# 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.

9649
Dr. Aqsa

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

**Project: (Sample Identification: Tetra)**

**Our Ref. No. CL/CED/ 8672** **Dated: 24/06/2025** **Test Specification**

**Your Ref. No. Vertical/V3/Site/14** **Dated: 18/06/2025** **( ASTM C39 )**

# COMPRESSION TEST REPORT

ONLINE REPORT

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

**Specimens received on:** 20/06/2025 **Tested on:** 24/06/2025 **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 | Shear Wall (6000 Psi) | 18 | 5 | 2025 | 6Diax12 | --- | 14 | 28.28 | 85 | 6733 | --- | Non Engraved |
| 2 | Shear Wall (6000 Psi) | 18 | 5 | 2025 | 6Diax12 | --- | 14 | 28.28 | 72 | 5703 | --- | Non Engraved |
| 3 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 4 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 5 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
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| 10 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
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| 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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9641
Dr. Aqsa

**To:** Radiant Construction Technologies LLP
Mohafiz Town, Multan Road Lahore.

**Project:** Nil

**Our Ref. No. CL/CED/** 8673 **Dated:** 24/06/2025 **Test Specification**

**Your Ref. No.** Nil **Dated:** 13/06/2025 ( ---- )

# COMPRESSION TEST REPORT

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

**Specimens received on:** 19/06/2025 **Tested on:** 23/06/2025 **in dry/wet condition**

ONLINE REPORT

| 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 | ConTile Grout | 26 | 5 | 2025 | 2x2x2 | --- | 230 | 4 | 5 | 2800 | --- | Non Engraved |
| 2 | ConTile Grout | 26 | 5 | 2025 | 2x2x2 | --- | 230 | 4 | 4 | 2240 | --- | Non Engraved |
| 3 | ConTile Grout | 26 | 5 | 2025 | 2x2x2 | --- | 240 | 4 | 4 | 2240 | --- | Non Engraved |
| 4 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 5 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 6 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
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| 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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## Civil Engineering Department
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**ORIGINAL**
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9388
Dr. Aqsa

**To:** Mr. Shahzad Munir
Resident Engineer, G3 Engineering Consultants (Pvt.) Ltd.

Project: Construction of Institute Health Science, Canteen / Cafeteria, Commercial Area, Bank and Post Office at University of Narowal Pkg-01. (Construction of I.H.S)

Our Ref. No. CL/CED/ 8674 Dated: 24/06/2025 Test Specification

Your Ref. No. G3/UON-RE/149 Dated: 06/05/2025 ( BS 3921** )

# COMPRESSION TEST REPORT

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

Specimens received on: 08/05/2025 Tested on: 24/06/2025 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 | MS | --- | --- | --- | 9 x 4.2 x 3 | 3835 | 3410 | 37.8 | 34 | 2015 | 12.46 | --- |
| 2 | MS | --- | --- | --- | 8.9 x 4.2 x 2.9 | 3755 | 3370 | 37.38 | 35 | 2097 | 11.42 | --- |
| 3 | MS | --- | --- | --- | 9 x 4.3 x 3 | 3850 | 3400 | 38.7 | 38 | 2199 | 13.24 | --- |
| 4 | MS | --- | --- | --- | 9 x 4.2 x 2.9 | 3780 | 3380 | 37.8 | 37 | 2193 | 11.83 | --- |
| 5 | MS | --- | --- | --- | 8.9 x 4.2 x 3 | 3910 | 3550 | 37.38 | 35 | 2097 | 10.14 | --- |
| 6 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 7 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 8 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 9 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
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| 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)
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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

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

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**ORIGINAL**
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9605
Dr. Aqsa

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

**Project:** Testing of Bricks Against Tender No. XEN (O&M-I) N.T / 2024-2025 / 54- Improvement of Water Supply and Sewerage System in UC-249 Nishter Zone Lahore. (M/S. Awais Asif Builder & Developer)

Our Ref. No. CL/CED/ 8675 Dated: 24/06/2025 Test Specification

Your Ref. No. QCD/2627 Dated: 11/06/2025 ( BS 3921** )

# COMPRESSION TEST REPORT

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

Specimens received on: 13/06/2025 Tested on: 24/06/2025 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 | AR | --- | --- | --- | 8.9 x 4.3 x 3 | 3530 | 3180 | 38.27 | 38 | 2224 | 11.01 | --- |
| 2 | AR | --- | --- | --- | 8.8 x 4.2 x 3 | 3550 | 3170 | 36.96 | 39 | 2364 | 11.99 | --- |
| 3 | AR | --- | --- | --- | 8.7 x 4.2 x 3 | 3620 | 3270 | 36.54 | 31 | 1900 | 10.7 | --- |
| 4 | AR | --- | --- | --- | 8.7 x 4.2 x 3 | 3685 | 3265 | 36.54 | 38 | 2330 | 12.86 | --- |
| 5 | AR | --- | --- | --- | 8.8 x 4.2 x 3 | 3670 | 3215 | 36.96 | 33 | 2000 | 14.15 | --- |
| 6 | AR | --- | --- | --- | 8.9 x 4.2 x 2.9 | 3625 | 3225 | 37.38 | 39 | 2337 | 12.4 | --- |
| 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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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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**ORIGINAL**
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9662
Dr. Asif Hameed

**To:** Engr. Haseeb Afzal
Project Manager, HMB Developers Pvt. Ltd.

Project: Construction of Commercial Tower, Finance Trade Centre Lahore. (13th Floor Slab (Pour 2) (A~F'/1~4)).

Our Ref. No. CL/CED/ 8676 Dated: 24/06/2025 **Test Specification**

Your Ref. No. HMBDPL/S.O/06/25/201 (LHR) Dated: 24/06/2025 ( ASTM C39 )

# COMPRESSION TEST REPORT

ONLINE REPORT

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

**Specimens received on:** 24/06/2025 **Tested on:** 24/06/2025 **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 | CT-207 (3500 Psi) | 27 | 5 | 2025 | 6Diax12 | --- | 14 | 28.28 | 64 | 5069 | --- | Non Engraved |
| 2 | CT-207 (3500 Psi) | 27 | 5 | 2025 | 6Diax12 | --- | 13.2 | 28.28 | 74 | 5861 | --- | Non Engraved |
| 3 | CT-207 (3500 Psi) | 27 | 5 | 2025 | 6Diax12 | --- | 13.4 | 28.28 | 66 | 5228 | --- | Non Engraved |
| 4 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 5 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 6 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
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| 9 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 10 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 11 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 12 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 13 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 14 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 15 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 16 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

**Witnessed by: Mr. Aftab Sohail, HMBD, CNIC # 33103-0209597-3**

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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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9648
Dr. Aqsa

**To:** For Pakmix
PAKMIX Ready Mix Concrete Premium

**Project:** At Raiwind Road (Mr. Javaid Sb), Ali Buliders Lahore.

**Our Ref. No. CL/CED/ 8677** **Dated:** 24/06/2025 **Test Specification**

**Your Ref. No. Nil** **Dated:** 20/06/2025 **( ASTM C39 )**

# COMPRESSION TEST REPORT

ONLINE REPORT

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

**Specimens received on:** 20/06/2025 **Tested on:** 24/06/2025 **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 Cubical) | 29 | 5 | 2025 | 6Diax12 | --- | 13.2 | 28.28 | 41 | 3248 | --- | Engraved |
| 2 | Raft (4000 Psi Cubical) | 29 | 5 | 2025 | 6Diax12 | --- | 13 | 28.28 | 57 | 4515 | --- | Engraved |
| 3 | Raft (4000 Psi Cubical) | 29 | 5 | 2025 | 6Diax12 | --- | 13 | 28.28 | 47 | 3723 | --- | Engraved |
| 4 | Raft (4000 Psi Cubical) | 29 | 5 | 2025 | 6Diax12 | --- | 13 | 28.28 | 61 | 4832 | --- | Engraved |
| 5 | Raft (4000 Psi Cubical) | 29 | 5 | 2025 | 6Diax12 | --- | 13.2 | 28.28 | 54 | 4277 | --- | Engraved |
| 6 | Raft (4000 Psi Cubical) | 29 | 5 | 2025 | 6Diax12 | --- | 13.2 | 28.28 | 64 | 5069 | --- | Engraved |
| 7 | Raft (4000 Psi Cubical) | 30 | 5 | 2025 | 6Diax12 | --- | 12.8 | 28.28 | 52 | 4119 | --- | Engraved |
| 8 | Raft (4000 Psi Cubical) | 30 | 5 | 2025 | 6Diax12 | --- | 13 | 28.28 | 51 | 4040 | --- | Engraved |
| 9 | Raft (4000 Psi Cubical) | 30 | 5 | 2025 | 6Diax12 | --- | 13.4 | 28.28 | 56 | 4436 | --- | Engraved |
| 10 | Raft (4000 Psi Cubical) | 30 | 5 | 2025 | 6Diax12 | --- | 13.4 | 28.28 | 57 | 4515 | --- | Engraved |
| 11 | Raft (4000 Psi Cubical) | 30 | 5 | 2025 | 6Diax12 | --- | 13 | 28.28 | 54 | 4277 | --- | Engraved |
| 12 | Raft (4000 Psi Cubical) | 30 | 5 | 2025 | 6Diax12 | --- | 13 | 28.28 | 58 | 4594 | --- | Engraved |
| 13 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 14 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 15 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 16 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

**Witnessed by: Nil**

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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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9639
Dr. Aqsa

**To:** Precision Polymers (Pvt) Ltd.
15 Km Multan Road Lahore.

**Project:** Nil

**Our Ref. No.** CL/CED/ 8678 **Dated:** 24/06/2025 **Test Specification**

**Your Ref. No.** PPPL/002/UET/2025 **Dated:** 19/06/2025 ( ---- )

# COMPRESSION TEST REPORT

ONLINE REPORT

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

**Specimens received on:** 19/06/2025 **Tested on:** 24/06/2025 **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 | Heat Resistant Tuff Tile | --- | --- | --- | 8.0x4.0x1.0 | --- | 1175 | 32 | 89 | 6230 | --- | --- |
| 2 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 3 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 4 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
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| 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/**

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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**
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9595
Dr. Aqsa

**To:** Site Incharge
M/s Eastern Housing, Lahore.

Project: MAS House Gulberg, Lahore.

Our Ref. No. CL/CED/ 8679 Dated: 24/06/2025 Test Specification

Your Ref. No. Nil Dated: 12/06/2025 ( ASTM C39 )

# COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 13/06/2025 Tested on: 24/06/2025 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 | L.S Cement & Chenab Sand | 9 | 5 | 2025 | 6Diax12 | --- | 13 | 28.28 | 26 | 2059 | --- | Engraved |
| 2 | L.S Cement & Chenab Sand | 9 | 5 | 2025 | 6Diax12 | --- | 13.2 | 28.28 | 27 | 2139 | --- | Engraved |
| 3 | L.S Cement & Ravi Sand | 10 | 5 | 2025 | 6Diax12 | --- | 13.2 | 28.28 | 22 | 1743 | --- | Engraved |
| 4 | L.S Cement & Ravi Sand | 10 | 5 | 2025 | 6Diax12 | --- | 13 | 28.28 | 25 | 1980 | --- | 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**

# 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.

9611
Dr. Aqsa

**To:** Syed Mubashar Hassan Naqvi
Resident Engineer, Highways and Transportation Engineering Division. NESPAK (Pvt) Ltd. RAVI ZON

Project: Rehabilitation / Improvement of Roads Sadaat Colony, Ali Pura, Sanatha Park, Mian Park, Aleem Colony, Hanif Park & Muhammadia Colony UC 18 Ravi Zone Lahore.

Our Ref. No. CL/CED/ 8680 Dated: 24/06/2025 Test Specification

Your Ref. No. 4084/103/LDP/Ravi/04/571 Dated: 10/06/2025 ( ASTM C39 )

# COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 16/06/2025 Tested on: 24/06/2025 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 | --- | 10 | 6 | 2025 | 6Diax12 | --- | 12.2 | 28.28 | 49 | 3881 | --- | Non Engraved |
| 2 | --- | 10 | 6 | 2025 | 6Diax12 | --- | 11.4 | 28.28 | 22 | 1743 | --- | Non Engraved |
| 3 | --- | 10 | 6 | 2025 | 6Diax12 | --- | 11.8 | 28.28 | 45 | 3564 | --- | 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**

# 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.

9644
Dr. Aqsa

**To:** Resident Engineer
Metroplan-Asian JV, Site Office, NSICTR, Phase-1, Pkg (B&C)

Project: Establishment of Nawaz Sharif Institute of Cancer Treatment & Research, Lahore Phase-1 (Package-B). (Shear Walls at Ground Floor (8 ft Height) # 4, 7 & 8))

Our Ref. No. CL/CED/ 8681 Dated: 24/06/2025 Test Specification

Your Ref. No. Metroplan-Asian (JV)/NSICTR/RE-B&C/B/308 Dated: 19/06/2025 ( ASTM C39 )

# COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 20/06/2025 Tested on: 24/06/2025 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 # 123 (5000 Psi) | 20 | 5 | 2025 | 6Diax12 | --- | 14 | 28.28 | 90 | 7129 | --- | Non Engraved |
| 2 | Lab # 123 (5000 Psi) | 20 | 5 | 2025 | 6Diax12 | --- | 14 | 28.28 | 103 | 8158 | --- | Non Engraved |
| 3 | Lab # 123 (5000 Psi) | 20 | 5 | 2025 | 6Diax12 | --- | 14 | 28.28 | 89 | 7050 | --- | 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**

# 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.

9644
Dr. Aqsa

**To:** Resident Engineer
Metroplan-Asian JV, Site Office, NSICTR, Phase-1, Pkg (B&C)

Project: Establishment of Nawaz Sharif Institute of Cancer Treatment & Research, Lahore Phase-1 (Package-B). (Basement 1 Slab; A-D/6-8)

Our Ref. No. CL/CED/ 8682 Dated: 24/06/2025 Test Specification

Your Ref. No. Metroplan-Asian (JV)/NSICTR/RE-B&C/B/307 Dated: 19/06/2025 ( ASTM C39 )

# COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 20/06/2025 Tested on: 24/06/2025 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 # 121 (4000 Psi) | 18 | 5 | 2025 | 6Diax12 | --- | 14 | 28.28 | 66 | 5228 | --- | Non Engraved |
| 2 | Lab # 121 (4000 Psi) | 18 | 5 | 2025 | 6Diax12 | --- | 14 | 28.28 | 68 | 5386 | --- | Non Engraved |
| 3 | Lab # 121 (4000 Psi) | 18 | 5 | 2025 | 6Diax12 | --- | 14 | 28.28 | 67 | 5307 | --- | 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**

# 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.

9645
Dr. Aqsa

**To:** Project Manager
M. Saleem Construction Company, Engineers & Contractors, Lahore Road, Sheikhupura.

**Project: ARSLAN FEED MILL AT PATTOKI. (Construction Work of Silo 1)**

**Our Ref. No. CL/CED/ 8683** **Dated: 24/06/2025** **Test Specification**

**Your Ref. No. Nil** **Dated: 17/06/2025** **( BS 1881-116 )**

# COMPRESSION TEST REPORT

ONLINE REPORT

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

**Specimens received on: 20/06/2025 Tested on: 24/06/2025 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), (1:2:4) | 12 | 5 | 2025 | 6x6x6 | --- | 8.8 | 36 | 134 | 8338 | --- | Non Engraved |
| 2 | (3000 Psi), (1:2:4) | 12 | 5 | 2025 | 6x6x6 | --- | 8.4 | 36 | 70 | 4356 | --- | Non Engraved |
| 3 | (3000 Psi), (1:2:4) | 12 | 5 | 2025 | 6x6x6 | --- | 8.6 | 36 | 68 | 4231 | --- | 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**

# 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.

9645
Dr. Aqsa

**To:** Project Manager
M. Saleem Construction Company, Engineers & Contractors, Lahore Road, Sheikhupura.

**Project: ARSLAN FEED MILL AT PATTOKI. (Construction Work of Silo 2)**

**Our Ref. No. CL/CED/ 8684** **Dated: 24/06/2025** **Test Specification**

**Your Ref. No. Nil** **Dated: 17/06/2025** **( BS 1881-116 )**

# COMPRESSION TEST REPORT

ONLINE REPORT

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

**Specimens received on: 20/06/2025 Tested on: 24/06/2025 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), (1:2:4) | 15 | 5 | 2025 | 6x6x6 | --- | 8.8 | 36 | 67 | 4169 | --- | Non Engraved |
| 2 | (3000 Psi), (1:2:4) | 15 | 5 | 2025 | 6x6x6 | --- | 9 | 36 | 67 | 4169 | --- | Non Engraved |
| 3 | (3000 Psi), (1:2:4) | 15 | 5 | 2025 | 6x6x6 | --- | 9 | 36 | 69 | 4293 | --- | 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**

# 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.

9645
Dr. Aqsa

**To:** Project Manager
M. Saleem Construction Company, Engineers & Contractors, Lahore Road, Sheikhupura.

**Project: ARSLAN FEED MILL AT PATTOKI. (Construction Work of Silo 3)**

**Our Ref. No. CL/CED/ 8685** **Dated: 24/06/2025** **Test Specification**

**Your Ref. No. Nil** **Dated: 17/06/2025** **( BS 1881-116 )**

# COMPRESSION TEST REPORT

ONLINE REPORT

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

**Specimens received on: 20/06/2025 Tested on: 24/06/2025 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), (1:2:4) | 17 | 5 | 2025 | 6x6x6 | --- | 8.2 | 36 | 65 | 4044 | --- | Non Engraved |
| 2 | (3000 Psi), (1:2:4) | 17 | 5 | 2025 | 6x6x6 | --- | 8.2 | 36 | 67 | 4169 | --- | Non Engraved |
| 3 | (3000 Psi), (1:2:4) | 17 | 5 | 2025 | 6x6x6 | --- | 9 | 36 | 69 | 4293 | --- | 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**

# 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.

9645
Dr. Aqsa

**To:** Project Manager
M. Saleem Construction Company, Engineers & Contractors, Lahore Road, Sheikhupura.

**Project: ARSLAN FEED MILL AT PATTOKI. (Construction Work of Silo 4)**

**Our Ref. No. CL/CED/ 8686** **Dated: 24/06/2025** **Test Specification**

**Your Ref. No. Nil** **Dated: 17/06/2025** **( BS 1881-116 )**

# COMPRESSION TEST REPORT

ONLINE REPORT

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

**Specimens received on: 20/06/2025 Tested on: 24/06/2025 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), (1:2:4) | 21 | 5 | 2025 | 6x6x6 | --- | 9 | 36 | 74 | 4604 | --- | Non Engraved |
| 2 | (3000 Psi), (1:2:4) | 21 | 5 | 2025 | 6x6x6 | --- | 9 | 36 | 67 | 4169 | --- | Non Engraved |
| 3 | (3000 Psi), (1:2:4) | 21 | 5 | 2025 | 6x6x6 | --- | 8.8 | 36 | 69 | 4293 | --- | 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**

# 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.

9584
Dr. Aqsa

**To:** Resident Engineer
Third Party Monitoring & Evaluation of M &R Works in Irrigation Department. NESPAK (Pvt) Ltd.

**Project: Strengthening and Raising of Musharaf Flood Bund from RD 0+000 to 61+500.**

**Our Ref. No. CL/CED/ 8687** **Dated: 24/06/2025** **Test Specification**

**Your Ref. No. 4688/13/MAB/03/52** **Dated: 21/04/2025** **( BS 3921** )**

# COMPRESSION TEST REPORT

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

**Specimens received on:** 05/06/2025 **Tested on:** 24/06/2025 **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 | PAK | --- | --- | --- | 8.9 x 4.3 x 2.9 | 3785 | 3340 | 38.27 | 38 | 2224 | 13.32 | --- |
| 2 | PAK | --- | --- | --- | 8.8 x 4.3 x 3 | 3730 | 3350 | 37.84 | 38 | 2249 | 11.34 | --- |
| 3 | PAK | --- | --- | --- | 8.9 x 4.2 x 2.9 | 3790 | 3270 | 37.38 | 39 | 2337 | 15.9 | --- |
| 4 | PAK | --- | --- | --- | 8.9 x 4.3 x 3 | 3715 | 3290 | 38.27 | 34 | 1990 | 12.92 | --- |
| 5 | PAK | --- | --- | --- | 8.9 x 4.3 x 3 | 3655 | 3340 | 38.27 | 38 | 2224 | 9.43 | --- |
| 6 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 7 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 8 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 9 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 10 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 11 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 12 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 13 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 14 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 15 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 16 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

**Witnessed by:**

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

9519
Dr. Aqsa

**To:** Mr. Ali Hamza
Ahmad Associates, New Garden Town, Lahore.

**Project:** Project Descon 18-Km - Ferozpur Road, Lahore.

**Our Ref. No. CL/CED/ 8688** **Dated:** 24/06/2025 **Test Specification**

**Your Ref. No. IAA-131442** **Dated:** 27/05/2025 **( ---- )**

# COMPRESSION TEST REPORT

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

**Specimens received on:** 27/05/2025 **Tested on:** 24/06/2025 **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 | S | --- | --- | --- | 8.8 x 4.3 x 3 | 3995 | 3580 | 37.84 | 36 | 2131 | 11.59 | --- |
| 2 | S | --- | --- | --- | 8.8 x 4.3 x 3 | 3935 | 3530 | 37.84 | 38 | 2249 | 11.47 | --- |
| 3 | S | --- | --- | --- | 8.6 x 4.3 x 3 | 3820 | 3425 | 36.98 | 38 | 2302 | 11.53 | --- |
| 4 | S | --- | --- | --- | 8.8 x 4.3 x 3 | 3935 | 3540 | 37.84 | 36 | 2131 | 11.16 | --- |
| 5 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 6 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 7 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 8 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 9 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 10 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 11 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 12 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 13 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 14 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 15 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 16 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

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