



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.

8124
Dr. Aqsa

To: Mr. Zohaib Mehmood,
Executive Engineer (HQ) Auqaf Punjab, Lahore.

Project: Construction of Market at Waqf Land attached to Shrine Hazrat Shah Kamal (R.A.) Lahore.

Our Ref. No. CL/CED/ 6338

Dated: 05-11-24

Test Specification

Your Ref. No. II-LZ-DP(932)A/2023

Dated: 28/10/2024

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 30/10/2024 Tested on: 05-11-24 in dry/wet condition

| Sr. No. | Mark* | Casting Date* | | | 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 |
|---------|--------------|---------------|-----|------|--------------|-------------------------|-------------------------|-------------------------------|-----------------------------|--------------------------|----------------------|--------------|
| | | DD | MM | YYYY | | | | | | | | |
| 1 | Raft (1:2:4) | 18 | 5 | 2024 | 6Diax12 | --- | 13 | 28.28 | 49 | 3881 | --- | Non Engraved |
| 2 | Raft (1:2:4) | 18 | 5 | 2024 | 6Diax12 | --- | 12 | 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-reports/>

- * as engraved on the specimens (if any)
- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- **** 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

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

To: Mr. Zohaib Mehmood,
Executive Engineer (HQ) Auqaf Punjab, Lahore

Project: Construction of Market at Waqf Land attached to Shrine Hazrat Shah Kamal (R.A.) Lahore .

Our Ref. No. CL/CED/ 6339

Dated: 05-11-24

Test Specification

Your Ref. No. II-LZ-DP(932)A/2023

Dated: 28/10/2024

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 30/10/2024 Tested on: 05-11-24 in dry/wet condition

| Sr. No. | Mark* | Casting Date* | | | 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 |
|---------|---------------------|---------------|-----|------|--------------|-------------------------|-------------------------|-------------------------------|-----------------------------|--------------------------|----------------------|--------------|
| | | DD | MM | YYYY | | | | | | | | |
| 1 | Plinth Beam (1:2:4) | 11 | 7 | 2024 | 6Diax12 | --- | 13 | 28.28 | 28 | 2218 | --- | Non Engraved |
| 2 | Plinth Beam (1:2:4) | 11 | 7 | 2024 | 6Diax12 | --- | 13.2 | 28.28 | 50 | 3960 | --- | Non Engraved |
| 3 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 4 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 5 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 6 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 7 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 8 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 9 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 10 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 11 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
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- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as compressive strength

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To: Mr. Zohaib Mehmood,
Executive Engineer (HQ) Auqaf Punjab, Lahore

Project: Construction of Market at Waqf Land attached to Shrine Hazrat Shah Kamal (R.A.) Lahore

Our Ref. No. CL/CED/ 6340

Dated: 05-11-24

Test Specification

Your Ref. No. II-LZ-DP(932)A/2023

Dated: 28/10/2024

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 30/10/2024 Tested on: 05-11-24 in dry/wet condition

| Sr. No. | Mark* | Casting Date* | | | 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 |
|---------|------------------|---------------|-----|------|--------------|-------------------------|-------------------------|-------------------------------|-----------------------------|--------------------------|----------------------|--------------|
| | | DD | MM | YYYY | | | | | | | | |
| 1 | RCC Slab (1:2:4) | 1 | 9 | 2024 | 6Diax12 | --- | 13.6 | 28.28 | 41 | 3248 | --- | Non Engraved |
| 2 | RCC Slab (1:2:4) | 1 | 9 | 2024 | 6Diax12 | --- | 13 | 28.28 | 30 | 2376 | --- | Non Engraved |
| 3 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 4 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 5 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 6 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 7 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 8 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 9 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 10 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 11 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 12 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 13 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 14 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 15 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 16 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

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Dr. Aqsa

To: Mr. Zohaib Mehmood,
Executive Engineer (HQ) Auqaf Punjab, Lahore

Project: Construction of Market at Waqf Land attached to Shrine Hazrat Shah Kamal (R.A.) Lahore

Our Ref. No. CL/CED/ 6341

Dated: 05-11-24

Test Specification

Your Ref. No. II-LZ-DP(932)A/2023

Dated: 28/10/2024

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 30/10/2024 Tested on: 05-11-24 in dry/wet condition

| Sr. No. | Mark* | Casting Date* | | | 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 |
|---------|-------------------|---------------|-----|------|--------------|-------------------------|-------------------------|-------------------------------|-----------------------------|--------------------------|----------------------|--------------|
| | | DD | MM | YYYY | | | | | | | | |
| 1 | Columns (1:1.5:3) | 29 | 7 | 2024 | 6Diax12 | --- | 13 | 28.28 | 41 | 3248 | --- | Non Engraved |
| 2 | Columns (1:1.5:3) | 29 | 7 | 2024 | 6Diax12 | --- | 12.4 | 28.28 | 39 | 3089 | --- | Non Engraved |
| 3 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 4 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 5 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 6 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 7 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 8 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 9 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 10 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 11 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 12 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 13 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 14 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 15 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 16 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

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- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
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8123
Dr. Aqsa

To: Engr. Asif Jah
Executive Engineer Tamirat, Anjuman Himayat-I-Islam, 119 Multan Road, Lahore

Project: Construction of New Block H.I Higher Secondary School, Lahore

Our Ref. No. CL/CED/ 6342

Dated: 05-11-24

Test Specification

Your Ref. No. AHI/TM 1860

Dated: 29-10-24

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 30/10/2024 Tested on: 05-11-24 in dry/wet condition

| Sr. No. | Mark* | Casting Date* | | | 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 |
|---------|------------------------------|---------------|-----|------|--------------|-------------------------|-------------------------|-------------------------------|-----------------------------|--------------------------|----------------------|--------------|
| | | DD | MM | YYYY | | | | | | | | |
| 1 | 2nd F.Col. (1:1:2) Type C | 29 | 7 | 2024 | 6Diax12 | --- | 13.4 | 28.28 | 48 | 3802 | --- | Non Engraved |
| 2 | 2nd F.Col. (1:1:2) Type C | 29 | 7 | 2024 | 6Diax12 | --- | 13 | 28.28 | 40 | 3168 | --- | Non Engraved |
| 3 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 4 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 5 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 6 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 7 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 8 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 9 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 10 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 11 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 12 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 13 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 14 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 15 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
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- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
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Dr. Aqsa

To: Engr. Asif Jah
Executive Engineer Tamirat, Anjuman Himayat-I-Islam, 119 Multan Road, Lahore

Project: Construction of New Block H.I Higher Secondary School, Lahore

Our Ref. No. CL/CED/ 6343

Dated: 05-11-24

Test Specification

Your Ref. No. AHI/TM 1861

Dated: 29-10-24

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 30/10/2024 Tested on: 05-11-24 in dry/wet condition

| Sr. No. | Mark* | Casting Date* | | | 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 |
|---------|------------------------------|---------------|-----|------|--------------|-------------------------|-------------------------|-------------------------------|-----------------------------|--------------------------|----------------------|--------------|
| | | DD | MM | YYYY | | | | | | | | |
| 1 | 2nd F.Slab (1:2:4) Type C | 20 | 8 | 2024 | 6Diax12 | --- | 12.4 | 28.28 | 36 | 2851 | --- | Non Engraved |
| 2 | 2nd F.Slab (1:2:4) Type C | 20 | 8 | 2024 | 6Diax12 | --- | 12.2 | 28.28 | 42 | 3327 | --- | Non Engraved |
| 3 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 4 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 5 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 6 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 7 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
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 Dr. Aqsa

To: Engr. Asif Jah
 Executive Engineer Tamirat, Anjuman Himayat-I-Islam, 119 Multan Road, Lahore

Project: Construction of New Block H.I Higher Secondary School, Lahore

Our Ref. No. CL/CED/ 6344

Dated: 05-11-24

Test Specification

Your Ref. No. AHI/TM 1857

Dated: 29-10-24

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 30/10/2024 **Tested on:** 05-11-24 **in dry/wet condition**

| Sr. No. | Mark* | Casting Date* | | | 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 |
|---------|----------------------------|---------------|-----|------|--------------|-------------------------|-------------------------|-------------------------------|-----------------------------|--------------------------|----------------------|--------------|
| | | DD | MM | YYYY | | | | | | | | |
| 1 | G.F.Slab (1:2:4) Type C | 6 | 6 | 2024 | 6Diax12 | --- | 12.4 | 28.28 | 29 | 2297 | --- | Non Engraved |
| 2 | G.F.Slab (1:2:4) Type C | 6 | 6 | 2024 | 6Diax12 | --- | 12.6 | 28.28 | 37 | 2931 | --- | Non Engraved |
| 3 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 4 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 5 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
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 Dr. Aqsa

To: Engr. Asif Jah
 Executive Engineer Tamirat, Anjuman Himayat-I-Islam, 119 Multan Road, Lahore

Project: Construction of New Block H.I Higher Secondary School, Lahore

Our Ref. No. CL/CED/ 6345

Dated: 05-11-24

Test Specification

Your Ref. No. AHI/TM 1859

Dated: 29-10-24

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: Tested on: in dry/wet condition

| Sr. No. | Mark* | Casting Date* | | | 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 |
|---------|----------------------------|---------------|-----|------|--------------|-------------------------|-------------------------|-------------------------------|-----------------------------|--------------------------|----------------------|--------------|
| | | DD | MM | YYYY | | | | | | | | |
| 1 | F.F.Slab (1:2:4) Type C | 17 | 7 | 2024 | 6Diax12 | --- | 13.4 | 28.28 | 31 | 2455 | --- | Non Engraved |
| 2 | F.F.Slab (1:2:4) Type C | 17 | 7 | 2024 | 6Diax12 | --- | 13 | 28.28 | 27 | 2139 | --- | 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-reports/>

- * as engraved on the specimens (if any)
- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- **** 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

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

8123
Dr. Aqsa

To: Engr. Asif Jah
Executive Engineer Tamirat, Anjuman Himayat-I-Islam, 119 Multan Road, Lahore

Project: Construction of New Block H.I Higher Secondary School, Lahore

Our Ref. No. CL/CED/ 6346

Dated: 05-11-24

Test Specification

Your Ref. No. AHI/TM 1856

Dated: 29-10-24

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 30/10/2024 Tested on: 05-11-24 in dry/wet condition

| Sr. No. | Mark* | Casting Date* | | | 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 |
|---------|----------------------------|---------------|-----|------|--------------|-------------------------|-------------------------|-------------------------------|-----------------------------|--------------------------|----------------------|--------------|
| | | DD | MM | YYYY | | | | | | | | |
| 1 | G.F.Col. (1:1:2) Type C | 25 | 5 | 2024 | 6Diax12 | --- | 13 | 28.28 | 62 | 4911 | --- | Non Engraved |
| 2 | G.F.Col. (1:1:2) Type C | 25 | 5 | 2024 | 6Diax12 | --- | 13.4 | 28.28 | 52 | 4119 | --- | 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-reports/>

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

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

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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



Plain and Reinforced Concrete Laboratory

Civil Engineering Department

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.

8123
Dr. Aqsa

To: Engr. Asif Jah
Executive Engineer Tamirat, Anjuman Himayat-I-Islam, 119 Multan Road, Lahore

Project: Construction of New Block H.I Higher Secondary School, Lahore

Our Ref. No. CL/CED/ 6347

Dated: 05-11-24

Test Specification

Your Ref. No. AHI/TM 1858

Dated: 29-10-24

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 30/10/2024 Tested on: 05-11-24 in dry/wet condition

| Sr. No. | Mark* | Casting Date* | | | 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 |
|---------|----------------------------|---------------|-----|------|--------------|-------------------------|-------------------------|-------------------------------|-----------------------------|--------------------------|----------------------|--------------|
| | | DD | MM | YYYY | | | | | | | | |
| 1 | F.F.Col. (1:1:2) Type C | 10 | 7 | 2024 | 6Diax12 | --- | 13 | 28.28 | 44 | 3485 | --- | Non Engraved |
| 2 | F.F.Col. (1:1:2) Type C | 10 | 7 | 2024 | 6Diax12 | --- | 13.4 | 28.28 | 49 | 3881 | --- | Non Engraved |
| 3 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 4 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 5 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 6 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 7 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 8 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 9 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 10 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 11 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 12 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 13 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 14 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 15 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 16 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

Witnessed by:

Results can also be seen on website <https://civil.uet.edu.pk/concrete-laboratory-reports/>

- * as engraved on the specimens (if any)
- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- **** 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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- 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.

8153
 Dr. Aqsa

To: Engr. Hassan Mahmood
 Resident Engineer, G3 Engineering Consultants Pvt. Ltd

Project: Construction of DHA New Life Residencia Apartments at 273/1 Q Block Phase-II DHA, Lahore

Our Ref. No. CL/CED/ 6348

Dated: 05-11-24

Test Specification

Your Ref. No. G3/DHA-NLD/RE/279

Dated: 31-10-24

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 04/11/2024 Tested on: 05-11-24 in dry/wet condition

| Sr. No. | Mark* | Casting Date* | | | 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 |
|---------|---------------------------------|---------------|-----|------|--------------|-------------------------|-------------------------|-------------------------------|-----------------------------|--------------------------|----------------------|--------------|
| | | DD | MM | YYYY | | | | | | | | |
| 1 | 8A Slab 5th Floor (4000 Psi) | 3 | 10 | 2024 | 6Diax12 | --- | 14 | 28.28 | 60 | 4752 | --- | Non Engraved |
| 2 | 8A Slab 5th Floor (4000 Psi) | 3 | 10 | 2024 | 6Diax12 | --- | 14.4 | 28.28 | 81 | 6416 | --- | Non Engraved |
| 3 | 8A Slab 5th Floor (4000 Psi) | 3 | 10 | 2024 | 6Diax12 | --- | 14 | 28.28 | 70 | 5545 | --- | 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-reports/>

- * as engraved on the specimens (if any)
- ** 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

- 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.

8153
 Dr. Aqsa

To: Engr. Hassan Mahmood
 Resident Engineer, G3 Engineering Consultants Pvt. Ltd

Project: Construction of DHA New Life Residencia Apartments at 273/1 Q Block Phase-II DHA, Lahore

Our Ref. No. CL/CED/ 6349

Dated: 05-11-24

Test Specification

Your Ref. No. G3/DHA-NLD/RE/277

Dated: 31-10-24

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 04/11/2024 **Tested on:** 05-11-24 **in dry/wet condition**

| Sr. No. | Mark* | Casting Date* | | | 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 |
|---------|--------------------------------|---------------|-----|------|--------------|-------------------------|-------------------------|-------------------------------|-----------------------------|--------------------------|----------------------|--------------|
| | | DD | MM | YYYY | | | | | | | | |
| 1 | Column & Shear Wall (5000 Psi) | 3 | 10 | 2024 | 6Diax12 | --- | 13.2 | 28.28 | 82 | 6495 | --- | Non Engraved |
| 2 | Column & Shear Wall (5000 Psi) | 3 | 10 | 2024 | 6Diax12 | --- | 13.4 | 28.28 | 68 | 5386 | --- | Non Engraved |
| 3 | Column & Shear Wall (5000 Psi) | 3 | 10 | 2024 | 6Diax12 | --- | 13.2 | 28.28 | 80 | 6337 | --- | 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-reports/>

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- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



Plain and Reinforced Concrete Laboratory
Civil Engineering Department
 University of Engineering and Technology, Lahore, Pakistan
 Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

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

8153
 Dr. Aqsa

To: Engr. Hassan Mahmood
 Resident Engineer, G3 Engineering Consultant Pvt. Ltd.

Project: Construction of DHA New Life Residencia Apartments at 273/1 Q Block Phase-II DHA, Lahore

Our Ref. No. CL/CED/ 6350

Dated: 05-11-24

Test Specification

Your Ref. No. G3/DHA-NLD/RE/278

Dated: 31-10-24

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 04/11/2024 **Tested on:** 05-11-24 **in dry/wet condition**

| Sr. No. | Mark* | Casting Date* | | | 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 |
|---------|------------------------|---------------|-----|------|--------------|-------------------------|-------------------------|-------------------------------|-----------------------------|--------------------------|----------------------|--------------|
| | | DD | MM | YYYY | | | | | | | | |
| 1 | Septic Tank (4000 Psi) | 4 | 10 | 2024 | 6Diax12 | --- | 13.4 | 28.28 | 66 | 5228 | --- | Non Engraved |
| 2 | Septic Tank (4000 Psi) | 4 | 10 | 2024 | 6Diax12 | --- | 13.8 | 28.28 | 85 | 6733 | --- | Non Engraved |
| 3 | Septic Tank (4000 Psi) | 4 | 10 | 2024 | 6Diax12 | --- | 14 | 28.28 | 85 | 6733 | --- | Non Engraved |
| 4 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 5 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 6 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 7 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 8 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 9 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 10 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 11 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 12 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 13 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 14 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 15 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 16 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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.

8143
Dr. Aqsa

To: Mr. Tahawar Owais
Project Manager, DSG Energy, DS Global Pvt. Ltd. 20 Tariq Block, Garden Town, Lahore.

Project: Construction of Office Building at 29-M QIE, Lahore.

Our Ref. No. CL/CED/ 6351

Dated: 05-11-24

Test Specification

Your Ref. No. Nil

Dated: Nil

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 01/11/2024 Tested on: 05-11-24 in dry/wet condition

| Sr. No. | Mark* | Casting Date* | | | 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 |
|---------|-------|---------------|-----|------|--------------|-------------------------|-------------------------|-------------------------------|-----------------------------|--------------------------|----------------------|--------------|
| | | DD | MM | YYYY | | | | | | | | |
| 1 | --- | 30 | 9 | 2024 | 6Diax12 | --- | 13.8 | 28.28 | 57 | 4515 | --- | Non Engraved |
| 2 | --- | 30 | 9 | 2024 | 6Diax12 | --- | 13.4 | 28.28 | 42 | 3327 | --- | Non Engraved |
| 3 | --- | 30 | 9 | 2024 | 6Diax12 | --- | 14 | 28.28 | 48 | 3802 | --- | Non Engraved |
| 4 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 5 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 6 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 7 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 8 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 9 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 10 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 11 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 12 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 13 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 14 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 15 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 16 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

Witnessed by:

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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



Plain and Reinforced Concrete Laboratory
Civil Engineering Department
 University of Engineering and Technology, Lahore, Pakistan
 Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

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

8144
 Dr. Aqsa

To: Engr. Saeed Ahmad
 Resident Engineer, Master Consulting Engineers Pvt. Ltd.

Project: Revamping of Services Hospital Lahore, Group No.3 (Cafeteria Building)

Our Ref. No. CL/CED/ 6352

Dated: 05-11-24

Test Specification

Your Ref. No. Revamping/Services/Camp/99

Dated: 29-10-24

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: **Tested on:** **in dry/wet condition**

| Sr. No. | Mark* | Casting Date* | | | 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 |
|---------|--------------|---------------|-----|------|--------------|-------------------------|-------------------------|-------------------------------|-----------------------------|--------------------------|----------------------|--------------|
| | | DD | MM | YYYY | | | | | | | | |
| 1 | Slab (1:2:4) | 3 | 10 | 2024 | 6Diax12 | --- | 13.6 | 28.28 | 73 | 5782 | --- | Non Engraved |
| 2 | Slab (1:2:4) | 3 | 10 | 2024 | 6Diax12 | --- | 13.6 | 28.28 | 47 | 3723 | --- | Non Engraved |
| 3 | Slab (1:2:4) | 3 | 10 | 2024 | 6Diax12 | --- | 14.8 | 28.28 | 44 | 3485 | --- | 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/>

- * as engraved on the specimens (if any)
- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- **** 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

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

8130
Dr. Aqsa

To: Mr. Abdul Baseet
Material Engineer (BMC) Banu Mukhtar Contrcatng Pvt. Ltd.
Project: Burj-1 by AJWA Builders. (Main Building 6th Floor Zone-02. Shear Wall-03, Grid:C~D/9, Shear Wall-04, Grid:F~G/9)
Our Ref. No. CL/CED/ 6353 Dated: 05-11-24 Test Specification
Your Ref. No. DOC-BMC/AJWA/176 Dated: 30-10-24 (ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 30/10/2024 Tested on: 05-11-24 in dry/wet condition

| Sr. No. | Mark* | Casting Date* | | | 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 |
|---------|------------|---------------|-----|------|--------------|-------------------------|-------------------------|-------------------------------|-----------------------------|--------------------------|----------------------|--------------|
| | | DD | MM | YYYY | | | | | | | | |
| 1 | (6000 Psi) | 27 | 9 | 2024 | 6Diax12 | --- | 13.2 | 28.28 | 86 | 6812 | --- | Non Engraved |
| 2 | (6000 Psi) | 27 | 9 | 2024 | 6Diax12 | --- | 13.4 | 28.28 | 85 | 6733 | --- | Non Engraved |
| 3 | (6000 Psi) | 27 | 9 | 2024 | 6Diax12 | --- | 14.4 | 28.28 | 89 | 7050 | --- | 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-reports/>

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- ** 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

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- 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.

8137
 Dr. Aqsa

To: JR Private Limited.
 22, Street # 15, Cavalry Ground Ext. Lahore Cantt

Project: Construction of Sports Complex at DHA Phase-V Lahore.

Our Ref. No. CL/CED/ 6354

Dated: 05-11-24

Test Specification

Your Ref. No. Nil

Dated: 31-10-24

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 31/10/2024 Tested on: 05-11-24 in dry/wet condition

| Sr. No. | Mark* | Casting Date* | | | 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 |
|---------|---------------------------|---------------|-----|------|--------------|-------------------------|-------------------------|-------------------------------|-----------------------------|--------------------------|----------------------|--------------|
| | | DD | MM | YYYY | | | | | | | | |
| 1 | RCC Grade Slab (4000 Psi) | 2 | 10 | 2024 | 6Diax12 | --- | 13 | 28.28 | 83 | 6574 | --- | Non Engraved |
| 2 | RCC Grade Slab (4000 Psi) | 2 | 10 | 2024 | 6Diax12 | --- | 12.6 | 28.28 | 64 | 5069 | --- | Non Engraved |
| 3 | RCC Grade Slab (4000 Psi) | 2 | 10 | 2024 | 6Diax12 | --- | 13.2 | 28.28 | 58 | 4594 | --- | Non Engraved |
| 4 | RCC Grade Slab (4000 Psi) | 2 | 10 | 2024 | 6Diax12 | --- | 13.6 | 28.28 | 78 | 6178 | --- | Non Engraved |
| 5 | RCC Grade Slab (4000 Psi) | 2 | 10 | 2024 | 6Diax12 | --- | 14 | 28.28 | 79 | 6257 | --- | Non Engraved |
| 6 | RCC Grade Slab (4000 Psi) | 2 | 10 | 2024 | 6Diax12 | --- | 13.8 | 28.28 | 68 | 5386 | --- | Non Engraved |
| 7 | RCC Grade Slab (4000 Psi) | 3 | 10 | 2024 | 6Diax12 | --- | 13.4 | 28.28 | 69 | 5465 | --- | Non Engraved |
| 8 | RCC Grade Slab (4000 Psi) | 3 | 10 | 2024 | 6Diax12 | --- | 14 | 28.28 | 63 | 4990 | --- | Non Engraved |
| 9 | RCC Grade Slab (4000 Psi) | 3 | 10 | 2024 | 6Diax12 | --- | 13 | 28.28 | 68 | 5386 | --- | Non Engraved |
| 10 | RCC Grade Slab (4000 Psi) | 3 | 10 | 2024 | 6Diax12 | --- | 13.2 | 28.28 | 74 | 5861 | --- | Non Engraved |
| 11 | RCC Grade Slab (4000 Psi) | 3 | 10 | 2024 | 6Diax12 | --- | 14 | 28.28 | 63 | 4990 | --- | Non Engraved |
| 12 | RCC Grade Slab (4000 Psi) | 3 | 10 | 2024 | 6Diax12 | --- | 13.4 | 28.28 | 59 | 4673 | --- | Non Engraved |
| 13 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 14 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 15 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 16 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

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Results can also be seen on website <https://civil.uet.edu.pk/concrete-laboratory-reports/>

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