# 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.

1720
Dr. M. Yousaf

**To:** Mr. M. Shahbaz
M/s Imperium Hospitality (Pvt.) Ltd. Lahore.

**Project:** Nil

**Our Ref. No.** CL/CED/ 4671 **Dated:** 16-08-21

**Your Ref. No.** IHPL/Con/360 **Dated:** 03-08-21

**Test Specification** ( ASTM C39 )

# COMPRESSION TEST REPORT

ONLINE REPORT

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

**Specimens received on:** 09-08-2021. **Tested on:** 13-08-21 **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(8000) Psi | 10 | 7 | 2021 | 6Diax12 | --- | 14.2 | 28.28 | 98 | 7762 | --- | Non Engraved |
| 2 | 11(8000) Psi | 10 | 7 | 2021 | 6Diax12 | --- | 14 | 28.28 | 100 | 7921 | --- | Non Engraved |
| 3 | 12(8000) Psi | 10 | 7 | 2021 | 6Diax12 | --- | 14 | 28.28 | 86 | 6812 | --- | Non Engraved |
| 4 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 5 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 6 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 7 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 8 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 9 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 10 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 11 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 12 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 13 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 14 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 15 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 16 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

**Witnessed by:** Rafi Ullah 34501-6261679-5

**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 comprerssive 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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**1719**
**Dr. Umbreen**

**To:** **M. Saleem (GM)**
**M/s Professioinal Construction Services (Pvt.) Ltd. Lahore.**

**Project: Construction of Khalil & Naushaba' House Aitchsion College**

**Our Ref. No. CL/CED/ 4712** **Dated:** **20-08-21** **Test Specification**

**Your Ref. No. PCS/21/Eng-82** **Dated:** **10-08-21** **( ASTM C39 )**

# COMPRESSION TEST REPORT

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

**Specimens received on:** 10-08-2021. **Tested on:** 17-08-21 **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 | Columns (1:1.5:3) | 24 | 6 | 2021 | 6Diax12 | --- | 13.2 | 28.28 | 45 | 3564 | --- | Non Engraved |
| 2 | Columns (1:1.5:3) | 24 | 6 | 2021 | 6Diax12 | --- | 13.4 | 28.28 | 61 | 4832 | --- | 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**

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**1719**
**Dr. Umbreen**

**To:** **M. Saleem (GM)**
**M/s Professioinal Construction Services (Pvt.) Ltd. Lahore.**

**Project: Construction of Khalil & Naushaba' House Aitchsion College**

**Our Ref. No. CL/CED/ 4713** **Dated:** **20-08-21** **Test Specification**

**Your Ref. No.** **PCS/21/Eng-83** **Dated:** **10-08-21** **( ASTM C39 )**

# COMPRESSION TEST REPORT

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

**Specimens received on:** 10-08-2021. **Tested on:** 17-08-21 **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 | Columns (1:1.5:3) | 11 | 7 | 2021 | 6Diax12 | --- | 14 | 28.28 | 53 | 4198 | --- | Non Engraved |
| 2 | Columns (1:1.5:3) | 11 | 7 | 2021 | 6Diax12 | --- | 13.6 | 28.28 | 49 | 3881 | --- | 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**

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


**ORIGINAL**
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**1726**
**Dr. Umbreen**

**To:** **Mr. Abdul Qadir Ali**
**71-A Block Fateh Gar, Lahore.**

**Project: Nil**

**Our Ref. No. CL/CED/ 4714** **Dated: 20-08-21** **Test Specification**

**Your Ref. No. Nil** **Dated: 10-08-21** **( ASTM C39 )**

# COMPRESSION TEST REPORT

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

**Specimens received on:** 10-08-2021. **Tested on:** 17-08-21 **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 | Raft | 12 | 7 | 2021 | 6Diax12 | --- | 14 | 28.28 | 31 | 2455 | --- | Non Engraved |
| 2 | Raft | 12 | 7 | 2021 | 6Diax12 | --- | 14 | 28.28 | 34 | 2693 | --- | Non Engraved |
| 3 | Raft | 12 | 7 | 2021 | 6Diax12 | --- | 13 | 28.28 | 37 | 2931 | --- | Non Engraved |
| 4 | Raft | 12 | 7 | 2021 | 6Diax12 | --- | 13.4 | 28.28 | 37 | 2931 | --- | Non Engraved |
| 5 | Raft | 12 | 7 | 2021 | 6Diax12 | --- | 13.5 | 28.28 | 37 | 2931 | --- | Non Engraved |
| 6 | Raft | 12 | 7 | 2021 | 6Diax12 | --- | 14 | 28.28 | 35 | 2772 | --- | Non Engraved |
| 7 | Raft | 12 | 7 | 2021 | 6Diax12 | --- | 14 | 28.28 | 41 | 3248 | --- | Non Engraved |
| 8 | Raft | 12 | 7 | 2021 | 6Diax12 | --- | 12.4 | 28.28 | 31 | 2455 | --- | Non Engraved |
| 9 | Raft | 12 | 7 | 2021 | 6Diax12 | --- | 13.2 | 28.28 | 19 | 1505 | --- | Non Engraved |
| 10 | Raft | 12 | 7 | 2021 | 6Diax12 | --- | 13.4 | 28.28 | 23 | 1822 | --- | Non Engraved |
| 11 | Raft | 12 | 7 | 2021 | 6Diax12 | --- | 13.6 | 28.28 | 21 | 1663 | --- | Non Engraved |
| 12 | Raft | 12 | 7 | 2021 | 6Diax12 | --- | 13.5 | 28.28 | 31 | 2455 | --- | Non Engraved |
| 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
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**ORIGINAL**
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1738
Dr. Umbreen

**To:** Mr. Hafiz Ozair Ahmed (Deputy Director Q.C.D)
WASA, LDA, Lahore.

Project: Tender No. XEN (O&M)/GT/2020-21/296/Completion of Construction Work at the Building in Green Town SUb Division WASA, L.D.A Lahore.(Part-A)(M/s Stallion Construction Pvt. Ltd).

Our Ref. No. CL/CED/ 4715 Dated: 20-08-21 **Test Specification**

Your Ref. No. No.QCD/1062-63 Dated: 05-08-21 ( ASTM C39 )

# COMPRESSION TEST REPORT

ONLINE REPORT

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

**Specimens received on:** 12-08-2021. **Tested on:** 17-08-21 **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 | 6 | 2021 | 6Diax12 | --- | 13 | 28.28 | 73 | 5782 | --- | Non Engraved |
| 2 | --- | 25 | 6 | 2021 | 6Diax12 | --- | 14 | 28.28 | 92 | 7287 | --- | Non Engraved |
| 3 | --- | 25 | 6 | 2021 | 6Diax12 | --- | 13 | 28.28 | 94 | 7446 | --- | Non Engraved |
| 4 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 5 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 6 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 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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Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895


**ORIGINAL**
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1701
Dr. Umbreen

**To:** M/s M. Siddique Sons Building Contractor (Pvt.) Ltd.
Lahore.

**Project:** Location 113/4-M Quaid e Azam Industrial Estate, Lahore.

**Our Ref. No.** CL/CED/ 4716 **Dated:** 20-08-21 **Test Specification**

**Your Ref. No.** Nil **Dated:** 09-08-21 ( ASTM C39 )

# COMPRESSION TEST REPORT

ONLINE REPORT

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

**Specimens received on:** 09-08-2021. **Tested on:** 17-08-21 **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 | G.Floor Columns (4000)Psi | 13 | 7 | 2021 | 6Diax12 | --- | 14 | 28.28 | 79 | 6257 | --- | Engraved |
| 2 | G.Floor Columns (4000)Psi | 13 | 7 | 2021 | 6Diax12 | --- | 13.6 | 28.28 | 73 | 5782 | --- | Engraved |
| 3 | G.Floor Columns (4000)Psi | 13 | 7 | 2021 | 6Diax12 | --- | 13.5 | 28.28 | 67 | 5307 | --- | Engraved |
| 4 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 5 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 6 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 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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**ORIGINAL**
A carbon copy for the report has been retained in the lab for record.

**1701**
**Dr. Umbreen**

**To:** **M/s M. Siddique Sons Building Contractor (Pvt.) Ltd.**
**Lahore.**

**Project: Location 113/4-M Quaid e Azam Industrial Estate, Lahore.**

**Our Ref. No. CL/CED/ 4717** **Dated: 20-08-21** **Test Specification**

**Your Ref. No. Nil** **Dated: 09-08-21** **( ASTM C39 )**

# COMPRESSION TEST REPORT

ONLINE REPORT

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

**Specimens received on:** 09-08-2021. **Tested on:** 17-08-21 **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 Lifts (3000)Psi | 15 | 7 | 2021 | 6Diax12 | --- | 13.2 | 28.28 | 33 | 2614 | --- | Engraved |
| 2 | Ground Floor Lifts (3000)Psi | 15 | 7 | 2021 | 6Diax12 | --- | 13.2 | 28.28 | 25 | 1980 | --- | Engraved |
| 3 | Ground Floor Lifts (3000)Psi | 15 | 7 | 2021 | 6Diax12 | --- | 13.2 | 28.28 | 35 | 2772 | --- | Engraved |
| 4 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 5 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 6 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 7 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
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| 9 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 10 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
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| 14 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
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**Supervisor (Lab)** **Director/Dy. Director Concrete Laboratory**

# Plain and Reinforced Concrete Laboratory
## Civil Engineering Department
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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.

**1697**
**Dr. Umbreen**

**To:** **Engr. Asif Jah (Executive Engineer Tamirat)**
**M/s Anjuman Himayat-I-Islam, Lahore. (M/s Ch. Maqsood Ahmed)**

**Project: Construction of Charity Plaza AHI, Lahore.**

**Our Ref. No. CL/CED/ 4718** **Dated: 20-08-21** **Test Specification**

**Your Ref. No. AHI/TM:1188** **Dated: 03-08-21** **( ASTM C39 )**

# COMPRESSION TEST REPORT

ONLINE REPORT

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

**Specimens received on:** 06-08-2021. **Tested on:** 17-08-21 **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 | Retaining Wall (1:1.5:3) | 2 | 7 | 2021 | 6Diax12 | --- | 13 | 28.28 | 61 | 4832 | --- | Non Engraved |
| 2 | Retaining Wall (1:1.5:3) | 2 | 7 | 2021 | 6Diax12 | --- | 13 | 28.28 | 63 | 4990 | --- | 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 comprerssive 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.

**1697**
**Dr. Umbreen**

**To:** **Engr. Asif Jah (Executive Engineer Tamirat)**
**M/s Anjuman Himayat-I-Islam, Lahore. (M/s Ch. Maqsood Ahmed)**

**Project: Construction of Charity Plaza AHI, Lahore.**

**Our Ref. No. CL/CED/ 4719** **Dated: 20-08-21** **Test Specification**

**Your Ref. No. AHI/TM:1196** **Dated: 26-08-21** **( ASTM C39 )**

# COMPRESSION TEST REPORT

ONLINE REPORT

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

**Specimens received on:** 06-08-2021. **Tested on:** 17-08-21 **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 | Columns (1:1:2) | 2 | 7 | 2021 | 6Diax12 | --- | 13 | 28.28 | 61 | 4832 | --- | Non Engraved |
| 2 | Columns (1:1:2) | 2 | 7 | 2021 | 6Diax12 | --- | 13 | 28.28 | 45 | 3564 | --- | Non Engraved |
| 3 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 4 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 5 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 6 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 7 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 8 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 9 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 10 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 11 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 12 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 13 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 14 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 15 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 16 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

**Witnessed by:**

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


**ORIGINAL**
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**1697**
**Dr. Umbreen**

**To:** **Engr. Asif Jah (Executive Engineer Tamirat)**
**M/s Anjuman Himayat-I-Islam, Lahore. (M/s Ch. Maqsood Ahmed)**

**Project: Construction of Charity Plaza AHI, Lahore.**

**Our Ref. No. CL/CED/ 4720** **Dated: 20-08-21** **Test Specification**

**Your Ref. No. AHI/TM:1196** **Dated: 26-08-21** **( ASTM C39 )**

# COMPRESSION TEST REPORT

ONLINE REPORT

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

**Specimens received on:** 06-08-2021. **Tested on:** 17-08-21 **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 (1:2:4) | 7 | 6 | 2021 | 6Diax12 | --- | 13.4 | 28.28 | 39 | 3089 | --- | Non Engraved |
| 2 | Raft (1:2:4) | 7 | 6 | 2021 | 6Diax12 | --- | 13.2 | 28.28 | 47 | 3723 | --- | 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 comprerssive 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.

**1707**
**Dr. Umbreen**

**To:** **Mr.M. Shahbaz Iqbal**
**M/s BPS (Pvt.) Ltd. Lahore.**

**Project: Construction of Alpha Homes, Lahore.**

**Our Ref. No. CL/CED/ 4721** **Dated: 20-08-21** **Test Specification**

**Your Ref. No. Nil** **Dated: 09-08-21** **( ASTM C39 )**

# COMPRESSION TEST REPORT

ONLINE REPORT

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

**Specimens received on:** 09-08-2021. **Tested on:** 17-08-21 **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 | Slab+17-00 AD 31 to 37 | 31 | 7 | 2021 | 6Diax12 | --- | 14 | 28.28 | 43 | 3406 | --- | Non Engraved |
| 2 | Slab+17-00 AD 31 to 37 | 31 | 7 | 2021 | 6Diax12 | --- | 14 | 28.28 | 45 | 3564 | --- | Non Engraved |
| 3 | Slab+17-00 AD 31 to 37 | 31 | 7 | 2021 | 6Diax12 | --- | 14 | 28.28 | 45 | 3564 | --- | 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**
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**1707**
**Dr. Umbreen**

**To:** **Mr.M. Shahbaz Iqbal**
**M/s BPS (Pvt.) Ltd. Lahore.**

**Project: Construction of Alpha Homes, Lahore.**

**Our Ref. No. CL/CED/ 4722** **Dated: 20-08-21** **Test Specification**

**Your Ref. No. Nil** **Dated: 09-08-21** **( ASTM C39 )**

# COMPRESSION TEST REPORT

ONLINE REPORT

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

**Specimens received on:** 09-08-2021. **Tested on:** 17-08-21 **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 | Slab+5-00 A to D (40 to 44) | 7 | 7 | 2021 | 6Diax12 | --- | 13.2 | 28.28 | 47 | 3723 | --- | Non Engraved |
| 2 | Slab+5-00 A to D (40 to 44) | 7 | 7 | 2021 | 6Diax12 | --- | 13.2 | 28.28 | 51 | 4040 | --- | Non Engraved |
| 3 | Slab+5-00 A to D (40 to 44) | 7 | 7 | 2021 | 6Diax12 | --- | 15 | 28.28 | 59 | 4673 | --- | Non Engraved |
| 4 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 5 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 6 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 7 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 8 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 9 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 10 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 11 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 12 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 13 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 14 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 15 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 16 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

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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**

# 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.

**1710**
**Dr. Umbreen**

**To:** Engr. Amir Siddique (Project Engineer)
M/s Design Matrix (Pvt.) Ltd. Lahore.

**Project:** Nil

**Our Ref. No.** CL/CED/ 4723 **Dated:** 20-08-21

**Your Ref. No.** Nil **Dated:** 09-08-21

**Test Specification**
**( ASTM C39 )**

# COMPRESSION TEST REPORT

ONLINE REPORT

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

**Specimens received on:** 09-08-2021. **Tested on:** 17-08-21 **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 | 4 | 7 | 2021 | 6Diax12 | --- | 14 | 28.28 | 65 | 5149 | --- | Non Engraved |
| 2 | (6000) Psi | 4 | 7 | 2021 | 6Diax12 | --- | 14.2 | 28.28 | 57 | 4515 | --- | Non Engraved |
| 3 | (6000) Psi | 4 | 7 | 2021 | 6Diax12 | --- | 14.2 | 28.28 | 61 | 4832 | --- | Non Engraved |
| 4 | (4000) Psi | 8 | 7 | 2021 | 6Diax12 | --- | 13.5 | 28.28 | 39 | 3089 | --- | Non Engraved |
| 5 | (4000) Psi | 8 | 7 | 2021 | 6Diax12 | --- | 13.4 | 28.28 | 55 | 4356 | --- | Non Engraved |
| 6 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 7 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 8 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 9 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 10 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 11 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 12 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 13 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 14 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 15 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 16 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

**Witnessed by:**

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1. * as engraved on the specimens (if any)
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**

# Plain and Reinforced Concrete Laboratory
## Civil Engineering Department
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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.

1677
Dr. Umbreen

**To:** Mr.M.Shoaib (Project Manager)
M/s Gurmani Foundation

**Project: Construction of College at Thatha Gurmani**

**Our Ref. No. CL/CED/ 4724** **Dated: 20-08-21** **Test Specification**

**Your Ref. No. Nil** **Dated: 04-08-21** **( ASTM C39 )**

# COMPRESSION TEST REPORT

ONLINE REPORT

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

**Specimens received on:** 04-08-2021. **Tested on:** 17-08-21 **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 | --- | 17 | 6 | 2021 | 6Diax12 | --- | 13.6 | 28.28 | 86 | 6812 | --- | Non Engraved |
| 2 | --- | 17 | 6 | 2021 | 6Diax12 | --- | 13.8 | 28.28 | 88 | 6970 | --- | Non Engraved |
| 3 | --- | 17 | 6 | 2021 | 6Diax12 | --- | 13.5 | 28.28 | 81 | 6416 | --- | Non Engraved |
| 4 | --- | 17 | 6 | 2021 | 6Diax12 | --- | 13.2 | 28.28 | 63 | 4990 | --- | Non Engraved |
| 5 | --- | 23 | 6 | 2021 | 6Diax12 | --- | 13.6 | 28.28 | 59 | 4673 | --- | Non Engraved |
| 6 | --- | 23 | 6 | 2021 | 6Diax12 | --- | 13.6 | 28.28 | 77 | 6099 | --- | Non Engraved |
| 7 | --- | 23 | 6 | 2021 | 6Diax12 | --- | 13.6 | 28.28 | 81 | 6416 | --- | Non Engraved |
| 8 | --- | 22 | 6 | 2021 | 6Diax12 | --- | 13.8 | 28.28 | 92 | 7287 | --- | Non Engraved |
| 9 | --- | 22 | 6 | 2021 | 6Diax12 | --- | 14 | 28.28 | 86 | 6812 | --- | Non Engraved |
| 10 | --- | 22 | 6 | 2021 | 6Diax12 | --- | 14 | 28.28 | 94 | 7446 | --- | Non Engraved |
| 11 | --- | 1 | 7 | 2021 | 6Diax12 | --- | 13.2 | 28.28 | 63 | 4990 | --- | Non Engraved |
| 12 | --- | 1 | 7 | 2021 | 6Diax12 | --- | 13 | 28.28 | 35 | 2772 | --- | Non Engraved |
| 13 | --- | 1 | 7 | 2021 | 6Diax12 | --- | 13.5 | 28.28 | 45 | 3564 | --- | Non Engraved |
| 14 | --- | 19 | 6 | 2021 | 6Diax12 | --- | 13.4 | 28.28 | 75 | 5941 | --- | Non Engraved |
| 15 | --- | 19 | 6 | 2021 | 6Diax12 | --- | 13.4 | 28.28 | 63 | 4990 | --- | Non Engraved |
| 16 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

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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.

1718
Dr. Umbreen

**To:** Sub Divisional Officer (Buildings)
Sub Division Ferozwala.

**Project:** Construction of Judicial Academy at Lahore Kala Shah Kaku, Lahore, (ADP 3271/2020-21)Phase-II Group-2 Residence 11 to 14 3rd Floor Slab A

Our Ref. No. CL/CED/ 4725 Dated: 20-08-21 Test Specification

Your Ref. No. No.1071/F Dated: 10-08-21 ( BS 1881-116 )

# COMPRESSION TEST REPORT

ONLINE REPORT

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

**Specimens received on:** 10-08-2021. **Tested on:** 17-08-21 **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 | RCC Roof (1:2:4) | 29 | 5 | 2021 | 6x6x6 | --- | 9 | 36 | 94 | 5849 | --- | Non Engraved |
| 2 | RCC Roof (1:2:4) | 29 | 5 | 2021 | 6x6x6 | --- | 9 | 36 | 75 | 4667 | --- | Non Engraved |
| 3 | RCC Roof (1:2:4) | 29 | 5 | 2021 | 6x6x6 | --- | 9 | 36 | 79 | 4916 | --- | 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 comprerssive 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.

1718
Dr. Umbreen

**To:** Sub Divisional Officer (Buildings)
Sub Division Ferozwala.

**Project:** Construction of Judicial Academy at Lahore Kala Shah Kaku, Lahore, (ADP 3271/2020-21)Phase-II Group-2 Residence 11 to 14 3rd Floor Slab B

Our Ref. No. CL/CED/ 4726 Dated: 20-08-21 Test Specification

Your Ref. No. No.1072/F Dated: 10-08-21 ( BS 1881-116 )

# COMPRESSION TEST REPORT

ONLINE REPORT

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

**Specimens received on:** 04-08-2021. **Tested on:** 17-08-21 **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 | RCC Roof Slab (1:2:4) | 2 | 6 | 2021 | 6x6x6 | --- | 9 | 36 | 69 | 4293 | --- | Non Engraved |
| 2 | RCC Roof Slab (1:2:4) | 2 | 6 | 2021 | 6x6x6 | --- | 9 | 36 | 86 | 5351 | --- | Non Engraved |
| 3 | RCC Roof Slab (1:2:4) | 2 | 6 | 2021 | 6x6x6 | --- | 9 | 36 | 77 | 4791 | --- | 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 comprerssive 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.

1718
Dr. Umbreen

**To:** Sub Divisional Officer (Buildings)
Sub Division Ferozwala.

**Project:** Construction of Judicial Academy at Lahore Kala Shah Kaku, Lahore, (ADP 3271/2020-21)Phase-II Group-2 Residence 1 to 10 2nd Floor Slab P1

Our Ref. No. CL/CED/ 4727 Dated: 20-08-21 Test Specification

Your Ref. No. No.1071/F Dated: 10-08-21 ( BS 1881-116 )

# COMPRESSION TEST REPORT

ONLINE REPORT

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

**Specimens received on:** 10-08-2021. **Tested on:** 17-08-21 **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 | RCC Roof Slab (1:2:4) | 6 | 5 | 2021 | 6x6x6 | --- | 9 | 36 | 104 | 6471 | --- | Non Engraved |
| 2 | RCC Roof Slab (1:2:4) | 6 | 5 | 2021 | 6x6x6 | --- | 9 | 36 | 96 | 5973 | --- | Non Engraved |
| 3 | RCC Roof Slab (1:2:4) | 6 | 5 | 2021 | 6x6x6 | --- | 9 | 36 | 73 | 4542 | --- | 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 comprerssive 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.

1718
Dr. Umbreen

**To:** Sub Divisional Officer (Buildings)
Sub Division Ferozwala.

**Project:** Construction of Judicial Academy at Lahore Kala Shah Kaku, Lahore, (ADP 3271/2020-21)Phase-II Group-2 Residence 1 to 10 1st Floor Columns Part-2

Our Ref. No. CL/CED/ 4728 Dated: 20-08-21 Test Specification

Your Ref. No. No.1165/F Dated: 10-08-21 ( BS 1881-116 )

# COMPRESSION TEST REPORT

ONLINE REPORT

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

**Specimens received on:** 10-08-2021. **Tested on:** 17-08-21 **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 | RCC Columns (1:1.5:3) | 25 | 6 | 2021 | 6x6x6 | --- | 9 | 36 | 94 | 5849 | --- | Non Engraved |
| 2 | RCC Columns (1:1.5:3) | 25 | 6 | 2021 | 6x6x6 | --- | 9 | 36 | 83 | 5164 | --- | Non Engraved |
| 3 | RCC Columns (1:1.5:3) | 25 | 6 | 2021 | 6x6x6 | --- | 9 | 36 | 92 | 5724 | --- | 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 comprerssive 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.

**1750**
**Dr. Umbreen**

**To:** **Engr. Abdul Sattar Ghafeel**
**M/s SNK Constructions (Pvt.) Ltd. Lahore.**

**Project: Construction of Main Gate for Aghaaz Housing at Piplan Distt. Mianwali**

**Our Ref. No. CL/CED/ 4729** **Dated: 20-08-21** **Test Specification**

**Your Ref. No. Nil** **Dated: 10-08-21** **( BS 1881-116 )**

# COMPRESSION TEST REPORT

ONLINE REPORT

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

**Specimens received on:** 16-08-2021. **Tested on:** 17-08-21 **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 | (1:2.5:2) | 7 | 8 | 2021 | 6x6x6 | --- | 8.6 | 36 | 83 | 5164 | --- | Engraved |
| 2 | (1:2.5:2) | 7 | 8 | 2021 | 6x6x6 | --- | 8.8 | 36 | 75 | 4667 | --- | Engraved |
| 3 | (1:2:4) | 7 | 8 | 2021 | 6x6x6 | --- | 9 | 36 | 59 | 3671 | --- | Non Engraved |
| 4 | (1:2:4) | 7 | 8 | 2021 | 6x6x6 | --- | 9 | 36 | 83 | 5164 | --- | Non Engraved |
| 5 | (1:1.75:3.5) | 8 | 8 | 2021 | 6x6x6 | --- | 9.2 | 36 | 75 | 4667 | --- | Engraved |
| 6 | (1:1.75:3.5) | 8 | 8 | 2021 | 6x6x6 | --- | 9 | 36 | 79 | 4916 | --- | Engraved |
| 7 | (1:1.5:3) | 8 | 8 | 2021 | 6x6x6 | --- | 9 | 36 | 77 | 4791 | --- | Non Engraved |
| 8 | (1:1.5:3) | 8 | 8 | 2021 | 6x6x6 | --- | 9 | 36 | 88 | 5476 | --- | Non Engraved |
| 9 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 10 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 11 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 12 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 13 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 14 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 15 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 16 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

**Witnessed by:**

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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.

1731
Dr. Umbreen

**To:** Mr. Farrukh Jamal
M/s Unicon Consulting Services (Pvt.) Ltd. Lahore.

**Project: Construction of MCB, Wahdat Road Branch, Lahore.**

**Our Ref. No. CL/CED/ 4730** **Dated: 20-08-21** **Test Specification**

**Your Ref. No. Nil** **Dated: 10-08-21** **( BS 1881-116 )**

# COMPRESSION TEST REPORT

ONLINE REPORT

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

**Specimens received on:** 11-08-21 **Tested on:** 17-08-21 **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 | --- | 22 | 5 | 2021 | 6x6x6 | --- | 8.6 | 36 | 122 | 7591 | --- | Non Engraved |
| 2 | --- | 22 | 5 | 2021 | 6x6x6 | --- | 8.8 | 36 | 104 | 6471 | --- | 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
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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.

**1731**
**Dr. Umbreen**

**To:** **Mr. Farrukh Jamal**
**M/s Unicon Consulting Services (Pvt.) Ltd. Lahore.**

**Project: Construction of MCB, Wahdat Road Branch, Lahore.**

**Our Ref. No. CL/CED/ 4731** **Dated: 20-08-21** **Test Specification**

**Your Ref. No. Nil** **Dated: 10-08-21** **( BS 1881-116 )**

# COMPRESSION TEST REPORT

ONLINE REPORT

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

**Specimens received on:** 11-08-21 **Tested on:** 17-08-21 **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 | 2021 | 6x6x6 | --- | 8.6 | 36 | 107 | 6658 | --- | Non Engraved |
| 2 | --- | 23 | 5 | 2021 | 6x6x6 | --- | 8.6 | 36 | 98 | 6098 | --- | 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/**

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2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
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4. **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as comprerssive 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.

1731
Dr. Umbreen

**To:** Mr. Farrukh Jamal
M/s Unicon Consulting Services (Pvt.) Ltd. Lahore.

**Project: Construction of MCB, Wahdat Road Branch, Lahore.**

**Our Ref. No. CL/CED/ 4732** **Dated: 20-08-21** **Test Specification**

**Your Ref. No. Nil** **Dated: 10-08-21** **( BS 1881-116 )**

# COMPRESSION TEST REPORT

ONLINE REPORT

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

**Specimens received on: 11-08-21 Tested on: 17-08-21 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 | --- | 11 | 6 | 2021 | 6x6x6 | --- | 8.4 | 36 | 51 | 3173 | --- | Engraved |
| 2 | --- | 11 | 6 | 2021 | 6x6x6 | --- | 8.6 | 36 | 57 | 3547 | --- | 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 comprerssive 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.

1731
Dr. Umbreen

**To:** Mr. Farrukh Jamal
M/s Unicon Consulting Services (Pvt.) Ltd. Lahore.

**Project: Construction of MCB, Wahdat Road Branch, Lahore.**

**Our Ref. No. CL/CED/ 4733** **Dated: 20-08-21** **Test Specification**

**Your Ref. No. Nil** **Dated: 10-08-21** **( BS 1881-116 )**

# COMPRESSION TEST REPORT

ONLINE REPORT

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

**Specimens received on: 11-08-21 Tested on: 17-08-21 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 | --- | 27 | 6 | 2021 | 6x6x6 | --- | 8.4 | 36 | 51 | 3173 | --- | Engraved |
| 2 | --- | 27 | 6 | 2021 | 6x6x6 | --- | 8.4 | 36 | 52 | 3236 | --- | 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 comprerssive 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
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.

**1740**
**Dr. Umbreen**

**To:** **Mr. Wasif Manzoor**
**M/s Salman Developers (Pvt.) Ltd. Lahore.**

**Project: Construction of Grand Square Mall**

**Our Ref. No. CL/CED/ 4734** **Dated: 20-08-21** **Test Specification**

**Your Ref. No. Nil** **Dated: 10-08-21** **( ---- )**

# COMPRESSION TEST REPORT

ONLINE REPORT

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

**Specimens received on:** 12-08-21 **Tested on:** 17-08-21 **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 | Fly Ash (SC) | --- | --- | --- | 8.9x4.3x2.9 | --- | 3525 | 38.37 | 29 | 1693 | --- | --- |
| 2 | Fly Ash (SC) | --- | --- | --- | 8.9x4.3x2.8 | --- | 3335 | 38.37 | 41 | 2394 | --- | --- |
| 3 | Fly Ash (SC) | --- | --- | --- | 8.9x4.3x2.8 | --- | 3350 | 38.37 | 21 | 1226 | --- | --- |
| 4 | Fly Ash (SC) | --- | --- | --- | 8.8x4.3x2.8 | --- | 3485 | 37.84 | 39 | 2309 | --- | --- |
| 5 | Fly Ash (SC) | --- | --- | --- | 8.9x4.3x2.8 | --- | 3341 | 38.27 | 27 | 1580 | --- | --- |
| 6 | Fly Ash (SC) | --- | --- | --- | 8.9x4.3x2.8 | --- | 2930 | 38.27 | 19 | 1112 | --- | --- |
| 7 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 8 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 9 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 10 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 11 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 12 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 13 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 14 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 15 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 16 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

**Witnessed by:**

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# 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.

1719
Dr. Umbreen

**To:** M. Saleem (GM)
M/s Professioinal Construction Services (Pvt.) Ltd. Lahore.

**Project:** Construction of Khalil & Naushaba' House Aitchsion College

**Our Ref. No.** CL/CED/ 4735 **Dated:** 20-08-21

**Your Ref. No.** PCS/21/Eng-84 **Dated:** 10-08-21

**Test Specification**
( ASTM C39 )

# COMPRESSION TEST REPORT

ONLINE REPORT

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

**Specimens received on:** 10-08-2021. **Tested on:** 17-08-21 **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 | Footing (1:2:4) | 7 | 7 | 2021 | 6Diax12 | --- | 14 | 28.28 | 49 | 3881 | --- | Non Engraved |
| 2 | Footing (1:2:4) | 7 | 7 | 2021 | 6Diax12 | --- | 14 | 28.28 | 47 | 3723 | --- | Non Engraved |
| 3 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 4 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 5 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 6 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 7 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 8 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 9 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
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| 14 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
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