# 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.

7318
Dr. Umbreen

**To:** Project Manager
SUNSHINE HEALTHCARE PRIVATE LIMITED

**Project:** SUNSHINE MEDICAL TOWER SHAHDRA.

**Our Ref. No.** CL/CED/ 5116 **Dated:** 21/06/2024 **Test Specification**

**Your Ref. No.** Nil **Dated:** 13/06/2024 ( ASTM C39 )

# COMPRESSION TEST REPORT

ONLINE REPORT

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

**Specimens received on:** 14/06/2024 **Tested on:** 21/06/2024 **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 | Field Curing | 6 | 6 | 2024 | 6Diax12 | --- | 14 | 28.28 | 50 | 3960 | --- | Non Engraved |
| 2 | Field Curing | 6 | 6 | 2024 | 6Diax12 | --- | 14.6 | 28.28 | 44 | 3485 | --- | Non Engraved |
| 3 | Water Dipped | 6 | 6 | 2024 | 6Diax12 | --- | 13 | 28.28 | 50 | 3960 | --- | Non Engraved |
| 4 | Water Dipped | 6 | 6 | 2024 | 6Diax12 | --- | 14.4 | 28.28 | 60 | 4752 | --- | Non Engraved |
| 5 | | | | | | --- | | | | | --- | |
| 6 | | | | | | --- | | | | | --- | |
| 7 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 8 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 9 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 10 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 11 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 12 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 13 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 14 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 15 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 16 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

**Witnessed by:** Nil

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

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

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

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

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

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**ORIGINAL**
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7269
Dr. Umbreen

**To:** Mr. Javaid Iqbal
SAB CONSTRUCTIONS

**Project:** Shell & Core Works for Colgate Factory, Sundar Estate, Lahore

**Our Ref. No.** CL/CED/ 5117 **Dated:** 21/6/2024 **Test Specification**

**Your Ref. No.** SAB/CP/SCW/CT/002 **Dated:** 05/06/2024 ( ASTM C39 )

# COMPRESSION TEST REPORT

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

**Specimens received on:** 5/6/2024 **Tested on:** 21/6/2024 **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 | 1st Floor Columns (5000 Psi) | 25 | 5 | 2024 | 6Diax12 | --- | 12 | 28.28 | 32 | 2535 | --- | Non Engraved |
| 2 | 1st Floor Columns (5000 Psi) | 25 | 5 | 2024 | 6Diax12 | --- | 12.8 | 28.28 | 34 | 2693 | --- | 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
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**ORIGINAL**
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7269
Dr. Umbreen

**To:** Mr. Javaid Iqbal
SAB CONSTRUCTIONS

**Project:** Shell & Core Works for Colgate Factory, Sundar Estate, Lahore

Our Ref. No. CL/CED/ 5118 Dated: 21/6/2024 Test Specification

Your Ref. No. SAB/CP/SCW/CT/001 Dated: 05/06/2024 ( ASTM C39 )

# COMPRESSION TEST REPORT

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

Specimens received on: 5/6/2024 Tested on: 21/6/2024 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 | 1st Floor Columns (5000 Psi) | 24 | 5 | 2024 | 6Diax12 | --- | 13.6 | 28.28 | 62 | 4911 | --- | Non Engraved |
| 2 | 1st Floor Columns (5000 Psi) | 24 | 5 | 2024 | 6Diax12 | --- | 13.4 | 28.28 | 58 | 4594 | --- | 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)
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**Supervisor (Lab)** **Director/Dy. Director Concrete Laboratory**

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

7324
Dr. Umbreen

**To:** Engr. Ejaz ul Haq
Style Textile (Pvt) Ltd

**Project: STYLE SAP**

**Our Ref. No. CL/CED/ 5119** **Dated: 21/6/2024** **Test Specification**

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

# COMPRESSION TEST REPORT

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

**Specimens received on:** 14/6/2024 **Tested on:** 21/6/2024 **in dry/wet condition**

| Sr. No. | Mark* | Casting Date* DD | MM | YYYY | Size (in) | Wet Weight (Kg/ gms) | Dry Weight (Kg/ gms) | Area of X-Section (Sq. in) | Ultimate load (Imp.Tons) | Ultimate Stress (psi) | Water Absorption (%) | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | C-20 (Lab # 1164) | 19 | 4 | 2024 | 6x6x6 | --- | 8.2 | 36 | 97 | 6036 | --- | Non Engraved |
| 2 | C-20 (Lab # 1164) | 19 | 4 | 2024 | 6x6x6 | --- | 8.4 | 36 | 105 | 6533 | --- | Non Engraved |
| 3 | C-20 (Lab # 1164) | 19 | 4 | 2024 | 6x6x6 | --- | 8.4 | 36 | 115 | 7156 | --- | Non Engraved |
| 4 | C-30 (Lab # 1165) | 19 | 4 | 2024 | 6x6x6 | --- | 8.8 | 36 | 124 | 7716 | --- | Non Engraved |
| 5 | C-30 (Lab # 1165) | 19 | 4 | 2024 | 6x6x6 | --- | 8.4 | 36 | 97 | 6036 | --- | Non Engraved |
| 6 | C-30 (Lab # 1165) | 19 | 4 | 2024 | 6x6x6 | --- | 8.8 | 36 | 125 | 7778 | --- | Non Engraved |
| 7 | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 8 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 9 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 10 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 11 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 12 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 13 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 14 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 15 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 16 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

**Witnessed by:**

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

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

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

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

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## Civil Engineering Department
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Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895


**ORIGINAL**
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7324
Dr. Umbreen

**To:** Engr. Ejaz ul Haq
Style Textile (Pvt) Ltd

**Project: STYLE SAP-ASE (Septic Tank ETP)**

**Our Ref. No. CL/CED/ 5120** **Dated: 21/6/2024** **Test Specification**

**Your Ref. No. Nil** **Dated: 13/2/2024** **( BS 1881-116 )**

# COMPRESSION TEST REPORT

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

**Specimens received on: 14/6/2024 Tested on: 21/6/2024 in dry/wet condition**

| Sr. No. | Mark* | Casting Date* DD | MM | YYYY | Size (in) | Wet Weight (Kg/ gms) | Dry Weight (Kg/ gms) | Area of X-Section (Sq. in) | Ultimate load (Imp.Tons) | Ultimate Stress (psi) | Water Absorption (%) | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | C-20 | 2 | 1 | 2024 | 6x6x6 | --- | 8.4 | 36 | 110 | 6844 | --- | Non Engraved |
| 2 | C-20 | 2 | 1 | 2024 | 6x6x6 | --- | 8.2 | 36 | 76 | 4729 | --- | Non Engraved |
| 3 | C-20 | 2 | 1 | 2024 | 6x6x6 | --- | 8.4 | 36 | 130 | 8089 | --- | Non Engraved |
| 4 | C-30 | 2 | 1 | 2024 | 6x6x6 | --- | 8 | 36 | 100 | 6222 | --- | Non Engraved |
| 5 | C-30 | 2 | 1 | 2024 | 6x6x6 | --- | 8.6 | 36 | 109 | 6782 | --- | Non Engraved |
| 6 | C-30 | 2 | 1 | 2024 | 6x6x6 | --- | 8.8 | 36 | 115 | 7156 | --- | Non Engraved |
| 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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## Civil Engineering Department
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**ORIGINAL**
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7324
Dr. Umbreen

**To:** Manager Engineering
Ali Zaman (Pvt) Ltd

**Project: Bulleh Shah Packaging**

**Our Ref. No. CL/CED/ 5121** **Dated: 21/6/2024** **Test Specification**

**Your Ref. No. AZL-774-2024** **Dated: 14/06/2024** **( BS 1881-116 )**

# COMPRESSION TEST REPORT

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

**Specimens received on:** 14/6/2024 **Tested on:** 21/6/2024 **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 | Chemical Curing | 16 | 5 | 2024 | 6x6x6 | --- | 8 | 36 | 66 | 4107 | --- | Engraved |
| 2 | Chemical Curing | 16 | 5 | 2024 | 6x6x6 | --- | 8 | 36 | 82 | 5102 | --- | Engraved |
| 3 | Chemical Curing | 17 | 5 | 2024 | 6x6x6 | --- | 8.2 | 36 | 62 | 3858 | --- | Engraved |
| 4 | Chemical Curing | 17 | 5 | 2024 | 6x6x6 | --- | 8.2 | 36 | 70 | 4356 | --- | Engraved |
| 5 | Chemical Curing | 18 | 5 | 2024 | 6x6x6 | --- | 8.2 | 36 | 48 | 2987 | --- | Engraved |
| 6 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 7 | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 8 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 9 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 10 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 11 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 12 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 13 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 14 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 15 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 16 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

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

# Plain and Reinforced Concrete Laboratory
## 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.

7325
Dr. Umbreen

**To:** CW Manager
ARCON, Office #703, 7th Floor, Khudadad Heights, E-11, Islamabad

**Project: Site ID: MOT-M1-J6**

**Our Ref. No. CL/CED/ 5122** **Dated: 21/6/2024** **Test Specification**

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

# COMPRESSION TEST REPORT

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

**Specimens received on: 20/6/2024 Tested on: 21/6/2024 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 | Column (1:1.5:3 & 1:4:8) | 21 | 5 | 2024 | 6x6x6 | --- | 8.4 | 36 | 58 | 3609 | --- | Non Engraved |
| 2 | Column (1:1.5:3 & 1:4:8) | 21 | 5 | 2024 | 6x6x6 | --- | 8 | 36 | 106 | 6596 | --- | 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
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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.

7325
Dr. Umbreen

**To:** CW Manager
ARCON, Office #703, 7th Floor, Khudadad Heights, E-11, Islamabad

**Project: Site ID: MOT-M1-J6**

**Our Ref. No. CL/CED/ 5123** **Dated: 21/6/2024** **Test Specification**

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

# COMPRESSION TEST REPORT

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

**Specimens received on: 20/6/2024 Tested on: 21/6/2024 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 (1:1.5:3 & 1:4:8) | 19 | 5 | 2024 | 6x6x6 | --- | 8 | 36 | 109 | 6782 | --- | Non Engraved |
| 2 | Raft (1:1.5:3 & 1:4:8) | 19 | 5 | 2024 | 6x6x6 | --- | 8.6 | 36 | 80 | 4978 | --- | 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.

7325
Dr. Umbreen

**To:** CW Manager
ARCON, Office #703, 7th Floor, Khudadad Heights, E-11, Islamabad

Project: Site ID: MOT-M1-J7

Our Ref. No. CL/CED/ 5124 Dated: 21/6/2024 Test Specification

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

# COMPRESSION TEST REPORT

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

Specimens received on: 20/6/2024 Tested on: 21/6/2024 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 (1:1.5:3 & 1:4:8) | 19 | 5 | 2024 | 6x6x6 | --- | 8.2 | 36 | 74 | 4604 | --- | Non Engraved |
| 2 | Raft (1:1.5:3 & 1:4:8) | 19 | 5 | 2024 | 6x6x6 | --- | 8 | 36 | 105 | 6533 | --- | 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.

7325
Dr. Umbreen

**To:** CW Manager
ARCON, Office #703, 7th Floor, Khudadad Heights, E-11, Islamabad

Project: Site ID: MOT-M2-U2

Our Ref. No. CL/CED/ 5125 Dated: 21/6/2024 Test Specification

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

# COMPRESSION TEST REPORT

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

Specimens received on: 20/6/2024 Tested on: 21/6/2024 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 | Column (1:1.5:3 & 1:4:8) | 20 | 5 | 2024 | 6x6x6 | --- | 8 | 36 | 112 | 6969 | --- | Non Engraved |
| 2 | Column (1:1.5:3 & 1:4:8) | 20 | 5 | 2024 | 6x6x6 | --- | 8.2 | 36 | 110 | 6844 | --- | 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.

7325
Dr. Umbreen

**To:** CW Manager
ARCON, Office #703, 7th Floor, Khudadad Heights, E-11, Islamabad

Project: Site ID: MOT-M2-U2

Our Ref. No. CL/CED/ 5126 Dated: 21/6/2024 Test Specification

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

# COMPRESSION TEST REPORT

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

Specimens received on: 20/6/2024 Tested on: 21/6/2024 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 (1:1.5:3 & 1:4:8) | 18 | 5 | 2024 | 6x6x6 | --- | 8.4 | 36 | 106 | 6596 | --- | Non Engraved |
| 2 | Raft (1:1.5:3 & 1:4:8) | 18 | 5 | 2024 | 6x6x6 | --- | 8.4 | 36 | 105 | 6533 | --- | 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.

7325
Dr. Umbreen

**To:** CW Manager
ARCON, Office #703, 7th Floor, Khudadad Heights, E-11, Islamabad

**Project: Site ID: MOT-M2-J7**

**Our Ref. No. CL/CED/ 5127** **Dated: 21/6/2024** **Test Specification**

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

# COMPRESSION TEST REPORT

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

**Specimens received on: 20/6/2024 Tested on: 21/6/2024 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 | Column (1:1.5:3 & 1:4:8) | 20 | 5 | 2024 | 6x6x6 | --- | 8.2 | 36 | 94 | 5849 | --- | Non Engraved |
| 2 | Column (1:1.5:3 & 1:4:8) | 20 | 5 | 2024 | 6x6x6 | --- | 8 | 36 | 90 | 5600 | --- | 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.

7325
Dr. Umbreen

**To:** CW Manager
ARCON, Office #703, 7th Floor, Khudadad Heights, E-11, Islamabad

Project: Site ID: MOT-M2-J7

Our Ref. No. CL/CED/ 5128 Dated: 21/6/2024 Test Specification

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

# COMPRESSION TEST REPORT

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

Specimens received on: 20/6/2024 Tested on: 21/6/2024 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 (1:1.5:3 & 1:4:8) | 18 | 5 | 2024 | 6x6x6 | --- | 8 | 36 | 105 | 6533 | --- | Non Engraved |
| 2 | Raft (1:1.5:3 & 1:4:8) | 18 | 5 | 2024 | 6x6x6 | --- | 8.6 | 36 | 105 | 6533 | --- | 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
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**Note:** Above results pertain to the unsealed samples supplied to the laboratory

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

7313
Dr. Umbreen

**To:** Mr. Muhammad Nadeem Mirza
EMCON, Engineers & Contractors, Office No. 408, Al Khalil Center, Sublime Chowk, Sialkot.

**Project: Construction of AMB Building at AWAN SPORTS Sialkot**

**Our Ref. No. CL/CED/ 5129-1 of 3** **Dated: 21/6/2024** **Test Specification**

**Your Ref. No. Nil** **Dated: 13/6/2024** **( BS 1881-116 )**

# COMPRESSION TEST REPORT

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

**Specimens received on: 13/6/2024 Tested on: 21/6/2024 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 | Grid C/1 + 2 D/1 (1:2:4) 50%+50% | 1 | 5 | 2024 | 6x6x6 | --- | 8.4 | 36 | 64 | 3982 | --- | Engraved |
| 2 | Grid C/1 + 2 D/1 (1:2:4) 50%+50% | 1 | 5 | 2024 | 6x6x6 | --- | 8.8 | 36 | 80 | 4978 | --- | Engraved |
| 3 | Grid C/1 + 2 D/1 (1:2:4) 50%+50% | 1 | 5 | 2024 | 6x6x6 | --- | 8.4 | 36 | 68 | 4231 | --- | Engraved |
| 4 | Grid E/2 + 3 D/2 (1:2:4) 50%+50% | 2 | 5 | 2024 | 6x6x6 | --- | 8.8 | 36 | 74 | 4604 | --- | Engraved |
| 5 | Grid E/2 + 3 D/2 (1:2:4) 50%+50% | 2 | 5 | 2024 | 6x6x6 | --- | 9 | 36 | 70 | 4356 | --- | Engraved |
| 6 | Grid E/2 + 3 D/2 (1:2:4) 50%+50% | 2 | 5 | 2024 | 6x6x6 | --- | 8.6 | 36 | 74 | 4604 | --- | Engraved |
| 7 | Grid E/3 + 4 + 5 (1:2:4) 50%+50% | 3 | 5 | 2024 | 6x6x6 | --- | 8.8 | 36 | 92 | 5724 | --- | Engraved |
| 8 | Grid E/3 + 4 + 5 (1:2:4) 50%+50% | 3 | 5 | 2024 | 6x6x6 | --- | 9 | 36 | 95 | 5911 | --- | Engraved |
| 9 | Grid E/3 + 4 + 5 (1:2:4) 50%+50% | 3 | 5 | 2024 | 6x6x6 | --- | 9 | 36 | 94 | 5849 | --- | Engraved |
| 10 | Grid E/2 + 6 + 7 (1:2:4) 50%+50% | 4 | 5 | 2024 | 6x6x6 | --- | 8.6 | 36 | 84 | 5227 | --- | Engraved |
| 11 | Grid E/2 + 6 + 7 (1:2:4) 50%+50% | 4 | 5 | 2024 | 6x6x6 | --- | 8.4 | 36 | 74 | 4604 | --- | Engraved |
| 12 | Grid E/2 + 6 + 7 (1:2:4) 50%+50% | 4 | 5 | 2024 | 6x6x6 | --- | 9 | 36 | 95 | 5911 | --- | Engraved |
| 13 | Grid B/3 (1:2:4) 50%+50% | 5 | 5 | 2024 | 6x6x6 | --- | 8.6 | 36 | 82 | 5102 | --- | Engraved |
| 14 | Grid B/3 (1:2:4) 50%+50% | 5 | 5 | 2024 | 6x6x6 | --- | 8.6 | 36 | 84 | 5227 | --- | Engraved |
| 15 | Grid B/3 (1:2:4) 50%+50% | 5 | 5 | 2024 | 6x6x6 | --- | 8.6 | 36 | 84 | 5227 | --- | Engraved |
| 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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**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.

7313
Dr. Umbreen

**To:** Mr. Muhammad Nadeem Mirza
EMCON, Engineers & Contractors, Office No. 408, Al Khalil Center, Sublime Chowk, Sialkot.

**Project: Construction of AMB Building at AWAN SPORTS Sialkot**

**Our Ref. No. CL/CED/ 5129-2 of 3** **Dated: 21/6/2024** **Test Specification**

**Your Ref. No. Nil** **Dated: 13/6/2024** **( BS 1881-116 )**

# COMPRESSION TEST REPORT

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

**Specimens received on:** 13/6/2024 **Tested on:** 21/6/2024 **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 | Grid B/2 + 4 C/3 (1:2:4) 50%+50% | 6 | 5 | 2024 | 6x6x6 | --- | 8.8 | 36 | 84 | 5227 | --- | Engraved |
| 2 | Grid B/2 + 4 C/3 (1:2:4) 50%+50% | 6 | 5 | 2024 | 6x6x6 | --- | 8.8 | 36 | 83 | 5164 | --- | Engraved |
| 3 | Grid B/2 + 4 C/3 (1:2:4) 50%+50% | 6 | 5 | 2024 | 6x6x6 | --- | 9 | 36 | 70 | 4356 | --- | Engraved |
| 4 | Grid 5/B+C 4/C (1:2:4) 50%+50% | 7 | 5 | 2024 | 6x6x6 | --- | 9 | 36 | 74 | 4604 | --- | Engraved |
| 5 | Grid 5/B+C 4/C (1:2:4) 50%+50% | 7 | 5 | 2024 | 6x6x6 | --- | 8.6 | 36 | 86 | 5351 | --- | Engraved |
| 6 | Grid 5/B+C 4/C (1:2:4) 50%+50% | 7 | 5 | 2024 | 6x6x6 | --- | 9 | 36 | 88 | 5476 | --- | Engraved |
| 7 | Grid 7/c (1:2:4) 50%+50% | 8 | 5 | 2024 | 6x6x6 | --- | 8.8 | 36 | 82 | 5102 | --- | Engraved |
| 8 | Grid 7/c (1:2:4) 50%+50% | 8 | 5 | 2024 | 6x6x6 | --- | 8.6 | 36 | 73 | 4542 | --- | Engraved |
| 9 | Grid 6/C (1:2:4) 50%+50% | 8 | 5 | 2024 | 6x6x6 | --- | 8.6 | 36 | 72 | 4480 | --- | Engraved |
| 10 | Grid D/5 + 6 7/B (1:2:4) 50%+50% | 9 | 5 | 2024 | 6x6x6 | --- | 8.4 | 36 | 80 | 4978 | --- | Engraved |
| 11 | Grid D/5 + 6 7/B (1:2:4) 50%+50% | 9 | 5 | 2024 | 6x6x6 | --- | 8.4 | 36 | 78 | 4853 | --- | Engraved |
| 12 | Grid D/5 + 6 7/B (1:2:4) 50%+50% | 9 | 5 | 2024 | 6x6x6 | --- | 8.8 | 36 | 86 | 5351 | --- | Engraved |
| 13 | Grid D/3 (1:2:4) 50%+50% | 11 | 5 | 2024 | 6x6x6 | --- | 8.4 | 36 | 72 | 4480 | --- | Engraved |
| 14 | Grid D/3 (1:2:4) 50%+50% | 11 | 5 | 2024 | 6x6x6 | --- | 8.6 | 36 | 78 | 4853 | --- | Engraved |
| 15 | Grid D/4 (1:2:4) 50%+50% | 11 | 5 | 2024 | 6x6x6 | --- | 8.6 | 36 | 74 | 4604 | --- | Engraved |
| 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.

7313
Dr. Umbreen

**To:** Mr. Muhammad Nadeem Mirza
EMCON, Engineers & Contractors, Office No. 408, Al Khalil Center, Sublime Chowk, Sialkot.

**Project: Construction of AMB Building at AWAN SPORTS Sialkot**

**Our Ref. No. CL/CED/ 5129-3 of 3** **Dated: 21/6/2024** **Test Specification**

**Your Ref. No. Nil** **Dated: 13/6/2024** **( BS 1881-116 )**

# COMPRESSION TEST REPORT

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

**Specimens received on: 13/6/2024 Tested on: 21/6/2024 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 | Grid B/1 + 6 (1:2:4) 50%+50% | 12 | 5 | 2024 | 6x6x6 | --- | 8.8 | 36 | 84 | 5227 | --- | Engraved |
| 2 | Grid B/1 + 6 (1:2:4) 50%+50% | 12 | 5 | 2024 | 6x6x6 | --- | 8.6 | 36 | 86 | 5351 | --- | Engraved |
| 3 | Grid D/7 (1:2:4) 50%+50% | 12 | 5 | 2024 | 6x6x6 | --- | 9 | 36 | 92 | 5724 | --- | Engraved |
| 4 | Grid D/2+4+6 (1:1.5:3)100% lwr | 15 | 5 | 2024 | 6x6x6 | --- | 8.6 | 36 | 84 | 5227 | --- | Engraved |
| 5 | Grid D/2+4+6 (1:1.5:3)100% lwr | 15 | 5 | 2024 | 6x6x6 | --- | 8.8 | 36 | 84 | 5227 | --- | Engraved |
| 6 | Grid D/2+4+6 (1:1.5:3)100% lwr | 15 | 5 | 2024 | 6x6x6 | --- | 9 | 36 | 97 | 6036 | --- | Engraved |
| 7 | Grid C/2+4+6 (1:1.5:3) 100% lwr | 17 | 5 | 2024 | 6x6x6 | --- | 8.6 | 36 | 87 | 5413 | --- | Engraved |
| 8 | Grid C/2+4+6 (1:1.5:3) 100% lwr | 17 | 5 | 2024 | 6x6x6 | --- | 9 | 36 | 85 | 5289 | --- | Engraved |
| 9 | Grid C/2+4+6 (1:1.5:3) 100% lwr | 17 | 5 | 2024 | 6x6x6 | --- | 8.6 | 36 | 78 | 4853 | --- | Engraved |
| 10 | Grid B/1+3+7 (1:1.5:3) 100% lwr | 20 | 5 | 2024 | 6x6x6 | --- | 8.4 | 36 | 92 | 5724 | --- | Engraved |
| 11 | Grid B/1+3+7 (1:1.5:3) 100% lwr | 20 | 5 | 2024 | 6x6x6 | --- | 8.8 | 36 | 74 | 4604 | --- | Engraved |
| 12 | Grid B/1+3+7 (1:1.5:3) 100% lwr | 20 | 5 | 2024 | 6x6x6 | --- | 8.4 | 36 | 88 | 5476 | --- | Engraved |
| 13 | Grid F/1-7(1:2:4) R/Fnd 50%+50% | 21 | 5 | 2024 | 6x6x6 | --- | 8.6 | 36 | 105 | 6533 | --- | Engraved |
| 14 | Grid F/1-7(1:2:4) R/Fnd 50%+50% | 21 | 5 | 2024 | 6x6x6 | --- | 8.8 | 36 | 84 | 5227 | --- | Engraved |
| 15 | Grid F/1-7(1:2:4) R/Fnd 50%+50% | 21 | 5 | 2024 | 6x6x6 | --- | 8.4 | 36 | 106 | 6596 | --- | Engraved |
| 16 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

**Witnessed by:**

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

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

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

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

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**ORIGINAL**
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7313
Dr. Umbreen

**To:** Mr. Muhammad Nadeem Mirza
EMCON, Engineers & Contractors, Office No. 408, Al Khalil Center, Sublime Chowk, Sialkot.

**Project:** Construction of Main Store 2 Building at AWAN SPORTS Sialkot

**Our Ref. No.** CL/CED/ 5130 **Dated:** 21/6/2024 **Test Specification**

**Your Ref. No.** Nil **Dated:** 13/6/2024 ( BS 1881-116 )

# COMPRESSION TEST REPORT

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

**Specimens received on:** 13/6/2024 **Tested on:** 21/6/2024 **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 | Grid A/5 + 6 +7 (1:2:4) 50%+50% | 27 | 3 | 2024 | 6x6x6 | --- | 8.6 | 36 | 105 | 6533 | --- | Engraved |
| 2 | Grid A/5 + 6 +7 (1:2:4) 50%+50% | 27 | 3 | 2024 | 6x6x6 | --- | 8.8 | 36 | 109 | 6782 | --- | Engraved |
| 3 | Grid A/5 + 6 +7 (1:2:4) 50%+50% | 27 | 3 | 2024 | 6x6x6 | --- | 8.6 | 36 | 84 | 5227 | --- | Engraved |
| 4 | Grid D/5 + 6 +7 (1:2:4) 50%+50% | 29 | 3 | 2024 | 6x6x6 | --- | 8.2 | 36 | 94 | 5849 | --- | Engraved |
| 5 | Grid D/5 + 6 +7 (1:2:4) 50%+50% | 29 | 3 | 2024 | 6x6x6 | --- | 8.4 | 36 | 88 | 5476 | --- | Engraved |
| 6 | Grid D/5 + 6 +7 (1:2:4) 50%+50% | 29 | 3 | 2024 | 6x6x6 | --- | 8.8 | 36 | 88 | 5476 | --- | Engraved |
| 7 | Grid 11/A + B + C (1:2:4) 50%+50% | 30 | 3 | 2024 | 6x6x6 | --- | 8.6 | 36 | 98 | 6098 | --- | Engraved |
| 8 | Grid 11/A + B + C (1:2:4) 50%+50% | 30 | 3 | 2024 | 6x6x6 | --- | 8.6 | 36 | 86 | 5351 | --- | Engraved |
| 9 | Grid 11/A + B + C (1:2:4) 50%+50% | 30 | 3 | 2024 | 6x6x6 | --- | 9 | 36 | 86 | 5351 | --- | Engraved |
| 10 | Grid D/5 + 6 + 7 (1:1.5:3)100% lwr | 31 | 3 | 2024 | 6x6x6 | --- | 8.6 | 36 | 94 | 5849 | --- | Engraved |
| 11 | Grid D/5 + 6 + 7 (1:1.5:3)100% lwr | 31 | 3 | 2024 | 6x6x6 | --- | 8.4 | 36 | 98 | 6098 | --- | Engraved |
| 12 | Grid D/5 + 6 + 7 (1:1.5:3)100% lwr | 31 | 3 | 2024 | 6x6x6 | --- | 8.6 | 36 | 80 | 4978 | --- | Engraved |
| 13 | Grid 11/B + C + D (1:1.5:3) 100% lwr | 1 | 4 | 2024 | 6x6x6 | --- | 8.8 | 36 | 102 | 6347 | --- | Engraved |
| 14 | Grid 11/B + C + D (1:1.5:3) 100% lwr | 1 | 4 | 2024 | 6x6x6 | --- | 8.8 | 36 | 94 | 5849 | --- | Engraved |
| 15 | Grid 11/B + C + D (1:1.5:3) 100% lwr | 1 | 4 | 2024 | 6x6x6 | --- | 8.8 | 36 | 82 | 5102 | --- | Engraved |
| 16 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

**Witnessed by:**

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

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