



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.

9521
Dr. Umbreen

To: Radiant Construction Technologies LLP, Sustainable Solutions
54-E, Mohafiz Town, Multan Road, Lahore.

Project: Nil

Our Ref. No. CL/CED/ 8534

Dated: 12/06/2025

Test Specification

Your Ref. No. Nil

Dated: 27/05/2025

(----)

COMPRESSION TEST REPORT



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

Specimens received on: 27/05/2025 Tested on: 12/06/2025 in dry/wet condition

| Sr. No. | Mark* | Casting Date* | | | Size | Wet Weight | Dry Weight | Area of X-Section | Ultimate load | Ultimate Stress | Water Absorption (%) | Remarks |
|---------|----------------|---------------|-----|------|-----------|------------|------------|-------------------|---------------|-----------------|----------------------|--------------|
| | | DD | MM | YYYY | (in) | (Kg/ gms) | (Kg/ gms) | (Sq. in) | (Imp.Tons) | (psi) | | |
| 1 | ConTile Bond R | 22 | 5 | 2025 | 2 x 2 x 2 | 240 | 235 | 4 | --- | --- | 2.13 | Non Engraved |
| 2 | ConTile Bond R | 22 | 5 | 2025 | 2 x 2 x 2 | 245 | 240 | 4 | --- | --- | 2.08 | Non Engraved |
| 3 | ConTile Bond R | 22 | 5 | 2025 | 2 x 2 x 2 | 250 | 245 | 4 | --- | --- | 2.04 | 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
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ORIGINAL

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9485
Dr. Umbreen

To: Radiant Construction Technologies LLP, Sustainable Solutions
54-E, Mohafiz Town, Multan Road, Lahore.

Project: Nil

Our Ref. No. CL/CED/ 8535

Dated: 12/06/2025

Test Specification

Your Ref. No. Nil

Dated: 22/05/2025

(----)

COMPRESSION TEST REPORT



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

Specimens received on: 22/05/2025 Tested on: 12/06/2025 in dry/wet condition

| Sr. No. | Mark* | Casting Date* | | | Size | Wet Weight | Dry Weight | Area of X-Section | Ultimate load | Ultimate Stress | Water Absorption (%) | Remarks |
|---------|----------------|---------------|-----|------|-----------|------------|------------|-------------------|---------------|-----------------|----------------------|--------------|
| | | DD | MM | YYYY | (in) | (Kg/ gms) | (Kg/ gms) | (Sq. in) | (Imp.Tons) | (psi) | | |
| 1 | ConTile Bond S | --- | --- | --- | 2 x 2 x 2 | 240 | 225 | 4 | --- | --- | 6.67 | Non Engraved |
| 2 | ConTile Bond S | --- | --- | --- | 2 x 2 x 2 | 235 | 220 | 4 | --- | --- | 6.82 | Non Engraved |
| 3 | ConTile Bond S | --- | --- | --- | 2 x 2 x 2 | 235 | 225 | 4 | --- | --- | 4.44 | Non Engraved |
| 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
- *** 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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ORIGINAL

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9485
Dr. Umbreen

To: Radiant Construction Technologies LLP, Sustainable Solutions
54-E, Mohafiz Town, Multan Road, Lahore.

Project: Nil

Our Ref. No. CL/CED/ 8536

Dated: 12/06/2025

Test Specification

Your Ref. No. Nil

Dated: 22/05/2025

(----)

COMPRESSION TEST REPORT



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

Specimens received on: 22/05/2025 Tested on: 12/06/2025 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 Absorpti on (%) | Remarks |
|---------|-----------------------|---------------|-----|------|--------------|----------------------------|----------------------------|----------------------------------|--------------------------------|-----------------------------|-----------------------------|--------------|
| | | DD | MM | YYYY | | | | | | | | |
| 1 | ConTile Bond White | --- | --- | --- | 2 x 2 x 2 | 240 | 210 | 4 | --- | --- | 14.29 | Non Engraved |
| 2 | ConTile Bond White | --- | --- | --- | 2 x 2 x 2 | 235 | 205 | 4 | --- | --- | 14.63 | Non Engraved |
| 3 | ConTile Bond White | --- | --- | --- | 2 x 2 x 2 | 235 | 210 | 4 | --- | --- | 11.9 | 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

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Director/Dy. Director Concrete Laboratory



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ORIGINAL

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

9573
Dr. Umbreen

To: Sub Divisional Officer
Buildings Sub Division No.2 Gujranwala

Project: Construction of Environment Complex in Gujranwala (ADP # 5860 the year 2023-24)

Our Ref. No. CL/CED/ 8537

Dated: 12/06/2025

Test Specification

Your Ref. No. No. 1546/G-21

Dated: 02/06/2025

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 04/06/2025 Tested on: 12/06/2025 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 Absorpti on (%) | Remarks |
|---------|---------------------------|---------------|-----|------|--------------|-------------------------|-------------------------|-------------------------------|-----------------------------|--------------------------|-----------------------|--------------|
| | | DD | MM | YYYY | | | | | | | | |
| 1 | Column (1:1-1/2:3) | 29 | 4 | 2025 | 6Diax12 | --- | 14 | 28.28 | 54 | 4277 | --- | Non Engraved |
| 2 | Column (1:1-1/2:3) | 29 | 4 | 2025 | 6Diax12 | --- | 13.2 | 28.28 | 66 | 5228 | --- | Non Engraved |
| 3 | Column (1:1-1/2:3) | 29 | 4 | 2025 | 6Diax12 | --- | 13.8 | 28.28 | 64 | 5069 | --- | Non Engraved |
| 4 | Strip/Plinth Beam (1:2:4) | 29 | 4 | 2025 | 6Diax12 | --- | 13.8 | 28.28 | 66 | 5228 | --- | Non Engraved |
| 5 | Strip/Plinth Beam (1:2:4) | 29 | 4 | 2025 | 6Diax12 | --- | 13 | 28.28 | 68 | 5386 | --- | Non Engraved |
| 6 | Strip/Plinth Beam (1:2:4) | 29 | 4 | 2025 | 6Diax12 | --- | 13.8 | 28.28 | 66 | 5228 | --- | Non Engraved |
| 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/>

- * 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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ORIGINAL

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9567
Dr. Umbreen

To: Mr. Muhammad Saleem
Material Engineer NESPAK, ADP WASA, Lahore

Project: Annual Development Program-WASA (ADP 2024-25) Rainwater Management-Drainage Arrangement for Sore Point at Tikka Chowk, Lahore.

Our Ref. No. CL/CED/ 8538

Dated: 12/06/2025

Test Specification

Your Ref. No.

NESPAK/WASA/ADP/UGWT/ME/TIKKA CHOWK/15

Dated: 28/05/2025

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 03/06/2025 Tested on: 12/06/2025 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 | Drain Bed 4000 Psi | 22 | 4 | 2025 | 6Diax12 | --- | 13 | 28.28 | 70 | 5545 | --- | Non Engraved |
| 2 | Drain Bed 4000 Psi | 22 | 4 | 2025 | 6Diax12 | --- | 13 | 28.28 | 66 | 5228 | --- | Non Engraved |
| 3 | Drain Bed 4000 Psi | 22 | 4 | 2025 | 6Diax12 | --- | 13 | 28.28 | 62 | 4911 | --- | Non Engraved |
| 4 | Walls 4000 Psi | 25 | 4 | 2025 | 6Diax12 | --- | 14 | 28.28 | 46 | 3644 | --- | Non Engraved |
| 5 | Walls 4000 Psi | 25 | 4 | 2025 | 6Diax12 | --- | 13 | 28.28 | 46 | 3644 | --- | Non Engraved |
| 6 | Walls 4000 Psi | 25 | 4 | 2025 | 6Diax12 | --- | 13.2 | 28.28 | 42 | 3327 | --- | Non Engraved |
| 7 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 8 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 9 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 10 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 11 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 12 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 13 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 14 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 15 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 16 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

Witnessed by: Nil

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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



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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.

9581
Dr. Umbreen

To: Mr. Basharat Ismail
LCC Pvt Ltd.

Project: Jazz Solar Project (Site ID HWY-2722)

Our Ref. No. CL/CED/ 8539

Dated: 12/06/2025

Test Specification

Your Ref. No. Nil

Dated: Nil

(BS 1881-116)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 05/06/2025 Tested on: 12/06/2025 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 & Column (1:1.5:3) | 22 | 5 | 2025 | 6x6x6 | --- | 8 | 36 | 100 | 6222 | --- | Non Engraved |
| 2 | Raft & Column (1:1.5:3) | 22 | 5 | 2025 | 6x6x6 | --- | 7.8 | 36 | 44 | 2738 | --- | Non Engraved |
| 3 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 4 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 5 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 6 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 7 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 8 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 9 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 10 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 11 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 12 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 13 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 14 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 15 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 16 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

Witnessed by: Nil

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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
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9581
Dr. Umbreen

To: Mr. Basharat Ismail
LCC Pvt. Ltd

Project: Jazz Solar Project (Site ID HWY-2741)

Our Ref. No. CL/CED/ 8540

Your Ref. No. Nil

Dated: 12/06/2025

Dated: Nil

Test Specification
(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 05/06/2025 Tested on: 12/06/2025 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 & Column (1-1.5:3) | 25 | 5 | 2025 | 6x6x6 | --- | 8.2 | 36 | 98 | 6098 | --- | Non-Engraved |
| 2 | Raft & Column (1-1.5:3) | 25 | 5 | 2025 | 6x6x6 | --- | 8 | 36 | 60 | 3733 | --- | Non-Engraved |
| 3 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 4 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 5 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 6 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 7 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 8 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 9 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
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| 15 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 16 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

Witnessed by: Nil

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Director/Dy. Director Concrete Laboratory



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9581
Dr. Umbreen

To: Mr. Basharat Ismail
LCC Pvt. Ltd

Project: Jazz Solar Project (Site ID HWY-2746)

Our Ref. No. CL/CED/ 8541

Your Ref. No. Nil

Dated: 12/06/2025

Dated: Nil

Test Specification

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 05/06/2025 Tested on: 12/06/2025 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 & Column (1:1.5:3) | 27 | 5 | 2025 | 6x6x6 | --- | 8 | 36 | 74 | 4604 | --- | Non-Engraved |
| 2 | Raft & Column (1:1.5:3) | 27 | 5 | 2025 | 6x6x6 | --- | 8 | 36 | 76 | 4729 | --- | Non-Engraved |
| 3 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 4 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 5 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 6 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 7 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 8 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 9 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 10 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 11 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 12 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 13 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 14 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 15 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 16 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

Witnessed by: Nil

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

- * 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.

9581
Dr. Umbreen

To: Mr. Basharat Ismail
LCC Pvt. Ltd

Project: Jazz Solar Project (Site ID RUR-6083)

Our Ref. No. CL/CED/ 8542

Dated: 12/06/2025

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: 05/06/2025 Tested on: 12/06/2025 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 & Column (1:1.5:3) | 29 | 5 | 2025 | 6x6x6 | --- | 8 | 36 | 98 | 6098 | --- | Non-Engraved |
| 2 | Raft & Column (1:1.5:3) | 29 | 5 | 2025 | 6x6x6 | --- | 8 | 36 | 105 | 6533 | --- | Non-Engraved |
| 3 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 4 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 5 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 6 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 7 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 8 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 9 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 10 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 11 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 12 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 13 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 14 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 15 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 16 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

Witnessed by: Nil

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

- * 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.

9588
Dr. Umbreen

To: Mr. Basharat Ismail
LCC Pvt. Ltd

Project: Jazz Solar Project (Site ID RUR-7425)

Our Ref. No. CL/CED/ 8543

Your Ref. No. Nil

Dated: 12/06/2025

Dated: Nil

Test Specification
(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 11/06/2025 Tested on: 12/06/2025 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 & Column (1:1.5:3) | 2 | 6 | 2025 | 6x6x6 | --- | 8 | 36 | 98 | 6098 | --- | Non-Engraved |
| 2 | Raft & Column (1:1.5:3) | 2 | 6 | 2025 | 6x6x6 | --- | 8.6 | 36 | 130 | 8089 | --- | Non-Engraved |
| 3 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 4 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 5 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 6 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 7 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 8 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 9 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 10 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 11 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 12 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 13 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 14 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 15 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 16 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

Witnessed by: Nil

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

- * 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.

9564

Dr. Umbreen

To: Mr. Abdul Baseet
Material Engineer, Banu Mukhtar Contracting Pvt Ltd.

Project: Burj-1 by Ajwa Builders. (Lift # 05 Column Grid:-H'/4, Lift Wall-02, Grid:- F/4)

Our Ref. No. CL/CED/ 8544

Dated: 12/06/2025

Test Specification

Your Ref. No. DOC-BMC/AJWA/193

Dated: 03/06/2025

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 03/06/2025 Tested on: 12/06/2025 in dry/wet condition



| Sr. No. | Mark* | Casting Date* | | | Size | Wet Weight | Dry Weight | Area of X-Section | Ultimate load | Ultimate Stress | Water Absorption (%) | Remarks |
|---------|-------------------------------------|---------------|-----|------|---------|------------|------------|-------------------|---------------|-----------------|----------------------|--------------|
| | | DD | MM | YYYY | (in) | (Kg/ gms) | (Kg/ gms) | (Sq. in) | (Imp.Tons) | (psi) | | |
| 1 | Main Bldg. 10th-F Zone-02, 6000 Psi | 1 | 5 | 2025 | 6Diax12 | --- | 14 | 28.28 | 96 | 7604 | --- | Non Engraved |
| 2 | Main Bldg. 10th-F Zone-02, 6000 Psi | 1 | 5 | 2025 | 6Diax12 | --- | 13.8 | 28.28 | 74 | 5861 | --- | Non Engraved |
| 3 | Main Bldg. 10th-F Zone-02, 6000 Psi | 1 | 5 | 2025 | 6Diax12 | --- | 13.2 | 28.28 | 84 | 6653 | --- | Non Engraved |
| 4 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 5 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 6 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 7 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 8 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 9 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 10 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 11 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 12 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 13 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 14 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 15 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 16 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

Witnessed by: Nil

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

- * 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.

9518
Dr. Umbreen

To: **Baryar Builders**
Near Sialkot Cantt, Charpar Road, Sialkot.

Project: **Diamond City Sialkot Road**

Our Ref. No. **CL/CED/ 8545**

Dated: **12/06/2025**

Test Specification

Your Ref. No. **Nil**

Dated: **27/05/2025**

(---)

COMPRESSION TEST REPORT



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

Specimens received on: **27/05/2025** Tested on: **12/06/2025** 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 Absorpti on (%) | Remarks |
|---------|-------------------------|---------------|-----|------|--------------|-------------------------|-------------------------|-------------------------------|-----------------------------|--------------------------|-----------------------|---------|
| | | DD | MM | YYYY | | | | | | | | |
| 1 | Rectangular, Grey, 60mm | --- | --- | --- | 7.8x3.8x2.4 | --- | 2760 | 29.64 | 90 | 6802 | --- | --- |
| 2 | Rectangular, Grey, 60mm | --- | --- | --- | 7.8x3.8x2.4 | --- | 2855 | 29.64 | 110 | 8313 | --- | --- |
| 3 | Rectangular, Grey, 60mm | --- | --- | --- | 7.8x3.8x2.4 | --- | 2790 | 29.64 | 100 | 7557 | --- | --- |
| 4 | Rectangular, Grey, 60mm | --- | --- | --- | 7.8x3.8x2.4 | --- | 2840 | 29.64 | 106 | 8011 | --- | --- |
| 5 | Rectangular, Grey, 60mm | --- | --- | --- | 7.8x3.8x2.4 | --- | 2600 | 29.64 | 108 | 8162 | --- | --- |
| 6 | Rectangular, Grey, 60mm | --- | --- | --- | 7.8x3.8x2.4 | --- | 2825 | 29.64 | 84 | 6348 | --- | --- |
| 7 | Rectangular, Grey, 60mm | --- | --- | --- | 7.8x3.8x2.4 | --- | 2740 | 29.64 | 110 | 8313 | --- | --- |
| 8 | Rectangular, Grey, 60mm | --- | --- | --- | 7.8x3.8x2.4 | --- | 2830 | 29.64 | 102 | 7709 | --- | --- |
| 9 | Rectangular, Grey, 60mm | --- | --- | --- | 7.8x3.8x2.4 | --- | 2815 | 29.64 | 126 | 9522 | --- | --- |
| 10 | Rectangular, Grey, 60mm | --- | --- | --- | 7.8x3.8x2.4 | --- | 2730 | 29.64 | 112 | 8464 | --- | --- |
| 11 | Rectangular, Grey, 60mm | --- | --- | --- | 7.8x3.8x2.4 | --- | 2815 | 29.64 | 110 | 8313 | --- | --- |
| 12 | Rectangular, Grey, 60mm | --- | --- | --- | 7.8x3.8x2.4 | --- | 2845 | 29.64 | 116 | 8767 | --- | --- |
| 13 | Rectangular, Grey, 60mm | --- | --- | --- | 7.8x3.8x2.4 | --- | 2800 | 29.64 | 124 | 9371 | --- | --- |
| 14 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 15 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 16 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

Witnessed by: **Nil**

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.

9537
Dr. Umbreen

To: Assistant Project Director
Project Management Unit (PMU) Government of the Punjab Sports Board Punjab.
Project: Completion of International Squash Complex at Nishtar Park Sports Complex, Lahore. Phase II G.S No. 300.
Our Ref. No. CL/CED/ 8546
Your Ref. No. NO. APD/PMU/SBP/LHR/25/925

Dated: 12/06/2025

Test Specification

Dated: 29/05/2025

(---)

COMPRESSION TEST REPORT



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

Specimens received on: 30/05/2025 Tested on: 12/06/2025 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 Absorpti on (%) | Remarks |
|---------|-------------------------|---------------|-----|------|--------------|-------------------------|-------------------------|-------------------------------|-----------------------------|--------------------------|-----------------------|---------|
| | | DD | MM | YYYY | | | | | | | | |
| 1 | Rectangular, Grey, 60mm | --- | --- | --- | 7.8x3.8x2.4 | --- | 2770 | 29.64 | 140 | 10580 | --- | --- |
| 2 | Rectangular, Grey, 60mm | --- | --- | --- | 7.8x3.8x2.4 | --- | 2695 | 29.64 | 85 | 6424 | --- | --- |
| 3 | Rectangular, Grey, 60mm | --- | --- | --- | 7.8x3.8x2.4 | --- | 2720 | 29.64 | 120 | 9069 | --- | --- |
| 4 | Rectangular, Grey, 60mm | --- | --- | --- | 7.8x3.8x2.4 | --- | 2785 | 29.64 | 124 | 9371 | --- | --- |
| 5 | Rectangular, Grey, 60mm | --- | --- | --- | 7.8x3.8x2.4 | --- | 2805 | 29.64 | 120 | 9069 | --- | --- |
| 6 | Rectangular, Grey, 60mm | --- | --- | --- | 7.8x3.8x2.4 | --- | 2740 | 29.64 | 118 | 8918 | --- | --- |
| 7 | Rectangular, Grey, 60mm | --- | --- | --- | 7.8x3.8x2.4 | --- | 2745 | 29.64 | 110 | 8313 | --- | --- |
| 8 | Rectangular, Grey, 60mm | --- | --- | --- | 7.8x3.8x2.4 | --- | 2730 | 29.64 | 120 | 9069 | --- | --- |
| 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/>

- * 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.

9571
Dr. Umbreen

To: Mr. Muhammad Zaid Azeez
Material Engineer NESPAK.

Project: Improvement of Water Supply/Sewerage System in UC-46 Ravi Zone Lahore

Our Ref. No. CL/CED/ 8547

Dated: 12/06/2025

Test Specification

Your Ref. No. NESPAK/WASA/RAVI-II/RE/213

Dated: 30/05/2025

(---)

COMPRESSION TEST REPORT



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

Specimens received on: 04/06/2025 Tested on: 12/06/2025 in dry/wet condition



| Sr. No. | Mark* | Casting Date* | | | Size | Wet Weight | Dry Weight | Area of X-Section | Ultimate load | Ultimate Stress | Water Absorption (%) | Remarks |
|---------|-------------------------|---------------|-----|------|-------------|------------|------------|-------------------|---------------|-----------------|----------------------|---------|
| | | DD | MM | YYYY | (in) | (Kg/ gms) | (Kg/ gms) | (Sq. in) | (Imp.Tons) | (psi) | | |
| 1 | Rectangular, Grey, 80mm | --- | --- | --- | 7.8x3.8x3.0 | --- | 3605 | 29.64 | 64 | 4837 | --- | --- |
| 2 | Rectangular, Grey, 80mm | --- | --- | --- | 7.8x3.8x3.0 | --- | 3705 | 29.64 | 86 | 6499 | --- | --- |
| 3 | Rectangular, Grey, 80mm | --- | --- | --- | 7.8x3.8x3.0 | --- | 3595 | 29.64 | 114 | 8615 | --- | --- |
| 4 | Rectangular, Grey, 80mm | --- | --- | --- | 7.8x3.8x3.0 | --- | 3640 | 29.64 | 115 | 8691 | --- | --- |
| 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/>

- * 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.

9556
Dr. Umbreen

To: Quality Paver Industry
Near Moon Market, Lahore.

Project: Nil

Our Ref. No. CL/CED/ 8548

Dated: 12/06/2025

Test Specification

Your Ref. No. Nil

Dated: Nil

(---)

COMPRESSION TEST REPORT



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

Specimens received on: 02/06/2025 Tested on: 12/06/2025 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 Absorpti on (%) | Remarks |
|---------|-------------------------|---------------|-----|------|--------------|----------------------------|----------------------------|----------------------------------|--------------------------------|-----------------------------|-----------------------------|---------|
| | | DD | MM | YYYY | | | | | | | | |
| 1 | Uni-Block Grey, 80mm | --- | --- | --- | 3.2 thick | --- | 4590 | 37.44 | 94 | 5624 | --- | --- |
| 2 | Uni-Block Grey, 80mm | --- | --- | --- | 3.2 thick | --- | 4305 | 37.44 | 102 | 6103 | --- | --- |
| 3 | Uni-Block Grey, 80mm | --- | --- | --- | 3.2 thick | --- | 4495 | 37.44 | 88 | 5265 | --- | --- |
| 4 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 5 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 6 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 7 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 8 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 9 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 10 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 11 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 12 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 13 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 14 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 15 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 16 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

Witnessed by: Nil

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

- * 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.

9556
Dr. Umbreen

To: Quality Paver Industry
Near Moon Market, Lahore.

Project: Nil

Our Ref. No. CL/CED/ 8549

Dated: 12/06/2025

Test Specification

Your Ref. No. Nil

Dated: Nil

(---)

COMPRESSION TEST REPORT



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

Specimens received on: 02/06/2025 Tested on: 12/06/2025 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 Absorpti on (%) | Remarks |
|---------|-------------------------|---------------|-----|------|--------------|----------------------------|----------------------------|----------------------------------|--------------------------------|-----------------------------|-----------------------------|---------|
| | | DD | MM | YYYY | | | | | | | | |
| 1 | Uni-Block Grey, 80mm | --- | --- | --- | 3.2 thick | --- | 4420 | 37.44 | 134 | 8017 | --- | --- |
| 2 | Uni-Block Grey, 80mm | --- | --- | --- | 3.2 thick | --- | 4585 | 37.44 | 124 | 7419 | --- | --- |
| 3 | Uni-Block Grey, 80mm | --- | --- | --- | 3.2 thick | --- | 4595 | 37.44 | 106 | 6342 | --- | --- |
| 4 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 5 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 6 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 7 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 8 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 9 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 10 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 11 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 12 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 13 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 14 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 15 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 16 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

Witnessed by: Nil

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

- * 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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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.

9556
Dr. Umbreen

To: Quality Paver Industry
Near Moon Market, Lahore.

Project: Nil

Our Ref. No. CL/CED/ 8550

Dated: 12/06/2025

Test Specification

Your Ref. No. Nil

Dated: Nil

(---)

COMPRESSION TEST REPORT



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

Specimens received on: 02/06/2025 Tested on: 12/06/2025 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 Absorpti on (%) | Remarks |
|---------|----------------------|---------------|-----|------|--------------|-------------------------|-------------------------|-------------------------------|-----------------------------|--------------------------|-----------------------|---------|
| | | DD | MM | YYYY | | | | | | | | |
| 1 | Uni-Block Grey, 80mm | --- | --- | --- | 3.2 thick | --- | 4595 | 37.44 | 106 | 6342 | --- | --- |
| 2 | Uni-Block Grey, 80mm | --- | --- | --- | 3.2 thick | --- | 4520 | 37.44 | 128 | 7658 | --- | --- |
| 3 | Uni-Block Grey, 80mm | --- | --- | --- | 3.2 thick | --- | 4710 | 37.44 | 126 | 7538 | --- | --- |
| 4 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 5 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 6 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 7 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 8 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 9 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 10 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 11 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 12 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 13 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 14 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 15 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 16 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

Witnessed by: Nil

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ORIGINAL

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9556
Dr. Umbreen

To: Quality Paver Industry
Near Moon Market, Lahore.

Project: Nil

Our Ref. No. CL/CED/ 8551

Dated: 12/06/2025

Test Specification

Your Ref. No. Nil

Dated: Nil

(---)

COMPRESSION TEST REPORT



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Specimens received on: 02/06/2025 Tested on: 12/06/2025 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 Absorpti on (%) | Remarks |
|---------|-------------------------|---------------|-----|------|--------------|----------------------------|----------------------------|----------------------------------|--------------------------------|-----------------------------|-----------------------------|---------|
| | | DD | MM | YYYY | | | | | | | | |
| 1 | Uni-Block Grey, 80mm | --- | --- | --- | 3.2 thick | --- | 4560 | 37.44 | 74 | 4427 | --- | --- |
| 2 | Uni-Block Grey, 80mm | --- | --- | --- | 3.2 thick | --- | 4200 | 37.44 | 105 | 6282 | --- | --- |
| 3 | Uni-Block Grey, 80mm | --- | --- | --- | 3.2 thick | --- | 4420 | 37.44 | 90 | 5385 | --- | --- |
| 4 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 5 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 6 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 7 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 8 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 9 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 10 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
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Witnessed by: Nil

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