# 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.

9749
Dr. Umbreen

**To:** Mr. Ameer Hamza Anjum
SQN LDR, GE (AIR), E-6 Section, Lahore.

**Project: Construction of CSSD, Laundary & Services Area at PAF Hospital Lahore.**

**Our Ref. No. CL/CED/ 8849-1 of 2** **Dated: 09/07/2025** **Test Specification**

**Your Ref. No. 6852/06/E6** **Dated: 01/07/2025** **( ASTM C39 )**

# COMPRESSION TEST REPORT

ONLINE REPORT

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

**Specimens received on:** 04/07/2025 **Tested on:** 09/07/2025 **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) | 4 | 6 | 2025 | 6Diax12 | --- | 14 | 28.28 | 28 | 2218 | --- | Non Engraved |
| 2 | (3500 Psi) | 4 | 6 | 2025 | 6Diax12 | --- | 13 | 28.28 | 20 | 1584 | --- | Non Engraved |
| 3 | (3500 Psi) | 4 | 6 | 2025 | 6Diax12 | --- | 13 | 28.28 | 44 | 3485 | --- | Non Engraved |
| 4 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 5 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 6 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 7 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 8 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 9 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 10 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 11 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 12 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 13 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 14 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 15 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 16 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

**Witnessed by: Nil**

**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**

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**ORIGINAL**
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9749
Dr. Umbreen

**To:** Mr. Ameer Hamza Anjum
SQN LDR, GE (AIR), E-6 Section, Lahore.

**Project:** Construction of CSSD, Laundary & Services Area at PAF Hospital Lahore.

Our Ref. No. CL/CED/ 8849-2 of 2 Dated: 09/07/2025 Test Specification

Your Ref. No. 6852/06/E6 Dated: 01/07/2025 ( ---- )

# COMPRESSION TEST REPORT

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

Specimens received on: 04/07/2025 Tested on: 09/07/2025 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 | RN | --- | --- | --- | 8.8 x 4.3 x 3.2 | --- | 3530 | 37.84 | 36 | 2131 | --- | --- |
| 2 | RN | --- | --- | --- | 8.8 x 4.3 x 3 | --- | 3445 | 37.84 | 38 | 2249 | --- | --- |
| 3 | RN | --- | --- | --- | 8.8 x 4.3 x 3 | --- | 3410 | 37.84 | 37 | 2190 | --- | --- |
| 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**

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## Civil Engineering Department
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**ORIGINAL**
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9758
Dr. Umbreen

**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 Shareef Park, Lahore.

Our Ref. No. CL/CED/ 8850 Dated: 09/07/2025 Test Specification

Your Ref. No. NESPAK/WASA/ADP/UGWT/SHAREEF PARK/ME/04 Dated: 26/06/2025 ( ASTM C39 )

# COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 08/07/2025 Tested on: 09/07/2025 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) | 26 | 5 | 2025 | 6Diax12 | --- | 14 | 28.28 | 64 | 5069 | --- | Engraved |
| 2 | Raft (4000 Psi) | 26 | 5 | 2025 | 6Diax12 | --- | 14 | 28.28 | 44 | 3485 | --- | Engraved |
| 3 | Raft (4000 Psi) | 26 | 5 | 2025 | 6Diax12 | --- | 13.6 | 28.28 | 46 | 3644 | --- | Engraved |
| 4 | Raft (4000 Psi) | 26 | 5 | 2025 | 6Diax12 | --- | 13.4 | 28.28 | 60 | 4752 | --- | Engraved |
| 5 | Raft (4000 Psi) | 26 | 5 | 2025 | 6Diax12 | --- | 13.4 | 28.28 | 60 | 4752 | --- | Engraved |
| 6 | Raft (4000 Psi) | 26 | 5 | 2025 | 6Diax12 | --- | 14.4 | 28.28 | 64 | 5069 | --- | Engraved |
| 7 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 8 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 9 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 10 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 11 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 12 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 13 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 14 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 15 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 16 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

**Witnessed by: Nil**

**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**

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**ORIGINAL**
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9757
Dr. Umbreen

**To:** Mr. Hafiz Muhammad Umer
Project Manager, The Vertical (Pvt) Ltd.

**Project: (Sample Identification: Brightech)**

**Our Ref. No. CL/CED/ 8851** **Dated: 09/07/2025** **Test Specification**

**Your Ref. No. Vertical/V3/Site/17** **Dated: 21/06/2025** **( ASTM C39 )**

# COMPRESSION TEST REPORT

ONLINE REPORT

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

**Specimens received on:** 07/07/2025 **Tested on:** 09/07/2025 **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 | (6000 Psi) | 7 | 5 | 2025 | 6Diax12 | --- | 14 | 28.28 | 96 | 7604 | --- | Non Engraved |
| 2 | (6000 Psi) | 7 | 5 | 2025 | 6Diax12 | --- | 14 | 28.28 | 94 | 7446 | --- | Non Engraved |
| 3 | (6000 Psi) | 18 | 5 | 2025 | 6Diax12 | --- | 13.6 | 28.28 | 88 | 6970 | --- | Non Engraved |
| 4 | (6000 Psi) | 18 | 5 | 2025 | 6Diax12 | --- | 14 | 28.28 | 66 | 5228 | --- | Non Engraved |
| 5 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 6 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 7 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 8 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 9 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 10 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 11 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 12 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 13 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 14 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 15 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 16 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

**Witnessed by: Nil**

**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**

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

9764
Dr. Umbreen

**To:** Project Manager
Innovative ® Construction Company.

**Project: Construction of Shoring Works at Kingdom Arena. RUDA. Lahore.**

**Our Ref. No. CL/CED/ 8852** **Dated: 09/07/2025** **Test Specification**

**Your Ref. No. ICI/Ruda/** **Dated: 08/07/2025** **( ASTM C39 )**

# COMPRESSION TEST REPORT

ONLINE REPORT

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

**Specimens received on: 08/07/2025 Tested on: 09/07/2025 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 | (5000 Psi) | 5 | 6 | 2025 | 6Diax12 | --- | 13.8 | 28.28 | 74 | 5861 | --- | Non Engraved |
| 2 | (5000 Psi) | 5 | 6 | 2025 | 6Diax12 | --- | 14 | 28.28 | 84 | 6653 | --- | Non Engraved |
| 3 | (5000 Psi) | 5 | 6 | 2025 | 6Diax12 | --- | 14 | 28.28 | 82 | 6495 | --- | Non Engraved |
| 4 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 5 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 6 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 7 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 8 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 9 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 10 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 11 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 12 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 13 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 14 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 15 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 16 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

**Witnessed by: Nil**

**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**

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**ORIGINAL**
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9742
Dr. Umbreen

**To:** Mr. Waleed
Resident Engineer, GIM Developers.

**Project:** Construction of Plaza at 51 Baber Block, New Garden Town Lahore.

**Our Ref. No. CL/CED/** 8853 **Dated:** 09/07/2025 **Test Specification**

**Your Ref. No.** Nil **Dated:** Nil ( ASTM C39 )

# COMPRESSION TEST REPORT

ONLINE REPORT

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

**Specimens received on:** 03/07/2025 **Tested on:** 08/07/2025 **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 | 2nd Floor Slab (3000 Psi) | 5 | 6 | 2025 | 6Diax12 | --- | 14 | 28.28 | 68 | 5386 | --- | Non Engraved |
| 2 | 2nd Floor Slab (3000 Psi) | 5 | 6 | 2025 | 6Diax12 | --- | 14 | 28.28 | 64 | 5069 | --- | Non Engraved |
| 3 | 2nd Floor Slab (3000 Psi) | 5 | 6 | 2025 | 6Diax12 | --- | 13.6 | 28.28 | 64 | 5069 | --- | Non Engraved |
| 4 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 5 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 6 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 7 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 8 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 9 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 10 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 11 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 12 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 13 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 14 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 15 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 16 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

**Witnessed by:** Nil

**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**

# Plain and Reinforced Concrete Laboratory
## Civil Engineering Department
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**ORIGINAL**
A carbon copy for the report has been retained in the lab for record.

9723
Dr. Umbreen

**To:** Mr. M. Raza Razzaq
Site Engineer, OZ Developers (Pvt) Ltd.

**Project: Constructing a High-Rise Building " Bahria Sky" at Bahria Orchard Phase 4, Lahore.**

**Our Ref. No. CL/CED/ 8854** **Dated: 09/07/2025** **Test Specification**

**Your Ref. No. Nil** **Dated: 02/07/2025** **( ASTM C39 )**

# COMPRESSION TEST REPORT

ONLINE REPORT

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

**Specimens received on: 02/07/2025 Tested on: 08/07/2025 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 | --- | 25 | 5 | 2025 | 6Diax12 | --- | 12 | 28.28 | 24 | 1901 | --- | Non Engraved |
| 2 | --- | 25 | 5 | 2025 | 6Diax12 | --- | 13.8 | 28.28 | 54 | 4277 | --- | Non Engraved |
| 3 | --- | 25 | 5 | 2025 | 6Diax12 | --- | 13.4 | 28.28 | 54 | 4277 | --- | Non Engraved |
| 4 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 5 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 6 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 7 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 8 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 9 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 10 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 11 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 12 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 13 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 14 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 15 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 16 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

**Witnessed by: Nil**

**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
University of Engineering and Technology, Lahore. Pakistan
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**ORIGINAL**
A carbon copy for the report has been retained in the lab for record.

9746
Dr. Umbreen

**To:** Engr. M. Rashid
Site Engineer, Husnain Kareemain.

**Project: Construction of Lahore American School, Upper Mall Lahore.**

**Our Ref. No. CL/CED/ 8855** **Dated: 09/07/2025** **Test Specification**

**Your Ref. No. Nil** **Dated: Nil** **( ASTM C39 )**

# COMPRESSION TEST REPORT

ONLINE REPORT

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

**Specimens received on: 04/07/2025 Tested on: 08/07/2025 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 | --- | 5 | 6 | 2025 | 6Diax12 | --- | 13 | 28.28 | 48 | 3802 | --- | Engraved |
| 2 | --- | 5 | 6 | 2025 | 6Diax12 | --- | 13.2 | 28.28 | 72 | 5703 | --- | Engraved |
| 3 | --- | 5 | 6 | 2025 | 6Diax12 | --- | 13 | 28.28 | 64 | 5069 | --- | Engraved |
| 4 | --- | 26 | 6 | 2025 | 6Diax12 | --- | 12.2 | 28.28 | 22 | 1743 | --- | Engraved |
| 5 | --- | 27 | 6 | 2025 | 6Diax12 | --- | 11.8 | 28.28 | 10 | 792 | --- | Engraved |
| 6 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 7 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 8 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 9 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 10 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 11 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 12 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 13 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 14 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 15 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 16 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

**Witnessed by: Nil**

**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.

9753
Dr. Umbreen

**To:** Mr. Junaid Ahmed Khan
Prominent Engineering & General Services

**Project:** Construction of Munawar Heights Johar Town Lahore.

Our Ref. No. CL/CED/ 8856-1 of 2 Dated: 09/07/2025 Test Specification

Your Ref. No. Nil Dated: 07/07/2025 ( ASTM C39 )

# COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 07/07/2025 Tested on: 09/07/2025 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 | --- | 23 | 5 | 2025 | 6Diax12 | --- | 13 | 28.28 | 42 | 3327 | --- | Non Engraved |
| 2 | --- | 23 | 5 | 2025 | 6Diax12 | --- | 13 | 28.28 | 42 | 3327 | --- | Non Engraved |
| 3 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 4 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 5 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 6 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 7 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 8 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 9 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 10 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 11 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 12 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 13 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 14 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 15 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 16 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

**Witnessed by:** Nil

**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.

9753
Dr. Umbreen

**To:** Mr. Junaid Ahmed Khan
Prominent Engineering & General Services

**Project:** Construction of Munawar Heights Johar Town Lahore.

Our Ref. No. CL/CED/ 8856- 2 of 2 Dated: 09/07/2025 Test Specification

Your Ref. No. Nil Dated: 07/07/2025 ( BS 1881-116 )

# COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 07/07/2025 Tested on: 09/07/2025 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 | --- | 23 | 5 | 2025 | 6x6x6 | --- | 8 | 36 | 60 | 3733 | --- | Non Engraved |
| 2 | --- | 23 | 5 | 2025 | 6x6x6 | --- | 8 | 36 | 62 | 3858 | --- | Non Engraved |
| 3 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 4 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 5 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 6 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 7 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 8 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 9 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 10 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 11 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 12 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 13 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 14 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 15 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 16 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

**Witnessed by:** Nil

**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.

9741
Dr. Umbreen

**To:** Mr. M. Armughan Khan
Deputy Director (QCD) WASA, Lahore.

Project: Tender No. XEN (O&M-I) / RT / 2024-2025 / 84 - Provision of Water Supply and Sewerage System in Main Saggian Road from Dagia Road in Abu Bakar Road UC-01 Ravi Zone, Lahore. (M/S Ch. Muhammad Jamil)

Our Ref. No. CL/CED/ 8857 Dated: 09/07/2025 Test Specification

Your Ref. No. QCD/2974 Dated: 02/07/2025 ( BS 3921** )

# COMPRESSION TEST REPORT

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

Specimens received on: 03/07/2025 Tested on: 09/07/2025 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 | F | --- | --- | --- | 8.8 x 4.3 x 2.9 | 3165 | 2770 | 37.84 | 39 | 2309 | 14.26 | --- |
| 2 | F | --- | --- | --- | 8.8 x 4.2 x 2.9 | 3375 | 2955 | 36.96 | 40 | 2424 | 14.21 | --- |
| 3 | F | --- | --- | --- | 8.8 x 4.2 x 2.8 | 3300 | 2890 | 36.96 | 41 | 2485 | 14.19 | --- |
| 4 | F | --- | --- | --- | 8.5 x 4.1 x 2.9 | 3370 | 2965 | 34.85 | 38 | 2442 | 13.66 | --- |
| 5 | F | --- | --- | --- | 8.5 x 4.1 x 2.8 | 3160 | 2925 | 34.85 | 38 | 2442 | 8.03 | --- |
| 6 | F | --- | --- | --- | 8.9 x 4.3 x 2.9 | 3255 | 2760 | 38.27 | 36 | 2107 | 17.93 | --- |
| 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/**

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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.

9599
Dr. Umbreen

**To:** Mr. Muhammad Javed
Resident Engineer, CM-LDP NESPAK (Pvt.) Ltd. Ravi Town-I.

Project: CM LDP, Ravi Zone Lahore, ADP Scheme

Our Ref. No. CL/CED/ 8858 Dated: 09/07/2025 Test Specification

Your Ref. No. WASA/RAVI-1/RE/1679 Dated: 29/05/2025 ( BS 3921** )

# COMPRESSION TEST REPORT

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

Specimens received on: 13/06/2025 Tested on: 09/07/2025 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 | 110 | --- | --- | --- | 8.9 x 4.5 x 3.2 | 3930 | 3480 | 40.05 | 37 | 2069 | 12.93 | --- |
| 2 | 110 | --- | --- | --- | 8.8 x 4.3 x 3 | 3675 | 3245 | 37.84 | 36 | 2131 | 13.25 | --- |
| 3 | 110 | --- | --- | --- | 8.8 x 4.3 x 3.1 | 3760 | 3390 | 37.84 | 37 | 2190 | 10.91 | --- |
| 4 | 110 | --- | --- | --- | 8.9 x 4.3 x 3.1 | 3860 | 3415 | 38.27 | 39 | 2283 | 13.03 | --- |
| 5 | 110 | --- | --- | --- | 8.8 x 4.3 x 3.1 | 3785 | 3380 | 37.84 | 36 | 2131 | 11.98 | --- |
| 6 | 110 | --- | --- | --- | 8.8 x 4.3 x 3.1 | 3735 | 3320 | 37.84 | 36 | 2131 | 12.5 | --- |
| 7 | 110 | --- | --- | --- | 8.8 x 4.3 x 3 | 3680 | 3285 | 37.84 | 35 | 2072 | 12.02 | --- |
| 8 | 110 | --- | --- | --- | 8.8 x 4.3 x 2.9 | 3520 | 3100 | 37.84 | 37 | 2190 | 13.55 | --- |
| 9 | 110 | --- | --- | --- | 8.9 x 4.4 x 2.9 | 3755 | 3345 | 39.16 | 33 | 1888 | 12.26 | --- |
| 10 | 110 | --- | --- | --- | 8.6 x 4.2 x 3 | 3520 | 3100 | 36.12 | 41 | 2543 | 13.55 | --- |
| 11 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 12 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 13 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 14 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 15 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 16 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

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