# 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.

2136
Dr. Umbreen

**To:** M. Siddique Sons, Building Contractor
Punjab Cooperative Housing Society, Lahore.

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

Our Ref. No. CL/CED/ 6209 Dated: 26-10-21

Your Ref. No. Nil Dated: 22-10-21

Test Specification ( ASTM C39 )

ONLINE REPORT

# COMPRESSION TEST REPORT

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

Specimens received on: 22-10-21 Tested on: 25-10-21 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.F Slab (Stage-2) 3000 Psi | 13 | 10 | 2021 | 6Diax12 | --- | 14 | 28.28 | 63 | 4990 | --- | Non Engraved |
| 2 | G.F Slab (Stage-2) 3000 Psi | 13 | 10 | 2021 | 6Diax12 | --- | 14 | 28.28 | 59 | 4673 | --- | Non Engraved |
| 3 | G.F Slab (Stage-2) 3000 Psi | 13 | 10 | 2021 | 6Diax12 | --- | 14.2 | 28.28 | 63 | 4990 | --- | Non Engraved |
| 4 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 5 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 6 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
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| 11 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 12 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 13 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 14 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 15 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 16 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

**Witnessed by:**

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

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

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

1.The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
2.The test results are recommended to be interpreted in the light of above factors by the engineer.

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

# Plain and Reinforced Concrete Laboratory

## Civil Engineering Department

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

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

2145
Dr. Umbreen

**To:** Mr. Bashir Ahmed (From; Vertical Concrete).
H # 303-F, Mohallah Estate Life Insurance Housing Society, Ph-1, Lahore Cantt.

Project: Nil

Our Ref. No. CL/CED/ 6210 Dated: 26-10-21 Test Specification

Your Ref. No. Nil Dated: 25-10-21 ( ---- )

ONLINE REPORT

# COMPRESSION TEST REPORT

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

Specimens received on: 25-10-21 Tested on: 25-10-21 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 | Rectangular, Grey, 80mm | --- | --- | --- | 7.9x3.9x3.1 | --- | 3530 | 30.81 | 31 | 2254 | --- | --- |
| 2 | Rectangular, Grey, 80mm | --- | --- | --- | 7.9x3.9x3.1 | --- | 3615 | 30.81 | 43 | 3126 | --- | --- |
| 3 | Rectangular, Grey, 80mm | --- | --- | --- | 7.8x3.9x3.1 | --- | 3535 | 30.42 | 81 | 5964 | --- | --- |
| 4 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 5 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 6 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
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| 8 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
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| 14 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 15 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
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**Witnessed by:**

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

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

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

2089
Dr. M. Yousaf

**To:** Mr. Ali Zia Ur Rehman, AE / SDO (Civil)
University of Okara. (Paver Brand; Innovative).

Project: Construction of Main Gate at Railway Side at University of Okara.

Our Ref. No. CL/CED/ 6211 Dated: 26-10-21 Test Specification

Your Ref. No. UO/ENG-DEPTT/2021/1403 Dated: 05-04-21 ( ---- )

ONLINE REPORT

# COMPRESSION TEST REPORT

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

Specimens received on: 13-10-21 Tested on: 15-10-21 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 | Uni-Block, Grey, 60mm, Lot-1 | --- | --- | --- | 2.3 thick | --- | 3330 | 37.42 | 93 | 5567 | --- | --- |
| 2 | Uni-Block, Grey, 60mm, Lot-1 | --- | --- | --- | 2.3 thick | --- | 3425 | 37.42 | 130 | 7782 | --- | --- |
| 3 | Uni-Block, Grey, 60mm, Lot-1 | --- | --- | --- | 2.3 thick | --- | 3480 | 37.42 | 136 | 8141 | --- | --- |
| 4 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 5 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 6 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
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| 12 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 13 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 14 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 15 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 16 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

**Witnessed by:**

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

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

# Plain and Reinforced Concrete Laboratory

## Civil Engineering Department

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

**ORIGINAL**
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2089
Dr. M. Yousaf

**To:** Mr. Ali Zia Ur Rehman, AE / SDO (Civil)
University of Okara. (Paver Brand; Innovative).

Project: Miscellaneous Civil Works for Strengthining of Safety and Security Measures at University of Okara.

Our Ref. No. CL/CED/ 6212 Dated: 26-10-21 Test Specification

Your Ref. No. UO/ENG-DEPTT/2021/1259 Dated: 19-01-21 ( ---- )

ONLINE REPORT

# COMPRESSION TEST REPORT

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

Specimens received on: 13-10-21 Tested on: 15-10-21 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 | Uni-Block, Red, 60mm, Lot-2 | --- | --- | --- | 2.3 thick | --- | 3310 | 37.42 | 140 | 8381 | --- | --- |
| 2 | Uni-Block, Red, 60mm, Lot-2 | --- | --- | --- | 2.3 thick | --- | 3415 | 37.42 | 93 | 5567 | --- | --- |
| 3 | Uni-Block, Red, 60mm, Lot-2 | --- | --- | --- | 2.3 thick | --- | 3370 | 37.42 | 128 | 7662 | --- | --- |
| 4 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 5 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 6 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 7 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
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| 11 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 12 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
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| 14 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 15 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
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**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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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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2111
Dr. Aqsa

**To:** Mr. Syed Tasawur Hussain Naqvi, AEE-III.
CCD, PAK.PWD. Gujranwala

Project: Enhancement & Expansion of Building Infrastructure of NHMP Training College Sheikhupura, Phase-I. (SH: Academic Block).

Our Ref. No. CL/CED/ 6213 Dated: 26-10-21 Test Specification

Your Ref. No. AEE-III/CCD/GA/Work/NHMP/P-I/Lab/17 Dated: 18-05-21 ( BS 1881-116 )

ONLINE REPORT

# COMPRESSION TEST REPORT

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

Specimens received on: 15-10-21 Tested on: 26-10-21 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 | F.F Columns | 27 | 4 | 21 | 6x6x6 | --- | 9 | 36 | 92 | 5724 | --- | Engraved |
| 2 | F.F Columns | 27 | 4 | 21 | 6x6x6 | --- | 9 | 36 | 106 | 6596 | --- | Engraved |
| 3 | F.F Columns | 28 | 4 | 21 | 6x6x6 | --- | 9 | 36 | 106 | 6596 | --- | Engraved |
| 4 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 5 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 6 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 7 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 8 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 9 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 10 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 11 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 12 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
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| 14 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
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**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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1.The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
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## Civil Engineering Department

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Dr. Aqsa

**To:** Mr. Syed Tasawur Hussain Naqvi, AEE-III
CCD, PAK.PWD. Gujranwala.

Project: Enhancement & Expansion of Building Infrastructure of NHMP Training College Sheikhupura, Phase-I, (SH: Academic Block).

Our Ref. No. CL/CED/ 6214 Dated: 26-10-21 Test Specification

Your Ref. No. AEE-III/CCD/GA/Work/NHMP/P-I/Lab/25 Dated: 09-06-21 ( BS 1881-116 )

ONLINE REPORT

# COMPRESSION TEST REPORT

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

Specimens received on: 15-10-21 Tested on: 26-10-21 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 | F.F Beam & Slab | 11 | 5 | 21 | 6x6x6 | --- | 9 | 36 | 92 | 5724 | --- | Engraved |
| 2 | F.F Beam & Slab | 11 | 5 | 21 | 6x6x6 | --- | 9 | 36 | 118 | 7342 | --- | Engraved |
| 3 | F.F Beam & Slab | 11 | 5 | 21 | 6x6x6 | --- | 9 | 36 | 89 | 5538 | --- | Engraved |
| 4 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 5 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 6 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 7 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
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**Witnessed by:**

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

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Dr. Aqsa

**To:** Mr. Syed Tasawur Hussain Naqvi, AEE-III
CCD, PAK.PWD. Gujranwala.

Project: Enhancement & Expansion of Building Infrastructure of NHMP Training College Sheikhupura, Phase-I, (SH: Academic Block).

Our Ref. No. CL/CED/ 6215 Dated: 26-10-21 Test Specification

Your Ref. No. AEE-III/CCD/GA/Work/NHMP/P-I/Lab/15 Dated: 22-04-21 ( BS 1881-116 )

ONLINE REPORT

# COMPRESSION TEST REPORT

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

Specimens received on: 15-10-21 Tested on: 26-10-21 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.F Columns | 22 | 3 | 21 | 6x6x6 | --- | 9 | 36 | 94 | 5849 | --- | Engraved |
| 2 | G.F Columns | 22 | 3 | 21 | 6x6x6 | --- | 8.8 | 36 | 99 | 6160 | --- | Engraved |
| 3 | G.F Columns | 24 | 3 | 21 | 6x6x6 | --- | 9 | 36 | 118 | 7342 | --- | Engraved |
| 4 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 5 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 6 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
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**Witnessed by:**

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

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

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## Civil Engineering Department

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

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Dr. Aqsa

**To:** Mr. Syed Tasawur Hussain Naqvi, AEE-III.
CCD, PAK.PWD. Gujranwala.

Project: Enhancement & Expansion of Building Infrastructure of NHMP Training College Sheikhupura, Phase-I, (SH: Academic Block).

Our Ref. No. CL/CED/ 6216 Dated: 26-10-21 Test Specification

Your Ref. No. AEE-III/CCD/GA/Work/NHMP/P-I/Lab/16 Dated: 18-05-21 ( BS 1881-116 )

ONLINE REPORT

# COMPRESSION TEST REPORT

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

Specimens received on: 15-10-21 Tested on: 26-10-21 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.F Beam & Slab | 21 | 4 | 21 | 6x6x6 | --- | 9.2 | 36 | 103 | 6409 | --- | Engraved |
| 2 | G.F Beam & Slab | 21 | 4 | 21 | 6x6x6 | --- | 9 | 36 | 103 | 6409 | --- | Engraved |
| 3 | G.F Beam & Slab | 21 | 4 | 21 | 6x6x6 | --- | 9 | 36 | 104 | 6471 | --- | Engraved |
| 4 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 5 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 6 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 7 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 8 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 9 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 10 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 11 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 12 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 13 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 14 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 15 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 16 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

**Witnessed by:**

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

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

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

1.The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
2.The test results are recommended to be interpreted in the light of above factors by the engineer.

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

# Plain and Reinforced Concrete Laboratory

## Civil Engineering Department

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

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

2111
Dr. Aqsa

**To:** Mr. Syed Tasawur Hussain Naqvi, AEE-III.
CCD, PAK.PWD. Gujranwala.

Project: Enhancement & Expansion of Building Infrastructure of NHMP Training College Sheikhupura, Phase-I, (Academic Block).

Our Ref. No. CL/CED/ 6217 Dated: 26-10-21 Test Specification

Your Ref. No. AEE-III/CCD/GA/Work/NHMP/P-I/Lab/12 Dated: 02-04-21 ( BS 1881-116 )

ONLINE REPORT

# COMPRESSION TEST REPORT

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

Specimens received on: 15-10-21 Tested on: 26-10-21 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 | Plinth Beam | 2 | 3 | 21 | 6x6x6 | --- | 8.4 | 36 | 60 | 3733 | --- | Engraved |
| 2 | Plinth Beam | 4 | 3 | 21 | 6x6x6 | --- | 8 | 36 | 79 | 4916 | --- | Engraved |
| 3 | Plinth Beam | 4 | 3 | 21 | 6x6x6 | --- | 9 | 36 | 113 | 7031 | --- | Engraved |
| 4 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 5 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 6 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 7 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 8 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 9 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 10 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 11 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 12 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 13 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 14 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 15 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 16 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

**Witnessed by:**

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

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

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

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

2.The test results are recommended to be interpreted in the light of above factors by the engineer.

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

# Plain and Reinforced Concrete Laboratory

## Civil Engineering Department

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

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

2111
Dr. Aqsa

**To:** Mr. Syed Tasawur Hussain Naqvi, AEE-III
CCD, PAK.PWD. Gujranwala.

Project: Enhancement & Expansion of Building Infrastructure of NHMP Training College Sheikhupura, Phase-I, (SH: Academic Block).

Our Ref. No. CL/CED/ 6218 Dated: 26-10-21 Test Specification

Your Ref. No. AEE-III/CCD/GA/Work/NHMP/P-I/Lab/09 Dated: 09-03-21 ( BS 1881-116 )

ONLINE REPORT

# COMPRESSION TEST REPORT

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

Specimens received on: 15-10-21 Tested on: 26-10-21 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 | Strip & Raft Foundation | 4 | 2 | 21 | 6x6x6 | --- | 9 | 36 | 69 | 4293 | --- | Engraved |
| 2 | Strip & Raft Foundation | 8 | 2 | 21 | 6x6x6 | --- | 8.8 | 36 | 75 | 4667 | --- | Engraved |
| 3 | Strip & Raft Foundation | 11 | 2 | 21 | 6x6x6 | --- | 8.4 | 36 | 90 | 5600 | --- | Engraved |
| 4 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 5 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 6 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 7 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 8 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 9 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 10 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 11 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 12 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 13 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 14 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 15 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 16 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

**Witnessed by:**

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

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

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

1.The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
2.The test results are recommended to be interpreted in the light of above factors by the engineer.

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

# Plain and Reinforced Concrete Laboratory

## Civil Engineering Department

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

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

2111
Dr. Aqsa

**To:** Mr. Syed Tasawur Hussain Naqvi, AEE-III.
CCD, PAK.PWD. Gujranwala.

Project: Enhancement & Expansion of Building Infrastructure of NHMP Training College Sheikhupura, Phase-I, (SH: Academic Block).

Our Ref. No. CL/CED/ 6219 Dated: 26-10-21 Test Specification

Your Ref. No. AEE-III/CCD/GA/Work/NHMP/P-I/Lab/11 Dated: 24-03-21 ( BS 1881-116 )

ONLINE REPORT

# COMPRESSION TEST REPORT

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

Specimens received on: 15-10-21 Tested on: 26-10-21 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 & Foundation | 26 | 2 | 21 | 6x6x6 | --- | 8.8 | 36 | 106 | 6596 | --- | Engraved |
| 2 | Columns & Foundation | 26 | 2 | 21 | 6x6x6 | --- | 8.8 | 36 | 107 | 6658 | --- | Engraved |
| 3 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 4 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 5 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 6 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 7 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 8 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 9 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 10 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 11 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 12 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 13 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 14 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 15 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 16 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

**Witnessed by:**

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

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

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

1.The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
2.The test results are recommended to be interpreted in the light of above factors by the engineer.

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

# Plain and Reinforced Concrete Laboratory

## Civil Engineering Department

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

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

2105
Dr. Aqsa

**To:** M. Shahbaz Iqbal
For BPS (Pvt) Ltd.

**Project:** (Beaconhouse State). (Securing Chamber + Pump Room Footing)

Our Ref. No. CL/CED/ 6220 Dated: 26-10-21

Your Ref. No. Nil Dated: 15-10-21

Test Specification ( ASTM C39 )

ONLINE REPORT

# COMPRESSION TEST REPORT

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

Specimens received on: 15-10-21 Tested on: 26-10-21 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 | 3000 Psi | 27 | 9 | 21 | 6Diax12 | --- | 13 | 28.28 | 53 | 4198 | --- | Non Engraved |
| 2 | 3000 Psi | 27 | 9 | 21 | 6Diax12 | --- | 13.4 | 28.28 | 84 | 6653 | --- | Non Engraved |
| 3 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 4 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 5 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 6 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 7 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 8 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 9 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 10 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 11 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 12 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 13 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 14 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 15 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 16 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

**Witnessed by:**

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

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

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

1.The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
2.The test results are recommended to be interpreted in the light of above factors by the engineer.

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

# Plain and Reinforced Concrete Laboratory

## Civil Engineering Department

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

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

2116
Dr. Aqsa

**To:** Mr. Mushtaq, Project Manager.
Indus Paper Mill, Ferozpur Road, Lahore. (Saleem Construction).

Project: Construction of Finishing Hall 2nd Floor Slab, Indus Paper Mill, Ferozpur Road, Lahore.

Our Ref. No. CL/CED/ 6221 Dated: 26-10-21

Your Ref. No. Sc. 1 Dated: 18-10-21

Test Specification ( ASTM C39 )

ONLINE REPORT

# COMPRESSION TEST REPORT

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

Specimens received on: 18-10-21 Tested on: 26-10-21 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 | 2nd Floor Slab | 11 | 10 | 21 | 6Diax12 | --- | 13 | 28.28 | 54 | 4277 | --- | Non-Engraved |
| 2 | 2nd Floor Slab | 11 | 10 | 21 | 6Diax12 | --- | 13.4 | 28.28 | 56 | 4436 | --- | Non-Engraved |
| 3 | 2nd Floor Slab | 11 | 10 | 21 | 6Diax12 | --- | 14 | 28.28 | 59 | 4673 | --- | Non-Engraved |
| 4 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 5 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 6 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 7 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 8 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 9 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 10 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 11 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 12 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 13 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 14 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 15 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 16 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

**Witnessed by:**

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

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

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

1.The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
2.The test results are recommended to be interpreted in the light of above factors by the engineer.

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

# Plain and Reinforced Concrete Laboratory

## Civil Engineering Department

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

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

2130
Dr. Aqsa

**To:** Cantonment Executive Officer
Lahore Cantonment Board. 42-Sarwar Road, Lahore Cantt. (M/s Staco-Shahid Builders (JV).

Project: Construction of Teaching Hospital 500 Beds at Sarfraz Rafiqui Road Lahore Cantt.

Our Ref. No. CL/CED/ 6222 Dated: 26-10-21 Test Specification

Your Ref. No. CE/CGH-FWH/2018/9328 Dated: 15-10-21 ( ---- )

ONLINE REPORT

# COMPRESSION TEST REPORT

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

Specimens received on: 20-10-21 Tested on: 26-10-21 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 | Rectangular, Grey, 60mm | --- | --- | --- | 7.8x3.8x2.3 | --- | 2705 | 29.64 | 39 | 2947 | --- | --- |
| 2 | Rectangular, Grey, 60mm | --- | --- | --- | 7.8x3.8x2.3 | --- | 2730 | 29.64 | 47 | 3552 | --- | --- |
| 3 | Rectangular, Grey, 60mm | --- | --- | --- | 7.8x3.8x2.3 | --- | 2680 | 29.64 | 70 | 5290 | --- | --- |
| 4 | Rectangular, Grey, 60mm | --- | --- | --- | 7.8x3.8x2.3 | --- | 2655 | 29.64 | 63 | 4761 | --- | --- |
| 5 | Rectangular, Grey, 60mm | --- | --- | --- | 7.8x3.8x2.3 | --- | 2605 | 29.64 | 31 | 2343 | --- | --- |
| 6 | Rectangular, Grey, 60mm | --- | --- | --- | 7.8x3.8x2.3 | --- | 2610 | 29.64 | 49 | 3703 | --- | --- |
| 7 | Rectangular, Grey, 60mm | --- | --- | --- | 7.8x3.8x2.3 | --- | 2755 | 29.64 | 43 | 3250 | --- | --- |
| 8 | Rectangular, Grey, 60mm | --- | --- | --- | 7.8x3.8x2.3 | --- | 2695 | 29.64 | 63 | 4761 | --- | --- |
| 9 | Rectangular, Grey, 60mm | --- | --- | --- | 7.8x3.8x2.3 | --- | 2660 | 29.64 | 49 | 3703 | --- | --- |
| 10 | Rectangular, Grey, 60mm | --- | --- | --- | 7.8x3.8x2.3 | --- | 2625 | 29.64 | 53 | 4005 | --- | --- |
| 11 | Rectangular, Grey, 60mm | --- | --- | --- | 7.8x3.8x2.3 | --- | 2800 | 29.64 | 81 | 6121 | --- | --- |
| 12 | Rectangular, Grey, 60mm | --- | --- | --- | 7.8x3.8x2.3 | --- | 2635 | 29.64 | 36 | 2721 | --- | --- |
| 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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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.

2094
Dr. Umbreen

**To:** Cantonment Executive Officer, Gujranwala Cantt.
Cantonment Board Gujranwala. (M/s The Industrial Machine Pool).

Project: Construction of Nullah from Disposal Pump near Pero Shaheed to Sugar Mill Chowk Railway Road Rahwali.

Our Ref. No. CL/CED/ 6223 Dated: 26-10-21

Your Ref. No. SCE/Engg/02 Dated: 04-10-21

Test Specification ( BS 3921** )

ONLINE REPORT

# COMPRESSION TEST REPORT

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

Specimens received on: 14-10-21 Tested on: 18-10-21 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 | SB | --- | --- | --- | 8.9 x 4.3 x 2.9 | --- | 3145 | 38.27 | 53 | 3102 | --- | --- |
| 2 | SB | --- | --- | --- | 8.9 x 4.4 x 3 | --- | 3350 | 39.16 | 55 | 3146 | --- | --- |
| 3 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 4 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 5 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 6 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 7 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 8 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 9 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 10 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 11 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 12 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 13 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 14 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 15 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 16 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

**Witnessed by:**

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

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

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

1.The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
2.The test results are recommended to be interpreted in the light of above factors by the engineer.

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

# Plain and Reinforced Concrete Laboratory

## Civil Engineering Department

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

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

2093
Dr. Aqsa

**To:** Mr. Tahawar Owais, Manager Civil
Casa Grande Ventures (Private) Limited.

Project: Construction of Apartment Building at 94-G Gulberg-III, Lahore.

Our Ref. No. CL/CED/ 6224 Dated: 26-10-21

Your Ref. No. Nil Dated: 12-10-21

Test Specification ( ASTM C39 )

ONLINE REPORT

# COMPRESSION TEST REPORT

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

Specimens received on: 14-10-21 Tested on: 26-10-21 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 | Pile # 39 | 12 | 9 | 2021 | 6Diax12 | --- | 14 | 28.28 | 44 | 3485 | --- | Non-Engraved |
| 2 | Pile # 42 | 12 | 9 | 2021 | 6Diax12 | --- | 14 | 28.28 | 49 | 3881 | --- | Non-Engraved |
| 3 | Pile # 55 | 12 | 9 | 2021 | 6Diax12 | --- | 13.6 | 28.28 | 44 | 3485 | --- | Non-Engraved |
| 4 | Pile # 09 | 14 | 9 | 2021 | 6Diax12 | --- | 13 | 28.28 | 61 | 4832 | --- | Engraved |
| 5 | Pile # 18 | 14 | 9 | 2021 | 6Diax12 | --- | 13 | 28.28 | 56 | 4436 | --- | Engraved |
| 6 | Pile # 21 | 14 | 9 | 2021 | 6Diax12 | --- | 13.6 | 28.28 | 58 | 4594 | --- | Engraved |
| 7 | Pile # 11 | 15 | 9 | 2021 | 6Diax12 | --- | 13.4 | 28.28 | 54 | 4277 | --- | Engraved |
| 8 | Pile # 23 | 15 | 9 | 2021 | 6Diax12 | --- | 13 | 28.28 | 47 | 3723 | --- | Engraved |
| 9 | Pile # 27 | 15 | 9 | 2021 | 6Diax12 | --- | 13.4 | 28.28 | 50 | 3960 | --- | Engraved |
| 10 | Pile # 08 | 16 | 9 | 2021 | 6Diax12 | --- | 14.2 | 28.28 | 55 | 4356 | --- | Engraved |
| 11 | Pile # 10 | 16 | 9 | 2021 | 6Diax12 | --- | 13.4 | 28.28 | 56 | 4436 | --- | Engraved |
| 12 | Pile # 13 | 16 | 9 | 2021 | 6Diax12 | --- | 14.2 | 28.28 | 61 | 4832 | --- | Engraved |
| 13 | Pile # 16 | 16 | 9 | 2021 | 6Diax12 | --- | 13.4 | 28.28 | 50 | 3960 | --- | Engraved |
| 14 | Pile # 19 | 16 | 9 | 2021 | 6Diax12 | --- | 13.6 | 28.28 | 58 | 4594 | --- | Engraved |
| 15 | Pile # 22 | 16 | 9 | 2021 | 6Diax12 | --- | 13.4 | 28.28 | 48 | 3802 | --- | Engraved |
| 16 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

**Witnessed by:**

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

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