# 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.

9304
Dr. Qasim Khan

**To:** Engr. Farrukh Alvi
Deputy General Manager (Works), For Habib Rafiq Engineering (Pvt) Limited

**Project:** Construction of 101 Tower, Lahore. (Concrete for Shear Wall # 02, Level 03-04)

Our Ref. No. CL/CED/ 8055 Dated: 22/04/2025 Test Specification

Your Ref. No. HRLE/SKG/2025/206 Dated: 21/04/2025 ( ASTM C39 )

# COMPRESSION TEST REPORT

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

Specimens received on: 21/04/2025 Tested on: 22/04/2025 in dry/wet condition

| Sr. No. | Mark* | Casting Date* DD | MM | YYYY | 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Lab No. 417 (8000 Psi) | 23 | 3 | 2025 | 6Diax12 | --- | 14 | 28.28 | 107 | 8475 | --- | Non Engraved |
| 2 | Lab No. 417 (8000 Psi) | 23 | 3 | 2025 | 6Diax12 | --- | 14 | 28.28 | 99 | 7842 | --- | Non Engraved |
| 3 | Lab No. 417 (8000 Psi) | 23 | 3 | 2025 | 6Diax12 | --- | 14.2 | 28.28 | 109 | 8634 | --- | 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/**

1. * as engraved on the specimens (if any)
2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
4. **** 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

1.The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
2.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
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**ORIGINAL**
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9309
Dr. Asad Gilani

**To:** Engr. Farrukh Alvi
Deputy General Manager (Works), For Habib Rafiq Engineering (Pvt) Limited

**Project:** Construction of 101 Tower, Lahore. (Concrete for Shear Wall # 02, Level 03-04)

Our Ref. No. CL/CED/ 8056 Dated: 22/04/2025 **Test Specification**

Your Ref. No. HRLE/SKG/2025/208 Dated: 21/04/2025 ( ASTM C39 )

# COMPRESSION TEST REPORT

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

**Specimens received on:** 21/04/2025 **Tested on:** 22/04/2025 **in dry/wet condition**

| Sr. No. | Mark* | Casting Date* DD | MM | YYYY | 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Lab No. 417 (8000 Psi) | 23 | 3 | 2025 | 6Diax12 | --- | 14 | 28.28 | 109 | 8634 | --- | Non Engraved |
| 2 | Lab No. 417 (8000 Psi) | 23 | 3 | 2025 | 6Diax12 | --- | 14.2 | 28.28 | 120 | 9505 | --- | Non Engraved |
| 3 | Lab No. 417 (8000 Psi) | 23 | 3 | 2025 | 6Diax12 | --- | 14.4 | 28.28 | 119 | 9426 | --- | 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/**

1. * as engraved on the specimens (if any)
2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
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**Note:** Above results pertain to the unsealed samples supplied to the laboratory

1.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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## Civil Engineering Department
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**ORIGINAL**
A carbon copy for the report has been retained in the lab for record.

9306
Dr. Aqsa

**To:** Amna Iftikhar
100-B-III, Gulberg III, Lahore.

**Project:** (Columns at 1st Floor)

**Our Ref. No.** CL/CED/ 8057 **Dated:** 22/04/2025 **Test Specification**

**Your Ref. No.** CT/FF/12 **Dated:** 21/04/2025 ( ASTM C39 )

# COMPRESSION TEST REPORT

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

**Specimens received on:** 21/04/2025 **Tested on:** 22/04/2025 **in dry/wet condition**

| Sr. No. | Mark* | Casting Date* DD | MM | YYYY | 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | C-104 | 15 | 3 | 2025 | 6Diax12 | --- | 14 | 28.28 | 42 | 3327 | --- | Non Engraved |
| 2 | C-105 | 15 | 3 | 2025 | 6Diax12 | --- | 14 | 28.28 | 65 | 5149 | --- | Non Engraved |
| 3 | C-106 | 15 | 3 | 2025 | 6Diax12 | --- | 14.4 | 28.28 | 50 | 3960 | --- | 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/**

1. * as engraved on the specimens (if any)
2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
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**Supervisor (Lab)** **Director/Dy. Director Concrete Laboratory**

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## Civil Engineering Department
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**ORIGINAL**
A carbon copy for the report has been retained in the lab for record.

9313
Dr. Aqsa

**To:** Mr. Muhammad Shafiq
Assistant Resident Engineer, Package-III (PCP) Kamalia.

Project: "IMPROVEMENT OF SEWERAGE SYSTEM AND CONSTRUCTION OF WASTE WATER TREATMENT PLANT (WWTP)-KAMALIA CITY" PACKAGE-1 SEWERAGE SYSTEM.

Our Ref. No. CL/CED/ 8058 Dated: 22/04/2025 Test Specification

Your Ref. No. MMP/1095/Kamalia/SEW/117/2025 Dated: 09/04/2025 ( ASTM C39 )

# COMPRESSION TEST REPORT

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

Specimens received on: 22/04/2025 Tested on: 22/04/2025 in dry/wet condition

| Sr. No. | Mark* | Casting Date* DD | MM | YYYY | 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | (1:1.5:3) | 16 | 3 | 2025 | 6Diax12 | --- | 13 | 28.28 | 34 | 2693 | --- | Non Engraved |
| 2 | (1:1.5:3) | 16 | 3 | 2025 | 6Diax12 | --- | 13.6 | 28.28 | 52 | 4119 | --- | Non Engraved |
| 3 | (1:1.5:3) | 16 | 3 | 2025 | 6Diax12 | --- | 14 | 28.28 | 47 | 3723 | --- | Non Engraved |
| 4 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 5 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 6 | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 7 | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 8 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 9 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 10 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 11 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 12 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 13 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 14 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 15 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 16 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

**Witnessed by: Mr. Qazi Abdul Majid, RE (MMP), MC Okara.**

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

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2. ** 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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9316
Dr. M. Yousaf

**To:** Mr. Muhammad Saleem
Tehsil Burewala, District Vehari.

**Project:** Nil

**Our Ref. No.** CL/CED/ 8059 **Dated:** 22/04/2025 **Test Specification**

**Your Ref. No.** Nil **Dated:** Nil ( ---- )

# COMPRESSION TEST REPORT

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

**Specimens received on:** 22/04/2025 **Tested on:** 22/04/2025 **in dry/wet condition**

| Sr. No. | Mark* | Casting Date* DD | MM | YYYY | 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Rectangular, Grey, 80 mm | --- | --- | --- | 7.8 x 3.9 x 3.1 | --- | 3715 | 30.42 | 107 | 7879 | --- | --- |
| 2 | Rectangular, Grey, 80 mm | --- | --- | --- | 7.8 x 3.9 x 3.1 | --- | 3570 | 30.42 | 105 | 7732 | --- | --- |
| 3 | Rectangular, Grey, 80 mm | --- | --- | --- | 7.8 x 3.9 x 3.1 | --- | 3575 | 30.42 | 107 | 7879 | --- | --- |
| 4 | Rectangular, Grey, 80 mm | --- | --- | --- | 7.8 x 3.9 x 3.1 | --- | 3385 | 30.42 | 105 | 7732 | --- | --- |
| 5 | Rectangular, Grey, 80 mm | --- | --- | --- | 7.8 x 3.9 x 3.1 | --- | 3590 | 30.42 | 104 | 7658 | --- | --- |
| 6 | Rectangular, Grey, 80 mm | --- | --- | --- | 7.8 x 3.9 x 3.1 | --- | 3745 | 30.42 | 105 | 7732 | --- | --- |
| 7 | Rectangular, Grey, 80 mm | --- | --- | --- | 7.8 x 3.9 x 3.1 | --- | 3375 | 30.42 | 111 | 8174 | --- | --- |
| 8 | Rectangular, Grey, 80 mm | --- | --- | --- | 7.8 x 3.9 x 3.1 | --- | 3740 | 30.42 | 101 | 7437 | --- | --- |
| 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/**

1. * as engraved on the specimens (if any)
2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
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**Supervisor (Lab)** **Director/Dy. Director Concrete Laboratory**

# Plain and Reinforced Concrete Laboratory
## Civil Engineering Department
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**ORIGINAL**
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9268
Dr. M. Yousaf

**To:** Deputy Director (Engg.)
Lahore Development Authority, U.D Wing, Khayaban-e-Firdousi, M.A Johar Town, Lahore.

**Project:** Development of Infrastructure and Parking Area in A-Block LDA Avenue-I, Lahore.

**Our Ref. No.** CL/CED/ 8060 **Dated:** 22/04/2025 **Test Specification**

**Your Ref. No.** DD(Engg.)/LDA/45 **Dated:** 18/02/2025 **( BS 6717 )**

# COMPRESSION TEST REPORT

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

**Specimens received on:** 15/04/2025 **Tested on:** 21/04/2025 **in dry/wet condition**

| Sr. No. | Mark* | Casting Date* DD | MM | YYYY | 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Rectangular, Grey, 80 mm | --- | --- | --- | 7.8 x 3.8 x 3.1 | --- | 3545 | 29.64 | 107 | 8086 | --- | 9541 |
| 2 | Rectangular, Grey, 80 mm | --- | --- | --- | 7.8 x 3.8 x 3.1 | --- | 3625 | 29.64 | 64 | 4837 | --- | 5708 |
| 3 | Rectangular, Grey, 80 mm | --- | --- | --- | 7.8 x 3.8 x 3.1 | --- | 3650 | 29.64 | 84 | 6348 | --- | 7491 |
| 4 | Rectangular, Red, 80 mm | --- | --- | --- | 7.8 x 3.8 x 3.1 | --- | 3545 | 29.64 | 99 | 7482 | --- | 8829 |
| 5 | Rectangular, Red, 80 mm | --- | --- | --- | 7.8 x 3.8 x 3.1 | --- | 3690 | 29.64 | 90 | 6802 | --- | 8026 |
| 6 | Rectangular, Red, 80 mm | --- | --- | --- | 7.8 x 3.8 x 3.1 | --- | 3455 | 29.64 | 111 | 8389 | --- | 9899 |
| 7 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 8 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 9 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 10 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 11 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 12 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 13 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 14 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 15 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 16 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

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**Supervisor (Lab)** **Director/Dy. Director Concrete Laboratory**

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## Civil Engineering Department
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**ORIGINAL**
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9268
Dr. M. Yousaf

**To:** Deputy Director (Engg.)
Lahore Development Authority, U.D Wing, Khayaban-e-Firdousi, M.A Johar Town, Lahore.

**Project:** Development of Infrastructure and Parking Area in A-Block LDA Avenue-I, Lahore.

**Our Ref. No.** CL/CED/ 8061 **Dated:** 22/04/2025 **Test Specification**

**Your Ref. No.** DD(Engg.)/LDA/46 **Dated:** 18/02/2025 ( ---- )

# COMPRESSION TEST REPORT

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

**Specimens received on:** 15/04/2025 **Tested on:** 21/04/2025 **in dry/wet condition**

| Sr. No. | Mark* | Casting Date* DD | MM | YYYY | 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Kerb Stone | --- | --- | --- | 6 x 6 x 6 | --- | 7.6 | 36 | 66 | 4107 | --- | Cut Cube |
| 2 | Kerb Stone | --- | --- | --- | 6 x 6 x 6 | --- | 7.8 | 36 | 47 | 2924 | --- | Cut Cube |
| 3 | Kerb Stone | --- | --- | --- | 6 x 6 x 6 | --- | 7.2 | 36 | 66 | 4107 | --- | Cut Cube |
| 4 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 5 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 6 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 7 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 8 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 9 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 10 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 11 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 12 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 13 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 14 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 15 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 16 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

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**Supervisor (Lab)** **Director/Dy. Director Concrete Laboratory**

# Plain and Reinforced Concrete Laboratory
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Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895


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

9256
Dr. Aqsa

**To:** Engr. Bilal Shahid
Manager Projects, Ittefaq Building Solutions Pvt. Ltd.

**Project:** AM International, Raiwind Road, Lahore

**Our Ref. No. CL/CED/** 8062 **Dated:** 22/04/2025 **Test Specification**

**Your Ref. No.** Nil **Dated:** 11/04/2025 **( ASTM C39 )**

# COMPRESSION TEST REPORT

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

**Specimens received on:** 11/04/2025 **Tested on:** 22/04/2025 **in dry/wet condition**

| Sr. No. | Mark* | Casting Date* DD | MM | YYYY | 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | (3000 Psi) | 11 | 3 | 2025 | 6Diax12 | --- | 15 | 28.28 | 46 | 3644 | --- | Non Engraved |
| 2 | (3000 Psi) | 11 | 3 | 2025 | 6Diax12 | --- | 14 | 28.28 | 39 | 3089 | --- | Non Engraved |
| 3 | (3000 Psi) | 11 | 3 | 2025 | 6Diax12 | --- | 13.6 | 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/**

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

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

1.The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
2.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.

9256
Dr. Aqsa

**To:** Engr. Bilal Shahid
Manager Projects, Ittefaq Building Solutions Pvt. Ltd.

**Project:** AM International, Raiwind Road, Lahore

**Our Ref. No. CL/CED/** 8063 **Dated:** 22/04/2025 **Test Specification**

**Your Ref. No.** Nil **Dated:** 11/04/2025 **( ASTM C39 )**

# COMPRESSION TEST REPORT

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

**Specimens received on:** 11/04/2025 **Tested on:** 22/04/2025 **in dry/wet condition**

| Sr. No. | Mark* | Casting Date* DD | MM | YYYY | 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | (3000 Psi) | 28 | 3 | 2025 | 6Diax12 | --- | 13 | 28.28 | 34 | 2693 | --- | Non Engraved |
| 2 | (3000 Psi) | 28 | 3 | 2025 | 6Diax12 | --- | 13 | 28.28 | 41 | 3248 | --- | Non Engraved |
| 3 | (3000 Psi) | 28 | 3 | 2025 | 6Diax12 | --- | 13.6 | 28.28 | 35 | 2772 | --- | 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/**

1. * as engraved on the specimens (if any)
2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
4. **** 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

1.The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
2.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.

9256
Dr. Aqsa

**To:** Engr. Bilal Shahid
Manager Projects, Ittefaq Building Solutions Pvt. Ltd.

**Project:** AM International, Raiwind Road, Lahore

**Our Ref. No. CL/CED/** 8064 **Dated:** 22/04/2025 **Test Specification**

**Your Ref. No.** Nil **Dated:** 11/04/2025 **( ASTM C39 )**

# COMPRESSION TEST REPORT

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

**Specimens received on:** 11/04/2025 **Tested on:** 22/04/2025 **in dry/wet condition**

| Sr. No. | Mark* | Casting Date* DD | MM | YYYY | 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | (3500 Psi) | 27 | 3 | 2025 | 6Diax12 | --- | 13.6 | 28.28 | 37 | 2931 | --- | Non Engraved |
| 2 | (3500 Psi) | 27 | 3 | 2025 | 6Diax12 | --- | 13 | 28.28 | 47 | 3723 | --- | Non Engraved |
| 3 | (3500 Psi) | 27 | 3 | 2025 | 6Diax12 | --- | 14.8 | 28.28 | 47 | 3723 | --- | 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/**

1. * as engraved on the specimens (if any)
2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
4. **** 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

1.The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
2.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.

9256
Dr. Aqsa

**To:** Engr. Bilal Shahid
Manager Projects, Ittefaq Building Solutions Pvt. Ltd.

Project: AM International, Raiwind Road, Lahore

Our Ref. No. CL/CED/ 8065 Dated: 22/04/2025 Test Specification

Your Ref. No. Nil Dated: 11/04/2025 ( ASTM C39 )

# COMPRESSION TEST REPORT

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

Specimens received on: 11/04/2025 Tested on: 22/04/2025 in dry/wet condition

| Sr. No. | Mark* | Casting Date* DD | MM | YYYY | 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | (3000 Psi) | 26 | 3 | 2025 | 6Diax12 | --- | 13.8 | 28.28 | 39 | 3089 | --- | Non Engraved |
| 2 | (3000 Psi) | 26 | 3 | 2025 | 6Diax12 | --- | 13.6 | 28.28 | 42 | 3327 | --- | Non Engraved |
| 3 | (3000 Psi) | 26 | 3 | 2025 | 6Diax12 | --- | 14.2 | 28.28 | 47 | 3723 | --- | 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/**

1. * as engraved on the specimens (if any)
2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
4. **** 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

1.The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
2.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.

9256
Dr. Aqsa

**To:** Engr. Bilal Shahid
Manager Projects, Ittefaq Building Solutions Pvt. Ltd.

**Project:** AM International, Raiwind Road, Lahore

**Our Ref. No. CL/CED/** 8066 **Dated:** 22/04/2025 **Test Specification**

**Your Ref. No.** Nil **Dated:** 11/04/2025 **( ASTM C39 )**

# COMPRESSION TEST REPORT

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

**Specimens received on:** 11/04/2025 **Tested on:** 22/04/2025 **in dry/wet condition**

| Sr. No. | Mark* | Casting Date* DD | MM | YYYY | 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | (3000 Psi) | 10 | 3 | 2025 | 6Diax12 | --- | 14.2 | 28.28 | 44 | 3485 | --- | Non Engraved |
| 2 | (3000 Psi) | 10 | 3 | 2025 | 6Diax12 | --- | 14 | 28.28 | 36 | 2851 | --- | Non Engraved |
| 3 | (3000 Psi) | 10 | 3 | 2025 | 6Diax12 | --- | 14.2 | 28.28 | 39 | 3089 | --- | 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/**

1. * as engraved on the specimens (if any)
2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
4. **** 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

1.The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
2.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.

9283
Dr. Aqsa

**To:** Professional Construction Services Pvt. Ltd.
301-A, Block-R, Johar Town, Lahore.

**Project:** Construction of TCF School, Tunsa Sharif DG Khan

**Our Ref. No.** CL/CED/ 8067 **Dated:** 22/04/2025 **Test Specification**

**Your Ref. No.** PCS/25/Eng/147 **Dated:** 16/04/2025 ( ASTM C39 )

# COMPRESSION TEST REPORT

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

**Specimens received on:** 16/04/2025 **Tested on:** 22/04/2025 **in dry/wet condition**

| Sr. No. | Mark* | Casting Date* DD | MM | YYYY | 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Ground Floor Slab | 11 | 3 | 2025 | 6Diax12 | --- | 12.2 | 28.28 | 32 | 2535 | --- | Non Engraved |
| 2 | Ground Floor Slab | 11 | 3 | 2025 | 6Diax12 | --- | 12.6 | 28.28 | 30 | 2376 | --- | Non Engraved |
| 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/**

1. * as engraved on the specimens (if any)
2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
4. **** 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

1.The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
2.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.

9275
Dr. Aqsa

**To:** Project Manager
Guarantee Engineers Pvt. Ltd.

**Project:** Nil

**Our Ref. No.** CL/CED/ 8068 **Dated:** 22/04/2025 **Test Specification**

**Your Ref. No.** FFC/Tower/LHE/03 **Dated:** 15/04/2025 ( ASTM C39 )

# COMPRESSION TEST REPORT

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

**Specimens received on:** 15/04/2025 **Tested on:** 22/04/2025 **in dry/wet condition**

| Sr. No. | Mark* | Casting Date* DD | MM | YYYY | 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | --- | 18 | 3 | 2025 | 6Diax12 | --- | 13 | 28.28 | 31 | 2455 | --- | Non Engraved |
| 2 | --- | 22 | 3 | 2025 | 6Diax12 | --- | 13.2 | 28.28 | 36 | 2851 | --- | Non Engraved |
| 3 | --- | 27 | 3 | 2025 | 6Diax12 | --- | 12.6 | 28.28 | 30 | 2376 | --- | 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/**

1. * as engraved on the specimens (if any)
2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
4. **** 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

1.The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
2.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.

9272
Dr. Aqsa

**To:** M/S Al Nafay Business & Trading Corporation Pvt. Ltd.
Piran Ghalb Road, Multan.

**Project:** CA No. CMES - LHR - 37/2025 Const of 1 X Lav Block, 12 BR at Lhr.

**Our Ref. No.** CL/CED/ 8069 **Dated:** 22/04/2025 **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:** 15/04/2025 **Tested on:** 22/04/2025 **in dry/wet condition**

| Sr. No. | Mark* | Casting Date* DD | MM | YYYY | 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | --- | 19 | 3 | 2025 | 6Diax12 | --- | 13.6 | 28.28 | 58 | 4594 | --- | Non Engraved |
| 2 | --- | 19 | 3 | 2025 | 6Diax12 | --- | 13.8 | 28.28 | 77 | 6099 | --- | Non Engraved |
| 3 | --- | 19 | 3 | 2025 | 6Diax12 | --- | 13.6 | 28.28 | 57 | 4515 | --- | 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/**

1. * as engraved on the specimens (if any)
2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
4. **** 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

1.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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**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.

9281
Dr. Aqsa

**To:** Engr. M. Rashid
Site Engineer, Husnain Builders, Plaza 31-CCA Sector 1, DHA Rahbar Phase 11, Lahore

**Project:** LGS Bahria Town Campus Lahore

**Our Ref. No.** CL/CED/ 8070 **Dated:** 22/04/2025 **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:** 16/04/2025 **Tested on:** 22/04/2025 **in dry/wet condition**

| Sr. No. | Mark* | Casting Date* DD | MM | YYYY | 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | --- | 12 | 3 | 2025 | 6Diax12 | --- | 13 | 28.28 | 45 | 3564 | --- | Engraved |
| 2 | --- | 12 | 3 | 2025 | 6Diax12 | --- | 13.2 | 28.28 | 37 | 2931 | --- | Engraved |
| 3 | --- | 12 | 3 | 2025 | 6Diax12 | --- | 13.2 | 28.28 | 33 | 2614 | --- | 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/**

1. * as engraved on the specimens (if any)
2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
4. **** 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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**Supervisor (Lab)** **Director/Dy. Director Concrete Laboratory**

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

9277
Dr. Aqsa

**To:** Mr. Muhammad Saleem
Material Engineer, NESPAK (Pvt) Ltd. ADP WASA, Lahore.

Project: Annual Development Program-WASA (ADP 2024-25). Rainwater Management - Drainage Arrangement for Sore Point at Tikka Chowk, Lahore

Our Ref. No. CL/CED/ 8071 Dated: 22/04/2025 Test Specification

Your Ref. No. NESPAK/WASA/ADP/UGWT/ME/TIKKA Chowk/11 Dated: 10/04/2025 ( ASTM C39 )

# COMPRESSION TEST REPORT

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

Specimens received on: 15/04/2025 Tested on: 22/04/2025 in dry/wet condition

| Sr. No. | Mark* | Casting Date* DD | MM | YYYY | 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Raft (4000 Psi) | 3 | 3 | 2025 | 6Diax12 | --- | 13.6 | 28.28 | 62 | 4911 | --- | Engraved |
| 2 | Raft (4000 Psi) | 3 | 3 | 2025 | 6Diax12 | --- | 13.6 | 28.28 | 50 | 3960 | --- | Engraved |
| 3 | Raft (4000 Psi) | 3 | 3 | 2025 | 6Diax12 | --- | 13.8 | 28.28 | 57 | 4515 | --- | Engraved |
| 4 | Raft (4000 Psi) | 3 | 3 | 2025 | 6Diax12 | --- | 13.6 | 28.28 | 50 | 3960 | --- | Engraved |
| 5 | Raft (4000 Psi) | 3 | 3 | 2025 | 6Diax12 | --- | 14 | 28.28 | 58 | 4594 | --- | Engraved |
| 6 | Raft (4000 Psi) | 3 | 3 | 2025 | 6Diax12 | --- | 14 | 28.28 | 61 | 4832 | --- | Engraved |
| 7 | Raft (4000 Psi) | 3 | 3 | 2025 | 6Diax12 | --- | 13.6 | 28.28 | 58 | 4594 | --- | Engraved |
| 8 | Raft (4000 Psi) | 3 | 3 | 2025 | 6Diax12 | --- | 13.6 | 28.28 | 61 | 4832 | --- | Engraved |
| 9 | Raft (4000 Psi) | 3 | 3 | 2025 | 6Diax12 | --- | 13.6 | 28.28 | 51 | 4040 | --- | Engraved |
| 10 | Wall (4000 Psi) | 15 | 3 | 2025 | 6Diax12 | --- | 13.8 | 28.28 | 43 | 3406 | --- | Engraved |
| 11 | Wall (4000 Psi) | 15 | 3 | 2025 | 6Diax12 | --- | 14 | 28.28 | 46 | 3644 | --- | Engraved |
| 12 | Wall (4000 Psi) | 15 | 3 | 2025 | 6Diax12 | --- | 14 | 28.28 | 43 | 3406 | --- | Engraved |
| 13 | Columns (4000 Psi) | 15 | 3 | 2025 | 6Diax12 | --- | 13.6 | 28.28 | 57 | 4515 | --- | Engraved |
| 14 | Columns (4000 Psi) | 15 | 3 | 2025 | 6Diax12 | --- | 13 | 28.28 | 53 | 4198 | --- | Engraved |
| 15 | Columns (4000 Psi) | 15 | 3 | 2025 | 6Diax12 | --- | 13.6 | 28.28 | 55 | 4356 | --- | Engraved |
| 16 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

**Witnessed by:**

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Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895


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

9265
Dr. Aqsa

**To:** A.R.E
Package V, MMP-PCP, Okara. MM Pakistan (Pvt) Ltd.

**Project:** Improvement and Construction of Roads and Chowks (PCP) in Okara City.

**Our Ref. No.** CL/CED/ 8072 **Dated:** 22/04/2025 **Test Specification**

**Your Ref. No.** MMP/PCP/MCO/387/2025 **Dated:** 08/04/2025 ( ---- )

# COMPRESSION TEST REPORT

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

**Specimens received on:** 15/04/2025 **Tested on:** 22/04/2025 **in dry/wet condition**

| Sr. No. | Mark* | Casting Date* DD | MM | YYYY | 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Uni-Block, Red, 80mm | --- | --- | --- | 3.1 thick | --- | 4550 | 37.44 | 109 | 6521 | --- | --- |
| 2 | Uni-Block, Red, 80mm | --- | --- | --- | 3.1 thick | --- | 4430 | 37.44 | 105 | 6282 | --- | --- |
| 3 | Uni-Block, Red, 80mm | --- | --- | --- | 3.1 thick | --- | 4575 | 37.44 | 102 | 6103 | --- | --- |
| 4 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 5 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 6 | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 7 | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 8 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 9 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 10 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 11 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 12 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 13 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 14 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 15 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 16 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

**Witnessed by:** Mr. Waseem Ahmad Hashmi, RE PCP, Package-V Okara MMP & Mr. Muhammad Amir Naveed, Sub Engr. M.C, Okara

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**Supervisor (Lab)** **Director/Dy. Director Concrete Laboratory**