (1:1-1/2:3) Columns + Lift | 12 | 8 | 2022 | 6x6x6 | --- | 8.4 | 36 | 86 | 5351 | --- | Non Engraved |
| 3 | R.C.C (1:1-1/2:3) Columns + Lift | 12 | 8 | 2022 | 6x6x6 | --- | 8 | 36 | 81 | 5040 | --- | 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
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ORIGINAL
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3892
 Dr. Aqsa

To: Sub Divisional Officer
 Buildings Sub Division No. 06, Lahore

Project: Construction of New Office Block of Commissioner Office Lahore ADP No. 5634 for the Year 2021-22

Our Ref. No. CL/CED/ 9862

Dated: 19-09-22

Test Specification

Your Ref. No. 41-A/sd 6

Dated: 08-08-22

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: **16-09-22** Tested on: **19-09-22** 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 | (1:1-1/2:3) Retaining Wall | 6 | 8 | 2022 | 6x6x6 | --- | 9 | 36 | 80 | 4978 | --- | Non Engraved |
| 2 | (1:1-1/2:3) Retaining Wall | 6 | 8 | 2022 | 6x6x6 | --- | 9 | 36 | 88 | 5476 | --- | Non Engraved |
| 3 | (1:1-1/2:3) Retaining Wall | 6 | 8 | 2022 | 6x6x6 | --- | 8.8 | 36 | 76 | 4729 | --- | Non Engraved |
| 4 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 5 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 6 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 7 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 8 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 9 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 10 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 11 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 12 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 13 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 14 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 15 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 16 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

Witnessed by:

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- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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ORIGINAL
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3892
 Dr. Aqsa

To: Sub Divisional Officer
 Buildings Sub Division No. 06, Lahore

Project: Construction of New Office Block of Commissioner Office Lahore ADP No. 5634 for the Year 2021-22

Our Ref. No. CL/CED/ 9863

Dated: 19-09-22

Test Specification

Your Ref. No. 58-/sd 6

Dated: 30-08-22

(BS 1881-116)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 16-09-22 Tested on: 19-09-22 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 | (1:1-1/2:3) Column + Lift | 14 | 8 | 2022 | 6x6x6 | --- | 8 | 36 | 65 | 4044 | --- | Non Engraved |
| 2 | (1:1-1/2:3) Column + Lift | 14 | 8 | 2022 | 6x6x6 | --- | 8.2 | 36 | 76 | 4729 | --- | Non Engraved |
| 3 | (1:1-1/2:3) Column + Lift | 14 | 8 | 2022 | 6x6x6 | --- | 8.2 | 36 | 58 | 3609 | --- | Non Engraved |
| 4 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 5 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 6 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 7 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 8 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 9 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 10 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 11 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 12 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 13 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 14 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 15 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
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Director/Dy. Director Concrete Laboratory



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

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3866
 Dr. Aqsa

To: Engr. Syed Muhammad Junaid (Executive Engineer)
 University of Home Economics Lahore.

Project: Construction of Academic Block at University of Home Economics Lahore.

Our Ref. No. CL/CED/ 9864

Dated: 19-09-22

Test Specification

Your Ref. No. UHE/EE/814

Dated: 06-09-22

(----)

COMPRESSION TEST REPORT



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

Specimens received on: 12-09-22 **Tested on:** 19-09-22 **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 | S | --- | --- | --- | 8.9 x 4.3 x 3.1 | --- | 3585 | 38.27 | 42 | 2458 | --- | --- |
| 2 | S | --- | --- | --- | 8.8 x 4.2 x 2.9 | --- | 3200 | 36.96 | 47 | 2848 | --- | --- |
| 3 | S | --- | --- | --- | 8.8 x 4.3 x 3 | --- | 3420 | 37.84 | 47 | 2782 | --- | --- |
| 4 | S | --- | --- | --- | 8.8 x 4.3 x 3.1 | --- | 3415 | 37.84 | 42 | 2486 | --- | --- |
| 5 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 6 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 7 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 8 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 9 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 10 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 11 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
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Director/Dy. Director Concrete Laboratory



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3893
 Dr. Aqsa

To: Mr. Dawood Jan
 Head Constructions, FF Steel Pvt. Ltd. (Supplier: Annotative Tuff Tiles)

Project: (Construction of Meltshop at FF Steel Unit-1) Project of Frontier Foundry Steel Pvt. Ltd.

Our Ref. No. CL/CED/ 9865

Dated: 19-09-22

Test Specification

Your Ref. No. Nil

Dated: 16-09-22

(----)

COMPRESSION TEST REPORT



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

Specimens received on: **16-09-22** Tested on: **19-09-22** 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 | Uni Block, 80mm (Grey) | --- | --- | --- | 3.1 thick | --- | 4435 | 37.44 | 83 | 4966 | --- | --- |
| 2 | Uni Block, 80mm (Grey) | --- | --- | --- | 3.1 thick | --- | 4440 | 37.44 | 117 | 7000 | --- | --- |
| 3 | Uni Block, 80mm (Grey) | --- | --- | --- | 3.1 thick | --- | 4415 | 37.44 | 101 | 6043 | --- | --- |
| 4 | Uni Block, 80mm (Grey) | --- | --- | --- | 3.1 thick | --- | 4610 | 37.44 | 120 | 7179 | --- | --- |
| 5 | Uni Block, 80mm (Red) | --- | --- | --- | 3.1 thick | --- | 4340 | 37.44 | 83 | 4966 | --- | --- |
| 6 | Uni Block, 80mm (Red) | --- | --- | --- | 3.1 thick | --- | 4530 | 37.44 | 118 | 7060 | --- | --- |
| 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