

**Civil Engineering Department** 

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

8176 Dr. Aqsa

#### To: Mr. Rana Imran

BUILDIKO Lets Build Dreams. 32-Q, M.A Johar Town, Lahore.

| Project: M-20 Johar Town. |        |          |                    |
|---------------------------|--------|----------|--------------------|
| Our Ref. No. CL/CED/ 6355 | Dated: | 06-11-24 | Test Specification |
| Your Ref. No. Nil         | Dated: | Nil      | ( )                |

## **COMPRESSION TEST REPORT**

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

| Specim  | ens received on:           | 0   | 6-11 | -24   | Tested on:      | 06-1                          | 1-24                | in dry/wet           | t condition      |                    |                             | ONLINE REPORT |
|---------|----------------------------|-----|------|-------|-----------------|-------------------------------|---------------------|----------------------|------------------|--------------------|-----------------------------|---------------|
| Sr. No. | Mark*                      | Cas | ting | Date* | Size            | Wet<br>Weight                 | Dry<br>Weight       | Area of<br>X-Section | Ultimate<br>load | Ultimate<br>Stress | Water<br>Absorpti<br>on (%) | Remarks       |
|         |                            | DD  | ММ   | YYYY  | (in)            | (Kg/ gms)                     | (Kg/ gms)           | (Sq. in)             | (Imp.Tons)       | (psi)              | 011 (70)                    |               |
| 1       | Rectangular, Grey,<br>60mm |     |      |       | 7.8 x 3.8 x 2.4 |                               | 2695                | 29.64                | 46               | 3476               |                             |               |
| 2       | Rectangular, Grey,<br>60mm |     |      |       | 7.8 x 3.8 x 2.4 |                               | 2735                | 29.64                | 50               | 3779               |                             |               |
| 3       | Rectangular, Grey,<br>60mm |     |      |       | 7.8 x 3.8 x 2.4 |                               | 2800                | 29.64                | 50               | 3779               |                             |               |
| 4       |                            |     |      |       |                 |                               |                     |                      |                  |                    |                             |               |
| 5       |                            |     |      |       |                 | N BINE                        | RINTS               |                      |                  |                    |                             |               |
| 6       |                            |     |      |       | >               | READ IN                       | 2071                | ×                    |                  |                    |                             |               |
| 7       |                            |     |      |       |                 | OF THY<br>BORD WHO<br>OREATES | ریجب<br>اندگی خلق ر | 103                  |                  |                    |                             |               |
| 8       |                            |     |      |       | 1               |                               |                     |                      |                  |                    |                             |               |
| 9       |                            |     |      |       |                 |                               | 100                 |                      |                  |                    |                             |               |
| 10      |                            |     |      |       |                 | /A                            | IORE                |                      |                  |                    |                             |               |
| 11      |                            |     |      |       |                 |                               |                     |                      |                  |                    |                             |               |
| 12      |                            | -   |      |       |                 |                               |                     |                      |                  | -                  |                             |               |
| 13      |                            |     |      |       |                 |                               |                     |                      |                  |                    |                             |               |
| 14      |                            |     |      |       |                 |                               |                     |                      |                  |                    |                             |               |
| 15      |                            |     |      |       |                 |                               |                     |                      |                  |                    |                             |               |
| 16      |                            |     |      |       |                 |                               |                     |                      |                  |                    |                             |               |
| Witnoog | ad by                      |     |      |       |                 |                               |                     |                      |                  |                    |                             |               |

#### Witnessed by:

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

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

2. \*\* BS3921 requires average of ten clay brick samples for crushing strength and water absorption

3. \*\*\* BS5328 requires mean of two cube sample strength at 28 days as characteristic strength

4. \*\*\*\* ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as compressive strength

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

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



**Civil Engineering Department** 

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> 8163 Dr. Aqsa

#### To: Mr. Farrukh Jamal

Projects Manager, UNICON CONSULTING SERVICES

Project: Construction of Bank of Punjab Building at C-Block, Model Town Lahore

| Our Ref. No. CL/CED/ 6356 | Dated: | 06-11-24 | Test Specification |
|---------------------------|--------|----------|--------------------|
| Your Ref. No. Nil         | Dated: | 04-11-24 | (ASTM C39)         |

## **COMPRESSION TEST REPORT**



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

| Specimo | ens received on: | 0   | 4-11       | -24   | Tested on:   | 06-1                           | 11-24                      | in dry/we                        | t condition                    |                             | 0                           | i Centrali   |
|---------|------------------|-----|------------|-------|--------------|--------------------------------|----------------------------|----------------------------------|--------------------------------|-----------------------------|-----------------------------|--------------|
| Sr. No. | Mark*            | Cas | ting<br>MM | Date* | Size<br>(in) | Wet<br>Weight<br>(Ka/ ams)     | Dry<br>Weight<br>(Ka/ ams) | Area of<br>X-Section<br>(Sɑ. in) | Ultimate<br>load<br>(Imp.Tons) | Ultimate<br>Stress<br>(psi) | Water<br>Absorpti<br>on (%) | Remarks      |
| 1       | First Floor Slab | 30  | 9          | 2024  | 6Diax12      |                                | 13.6                       | 28.28                            | 65                             | 5149                        |                             | Non Engraved |
| 2       | First Floor Slab | 30  | 9          | 2024  | 6Diax12      |                                | 14                         | 28.28                            | 65                             | 5149                        |                             | Non Engraved |
| 3       | First Floor Slab | 30  | 9          | 2024  | 6Diax12      |                                | 13.4                       | 28.28                            | 58                             | 4594                        |                             | Non Engraved |
| 4       |                  |     |            |       |              | /                              |                            |                                  |                                |                             |                             |              |
| 5       |                  |     |            |       |              | THE                            | RING .                     |                                  |                                |                             |                             |              |
| 6       |                  |     |            |       | - )          | READ IN                        | 207                        |                                  |                                |                             |                             |              |
| 7       |                  |     |            |       | È            | OF THY<br>-CORD WHC<br>CREATES | رتجب<br>الذكي خلق ر        | <u>-</u>                         |                                |                             |                             |              |
| 8       |                  |     |            |       |              |                                |                            | 5-                               |                                |                             |                             |              |
| 9       |                  |     |            |       | >            | 10-                            |                            | 2                                |                                |                             |                             |              |
| 10      |                  |     |            |       | <            | / A                            | IORL.                      |                                  |                                |                             |                             |              |
| 11      |                  |     |            |       |              |                                |                            |                                  |                                |                             |                             |              |
| 12      |                  |     |            |       |              |                                |                            |                                  |                                |                             |                             |              |
| 13      |                  |     |            |       |              |                                |                            |                                  |                                |                             |                             |              |
| 14      |                  |     |            |       |              |                                |                            |                                  |                                |                             |                             |              |
| 15      |                  |     |            |       |              |                                |                            |                                  |                                |                             |                             |              |
| 16      |                  |     |            |       |              |                                |                            |                                  |                                |                             |                             |              |
| Mitpage | ad bu            |     |            |       |              |                                |                            |                                  |                                |                             |                             |              |

#### Witnessed by:

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

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

2. \*\* BS3921 requires average of ten clay brick samples for crushing strength and water absorption

3. \*\*\* BS5328 requires mean of two cube sample strength at 28 days as characteristic strength

4. \*\*\*\* ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as comprensive strength

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

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

Supervisor (Lab)



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> 8163 Dr. Aqsa

#### To: Mr. Farrukh Jamal

Projects Manager, UNICON CONSULTING SERVICES

Project: Construction of Bank of Punjab Building at C-Block, Model Town Lahore

| Our Ref. No. CL/CE | ED/ 6357 | Dated: | 06-11-24 | Test Specification |
|--------------------|----------|--------|----------|--------------------|
| Your Ref. No.      | Nil      | Dated: | 21-10-24 | (ASTM C39)         |

## **COMPRESSION TEST REPORT**



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

| Specim      | ens received on:   | 0   | 4-11 | -24   | Tested on: | 06-1          | 11-24              | in dry/we            | t condition      |                    | 0                 | i Centrali   |
|-------------|--------------------|-----|------|-------|------------|---------------|--------------------|----------------------|------------------|--------------------|-------------------|--------------|
| Sr. No.     | Mark*              | Cas | ting | Date* | Size       | Wet<br>Weight | Dry<br>Weight      | Area of<br>X-Section | Ultimate<br>Ioad | Ultimate<br>Stress | Water<br>Absorpti | Remarks      |
|             |                    | DD  | MM   | YYYY  | (in)       | (Kg/ gms)     | (Kg/ gms)          | (Sq. in)             | (Imp.Tons)       | (psi)              | 011 (%)           |              |
| 1           | First Floor Column | 22  | 9    | 2024  | 6Diax12    |               | 12.8               | 28.28                | 64               | 5069               |                   | Non Engraved |
| 2           | First Floor Column | 22  | 9    | 2024  | 6Diax12    |               | 13                 | 28.28                | 73               | 5782               |                   | Non Engraved |
| 3           | First Floor Column | 22  | 9    | 2024  | 6Diax12    |               | 12.8               | 28.28                | 50               | 3960               |                   | Non Engraved |
| 4           |                    |     |      |       |            |               |                    |                      |                  |                    |                   |              |
| 5           |                    |     |      |       |            | <b>NHNE</b>   | RING A             |                      |                  |                    |                   |              |
| 6           |                    |     |      |       | )          | READ IN       | 2071               |                      |                  |                    |                   |              |
| 7           |                    |     |      |       |            | OF THY<br>    | زیک<br>ان کی خلق ر | £                    |                  |                    |                   |              |
| 8           |                    |     |      |       |            |               |                    | 5                    |                  |                    |                   |              |
| 9           |                    |     |      |       |            |               |                    | ~                    |                  |                    |                   |              |
| 10          |                    |     |      |       |            |               | IORE.              |                      |                  |                    |                   |              |
| 11          |                    |     |      |       |            |               |                    |                      |                  |                    |                   |              |
| 12          |                    |     |      |       |            |               |                    |                      |                  |                    |                   |              |
| 13          |                    |     |      |       |            |               |                    |                      |                  |                    |                   |              |
| 14          |                    |     |      |       |            |               |                    |                      |                  |                    |                   |              |
| 15          |                    |     |      |       |            |               |                    |                      |                  |                    |                   |              |
| 16          |                    |     |      |       |            |               |                    |                      |                  |                    |                   |              |
| 14/:4:0 0.0 |                    |     |      |       |            |               |                    |                      |                  |                    |                   |              |

#### Witnessed by:

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

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

2. \*\* BS3921 requires average of ten clay brick samples for crushing strength and water absorption

3. \*\*\* BS5328 requires mean of two cube sample strength at 28 days as characteristic strength

4. \*\*\*\* ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as comprensive strength

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

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

Supervisor (Lab)



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

> 8163 Dr. Aqsa

#### To: Mr. Farrukh Jamal

Projects Manager, UNICON CONSULTING SERVICES

Project: Construction of Bank of Punjab Building at C-Block, Model Town Lahore

| Our Ref. No. CL/CED/ 6358 | Dated: | 06-11-24 | Test Specification |
|---------------------------|--------|----------|--------------------|
| Your Ref. No. Nil         | Dated: | 04-11-24 | (ASTM C39)         |

## COMPRESSION TEST REPORT



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

| Specimo | ens received on:        | 0   | 4-11 | -24   | Tested on: | 06-1          | 1-24                 | in dry/we            | t condition      |                    | 0                           | i Cradita di |
|---------|-------------------------|-----|------|-------|------------|---------------|----------------------|----------------------|------------------|--------------------|-----------------------------|--------------|
| Sr. No. | Mark*                   | Cas | ting | Date* | Size       | Wet<br>Weight | Dry<br>Weight        | Area of<br>X-Section | Ultimate<br>load | Ultimate<br>Stress | Water<br>Absorpti<br>on (%) | Remarks      |
|         | Second Floor            | 00  |      |       |            | (rtg/ gills)  |                      | (59.11)              | (11111)          | (psi)              |                             |              |
| 1       | Columns                 | 8   | 10   | 2024  | 6Diax12    |               | 13.6                 | 28.28                | 67               | 5307               |                             | Non Engraved |
| 2       | Second Floor<br>Columns | 8   | 10   | 2024  | 6Diax12    |               | 14                   | 28.28                | 87               | 6891               |                             | Non Engraved |
| 3       | Second Floor<br>Columns | 8   | 10   | 2024  | 6Diax12    |               | 13.6                 | 28.28                | 71               | 5624               |                             | Non Engraved |
| 4       |                         |     |      |       |            |               |                      |                      |                  |                    |                             |              |
| 5       |                         |     |      |       |            | THE           | RIA A                |                      |                  |                    |                             |              |
| 6       |                         |     |      |       | )          | READ IN       |                      |                      |                  |                    |                             |              |
| 7       |                         |     |      |       |            | OF THY        | ریجے۔<br>انڈکی خلق ر | 133                  |                  |                    |                             |              |
| 8       |                         |     |      |       |            |               |                      | 5                    |                  |                    |                             |              |
| 9       |                         |     |      |       |            |               | 1                    | ~                    |                  |                    |                             |              |
| 10      |                         |     |      |       |            |               | IDRL.                |                      |                  |                    |                             |              |
| 11      |                         |     |      |       |            |               |                      |                      |                  |                    |                             |              |
| 12      |                         |     |      |       |            |               |                      |                      |                  |                    |                             |              |
| 13      |                         |     |      |       |            |               |                      |                      |                  |                    |                             |              |
| 14      |                         |     |      |       |            |               |                      |                      |                  |                    |                             |              |
| 15      |                         |     |      |       |            |               |                      |                      |                  |                    |                             |              |
| 16      |                         |     |      |       |            |               |                      |                      |                  |                    |                             |              |
| Witness | ad by                   |     |      |       |            |               |                      |                      |                  |                    |                             |              |

#### witnessed by:

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

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

2. \*\* BS3921 requires average of ten clay brick samples for crushing strength and water absorption

3. \*\*\* BS5328 requires mean of two cube sample strength at 28 days as characteristic strength

4. \*\*\*\* ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as compressive strength

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

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

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> 8163 Dr. Aqsa

#### To: Mr. Farrukh Jamal

Projects Manager, UNICON CONSULTING SERVICES

Project: Construction of Bank of Punjab Building at C-Block, Model Town Lahore

| Our Ref. No. CL/CE | ED/ 6359 | Dated: | 06-11-24 | Test Specification |
|--------------------|----------|--------|----------|--------------------|
| Your Ref. No.      | Nil      | Dated: | 04-11-24 | (ASTM C39)         |

## COMPRESSION TEST REPORT



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

| Specim  | ens received on:  | 0   | 4-11       | -24   | Tested on:    | 06-1                          | 1-24                       | in dry/wet           | t condition                    |                             | Ū                           | o crattered a |
|---------|-------------------|-----|------------|-------|---------------|-------------------------------|----------------------------|----------------------|--------------------------------|-----------------------------|-----------------------------|---------------|
| Sr. No. | Mark*             | Cas | ting<br>MM | Date* | Size          | Wet<br>Weight<br>(Ka/ ams)    | Dry<br>Weight<br>(Ka/ ams) | Area of<br>X-Section | Ultimate<br>load<br>(Imp Tons) | Ultimate<br>Stress<br>(nsi) | Water<br>Absorpti<br>on (%) | Remarks       |
| 1       | Second Floor Slab | 20  | 10         | 2024  | ()<br>6Diav12 | (rtg/ giiis)                  | 13                         | 28.28                | 69                             | 5465                        |                             | Non Engraved  |
| -       | Occord Floor Olab | 20  | 10         | 2024  | 0010012       |                               | 10                         | 20.20                |                                | 4044                        |                             | New Engraved  |
| 2       | Second Floor Slab | 20  | 10         | 2024  | 6Diax12       |                               | 14                         | 28.28                | 62                             | 4911                        |                             | Non Engraved  |
| 3       | Second Floor Slab | 20  | 10         | 2024  | 6Diax12       |                               | 13                         | 28.28                | 67                             | 5307                        |                             | Non Engraved  |
| 4       |                   |     |            |       |               |                               |                            |                      |                                |                             |                             |               |
| 5       |                   |     |            |       |               | NHNE                          | RING                       |                      |                                |                             |                             |               |
| 6       |                   |     |            |       |               | READIN                        | 2071                       |                      |                                |                             |                             |               |
| 7       |                   |     |            |       |               | OF THY<br>HORD WHO<br>OREATES | زیجی<br>ان کی خلق ر        |                      |                                |                             |                             |               |
| 8       |                   |     |            |       |               |                               |                            | 5-                   |                                |                             |                             |               |
| 9       |                   |     |            |       | - 1           | 25                            |                            | <b>~</b>             |                                |                             |                             |               |
| 10      |                   |     |            |       | <             | / A                           | IORE.                      |                      |                                |                             |                             |               |
| 11      |                   |     |            |       |               |                               |                            |                      |                                |                             |                             |               |
| 12      |                   |     |            |       |               |                               |                            |                      |                                |                             |                             |               |
| 13      |                   |     |            |       |               |                               |                            |                      |                                |                             |                             |               |
| 14      |                   |     |            |       |               |                               |                            |                      |                                |                             |                             |               |
| 15      |                   |     |            |       |               |                               |                            |                      |                                |                             |                             |               |
| 16      |                   |     |            |       |               |                               |                            |                      |                                |                             |                             |               |
| Witness | ad by             |     |            |       |               |                               |                            |                      |                                |                             |                             |               |

#### witnessed by:

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

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

2. \*\* BS3921 requires average of ten clay brick samples for crushing strength and water absorption

3. \*\*\* BS5328 requires mean of two cube sample strength at 28 days as characteristic strength

4. \*\*\*\* ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as compressive strength

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

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

Supervisor (Lab)



**Civil Engineering Department** 

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8160 Dr. Aqsa

To: Mr. M. OMER DIRECTOR, DESIGN SPOT Project: KFC MUGHAL PURA LAHORE

| Our Ref. No. CL/CED/ 6360 | Dated: | 06-11-24 | Test Specification |
|---------------------------|--------|----------|--------------------|
| Your Ref. No. Nil         | Dated: | 04-11-24 | (ASTM C39)         |

## **COMPRESSION TEST REPORT**

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



#### Witnessed by:

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



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8122 Dr. Aqsa

To: Mr. M. Arslan Khaleel Assistant Store Keeper, AMANAH ESTATE (Pvt) Ltd

Project: Amanah Noor Residence Wapda Town Lahore

| Our Ref. No. CL/CI | ED/ 6361 | Dated: | 06-11-24   | Test Specification |
|--------------------|----------|--------|------------|--------------------|
| Your Ref. No.      | Nil      | Dated: | 30/10/2024 | (ASTM C39)         |

## **COMPRESSION TEST REPORT**

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



#### Witnessed by:

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

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

2. \*\* BS3921 requires average of ten clay brick samples for crushing strength and water absorption

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



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8162 Engr. A. Rehman

#### To: Project Manager

On Behalf of M/S Stridge Construction Company

Project: The Mark Tower at Finance & Trade Centre- Johar Town, Lahore.

| Our Ref. No. CL/C | ED/ 6362          | Dated: | 06-11-24 | Test Specification |
|-------------------|-------------------|--------|----------|--------------------|
| Your Ref. No.     | OUT-L-010-TMT-001 | Dated: | 04-11-24 | (ASTM C39)         |

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### **COMPRESSION TEST REPORT**



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

| Specime | ens received on:   | 0   | 4-11 | -24   | Tested on: | 05-1                          | 1-24          | in dry/we            | t condition      |                    |                   | icenser      |
|---------|--|-----|------|-------|------------|-------------------------------|---------------|----------------------|------------------|--------------------|-------------------|--------------|
| Sr. No. | Mark*  | Cas | ting | Date* | Size       | Wet<br>Weight                 | Dry<br>Weight | Area of<br>X-Section | Ultimate<br>Ioad | Ultimate<br>Stress | Water<br>Absorpti | Remarks      |
|         |  | DD  | MM   | YYYY  | (in)       | (Kg/ gms)                     | (Kg/ gms)     | (Sq. in)             | (Imp.Tons)       | (psi)              | on (%)            |              |
| 1       | Raft (6000 Psi)-<br>WT0902   | 5   | 10   | 2024  | 6Diax12    |                               | 13.4          | 28.28                | 83               | 6574               |                   | Non Engraved |
| 2       | Raft (6000 Psi)-<br>WT0702   | 5   | 10   | 2024  | 6Diax12    |                               | 13            | 28.28                | 87               | 6891               |                   | Non Engraved |
| 3       | Raft (6000 Psi)-<br>WT0901   | 5   | 10   | 2024  | 6Diax12    |                               | 14            | 28.28                | 85               | 6733               |                   | Non Engraved |
| 4       | Raft (6000 Psi)-<br>WT0802   | 5   | 10   | 2024  | 6Diax12    |                               | 13            | 28.28                | 87               | 6891               |                   | Non Engraved |
| 5       | Raft (6000 Psi)-<br>WT0801   | 5   | 10   | 2024  | 6Diax12    | <b>WEINE</b>                  | RI/13         | 28.28                | 83               | 6574               |                   | Non Engraved |
| 6       | Raft (6000 Psi)-<br>CC0701   | 5   | 10   | 2024  | 6Diax12    |                               | 12.6          | 28.28                | 62               | 4911               |                   | Non Engraved |
| 7       | Raft (6000 Psi)-<br>WTMAC04  | 5   | 10   | 2024  | 6Diax12    | OF THY<br>LORD WHO<br>CREATES | 13.4          | 28.28                | 79               | 6257               |                   | Non Engraved |
| 8       | Raft (6000 Psi)-<br>WTMAC 05   | 5   | 10   | 2024  | 6Diax12    |                               | 13.4          | 28.28                | 93               | 7366               |                   | Non Engraved |
| 9       | Raft (6000 Psi)-<br>WTMAC 02   | 5   | 10   | 2024  | 6Diax12    |                               | 13.8          | 28.28                | 78               | 6178               |                   | Non Engraved |
| 10      |  |     |      |       |            |                               | IDR <u>E.</u> |                      |                  |                    |                   |              |
| 11      |  |     |      |       |            |                               |               |                      |                  |                    |                   |              |
| 12      |  |     |      |       |            |                               |               |                      |                  |                    |                   |              |
| 13      |  |     |      |       |            |                               |               |                      |                  |                    |                   |              |
| 14      |  |     |      |       |            |                               |               |                      |                  |                    |                   |              |
| 15      |  |     |      |       |            |                               |               |                      |                  |                    |                   |              |
| 16      |  |     |      |       |            |                               |               |                      |                  |                    |                   |              |
| Witness | Witnessed by: Mr. Umar Hayat ME/MAC, CNIC 38401-5857839-3, Mr. Faizan Raheem, CNIC 42401-0440024-9 |     |      |       |            |                               |               |                      |                  |                    |                   |              |

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

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

2. \*\* BS3921 requires average of ten clay brick samples for crushing strength and water absorption

3. \*\*\* BS5328 requires mean of two cube sample strength at 28 days as characteristic strength

4. \*\*\*\* ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as comprensive strength

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

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

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



**Civil Engineering Department** 

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

8148 Dr. Aqsa

#### To: **CW Manager**

ARCON, 7th Floor, Khudadad Heights, E-11, Islamabad

Project: Structure (DG, ODU & Tower Foundation)- Site ID 53804

| Our Ref. No. CL/C | ED/ 6363 | Dated: | 06-11-24 | Test Specification |
|-------------------|----------|--------|----------|--------------------|
| Your Ref. No.     | Nil      | Dated: | Nil      | (BS 1881-116)      |

## **COMPRESSION TEST REPORT**

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



| Specimo | ens received on:  | 0   | )1-11       | -24           | Tested on:   | 05-1                           | 11-24                      | in dry/wet                       | t condition                    |                             | 0                           | ] Čeničký    |
|---------|-------------------|-----|-------------|---------------|--------------|--------------------------------|----------------------------|----------------------------------|--------------------------------|-----------------------------|-----------------------------|--------------|
| Sr. No. | Mark*             | Cas | sting<br>MM | Date*<br>YYYY | Size<br>(in) | Wet<br>Weight<br>(Kg/ gms)     | Dry<br>Weight<br>(Kg/ gms) | Area of<br>X-Section<br>(Sq. in) | Ultimate<br>load<br>(Imp.Tons) | Ultimate<br>Stress<br>(psi) | Water<br>Absorpti<br>on (%) | Remarks      |
| 1       | (1:1.5:3 & 1:4:8) | 3   | 10          | 2024          | 6x6x6        |                                | 8                          | 36                               | 74                             | 4604                        |                             | Non Engraved |
| 2       | (1:1.5:3 & 1:4:8) | 3   | 10          | 2024          | 6x6x6        |                                | 7.8                        | 36                               | 60                             | 3733                        |                             | Non Engraved |
| 3       |                   |     |             |               |              |                                |                            |                                  |                                |                             |                             |              |
| 4       |                   |     |             |               |              |                                |                            |                                  |                                |                             |                             |              |
| 5       |                   |     |             |               |              | <b>WHINE</b>                   | RING A                     |                                  |                                |                             |                             |              |
| 6       |                   |     |             |               | )            | READ N                         | 207                        | <b>_</b>                         |                                |                             |                             |              |
| 7       |                   |     |             |               | -            | OF THY<br>- ORD WHO<br>OREATES | ریجہ۔<br>ان کی خلق ر       |                                  |                                |                             |                             |              |
| 8       |                   |     |             |               |              |                                |                            | 5                                |                                |                             |                             |              |
| 9       |                   |     |             |               |              |                                | -                          |                                  |                                |                             |                             |              |
| 10      |                   |     |             |               |              |                                | IORL.                      |                                  |                                |                             |                             |              |
| 11      |                   |     |             |               |              |                                |                            |                                  |                                |                             |                             |              |
| 12      |                   |     |             |               |              |                                |                            |                                  |                                |                             |                             |              |
| 13      |                   |     |             |               |              |                                |                            |                                  |                                |                             |                             |              |
| 14      |                   |     |             |               |              |                                |                            |                                  |                                |                             |                             |              |
| 15      |                   |     |             |               |              |                                |                            |                                  |                                |                             |                             |              |
| 16      |                   |     |             |               |              |                                |                            |                                  |                                |                             |                             |              |
| Witness | ed by:            |     |             |               |              |                                |                            |                                  |                                |                             |                             |              |

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

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

2. \*\* BS3921 requires average of ten clay brick samples for crushing strength and water absorption

3. \*\*\* BS5328 requires mean of two cube sample strength at 28 days as characteristic strength

4. \*\*\*\* ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as compressive strength

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

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

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



**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.

> 8156 Dr. Aqsa

#### To: Mr. Muhammad Wagas Site Incharge, The SESCON Private Limited

Project: Remodeling of Shop Stop as Premium Shop at PSO FS Magic River Lahore

| Our Ref. No. CL/ | /CED/ 6364               | Dated: | 06-11-24 | Test Specification |
|------------------|--------------------------|--------|----------|--------------------|
| Your Ref. No.    | Requisitions/2024-25/006 | Dated: | 04-11-24 | (BS 1881-116)      |

7

## **COMPRESSION TEST REPORT**



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

| Specimo | ens received on: | 0         | 4-11       | -24           | Tested on:   | 06-2                          | 11-24                      | in dry/wet                       | t condition                    |                             | 0                           | i Centrado   |
|---------|------------------|-----------|------------|---------------|--------------|-------------------------------|----------------------------|----------------------------------|--------------------------------|-----------------------------|-----------------------------|--------------|
| Sr. No. | Mark*            | Cas<br>DD | ting<br>MM | Date*<br>YYYY | Size<br>(in) | Wet<br>Weight<br>(Kg/ gms)    | Dry<br>Weight<br>(Kg/ gms) | Area of<br>X-Section<br>(Sq. in) | Ultimate<br>load<br>(Imp.Tons) | Ultimate<br>Stress<br>(psi) | Water<br>Absorpti<br>on (%) | Remarks      |
| 1       |                  | 16        | 9          | 2024          | 6x6x6        |                               | 8                          | 36                               | 90                             | 5600                        |                             | Non Engraved |
| 2       |                  | 16        | 9          | 2024          | 6x6x6        |                               | 8.4                        | 36                               | 88                             | 5476                        |                             | Non Engraved |
| 3       |                  | 16        | 9          | 2024          | 6x6x6        |                               | 8                          | 36                               | 41                             | 2551                        |                             | Non Engraved |
| 4       |                  |           |            |               |              | /                             |                            |                                  |                                |                             |                             |              |
| 5       |                  |           |            |               |              | WHINE                         | RING A                     |                                  |                                |                             |                             |              |
| 6       |                  |           |            |               | >            | READ IN                       | 2071                       |                                  |                                |                             |                             |              |
| 7       |                  |           |            |               |              | OF THY<br>HORD WHO<br>OREATES | زیک<br>ان کی طکن ر         | 1                                |                                |                             |                             |              |
| 8       |                  |           |            |               |              |                               |                            | 5                                |                                |                             |                             |              |
| 9       |                  |           |            |               |              | 25-                           |                            | ₹                                |                                |                             |                             |              |
| 10      |                  |           |            |               | <            | (A                            | IORE.                      |                                  |                                |                             |                             |              |
| 11      |                  |           |            |               |              |                               |                            |                                  |                                |                             |                             |              |
| 12      |                  |           |            |               |              |                               |                            |                                  |                                |                             |                             |              |
| 13      |                  |           |            |               |              |                               |                            |                                  |                                |                             |                             |              |
| 14      |                  |           |            |               |              |                               |                            |                                  |                                |                             |                             |              |
| 15      |                  |           |            |               |              |                               |                            |                                  |                                |                             |                             |              |
| 16      |                  |           |            |               |              |                               |                            |                                  |                                |                             |                             |              |
| Witnoog | ad by            |           |            |               |              |                               |                            |                                  |                                |                             |                             |              |

#### witnessea by:

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

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

2. \*\* BS3921 requires average of ten clay brick samples for crushing strength and water absorption

3. \*\*\* BS5328 requires mean of two cube sample strength at 28 days as characteristic strength

4. \*\*\*\* ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as compressive strength

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

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

Supervisor (Lab)



## Plain and Reinforced Concrete Laboratory Civil Engineering Department

University of Engineering and Technology, Lahore. Pakistan Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895 <u>ORIGINAL</u> A carbon copy for the report has been retained in the lab for record.

> 8151 Dr. Aqsa

To: Lt. Col. (R) Muhammad Ibrahim

Senior Estate Engineer, Sundar Industrial Estate

Project: Repair & Maintenance of Building (Pouring of Slabs for Sluice Valve & Fire Hydrant Chambers)

| Our Ref. No. CL/ | CED/ 6365             | Dated: | 06-11-24   | Test Specification |
|------------------|-----------------------|--------|------------|--------------------|
| Your Ref. No.    | BOM/SIE/BCD/10-24/678 | Dated: | 30/10/2024 | ( BS 1881-116 )    |

## **COMPRESSION TEST REPORT**



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

| Specim  | ens received on:           | 0   | 1-11          | -24  | Tested on: | 05-1                         | 11-24               | in dry/wet           | t condition      |                    | [                           | i Cradhad    |
|---------|----------------------------|-----|---------------|------|------------|------------------------------|---------------------|----------------------|------------------|--------------------|-----------------------------|--------------|
| Sr. No. | Mark*                      | Cas | Casting Date* |      | Size       | Wet<br>Weight                | Dry<br>Weight       | Area of<br>X-Section | Ultimate<br>load | Ultimate<br>Stress | Water<br>Absorpti<br>on (%) | Remarks      |
|         |                            | DD  | MM            | YYYY | (in)       | (Kg/ gms)                    | (Kg/ gms)           | (Sq. in)             | (Imp.Tons)       | (psi)              |                             |              |
| 1       | Road Patch Work<br>(1:2:4) | 29  | 9             | 2024 | 6x6x6      |                              | 8.8                 | 36                   | 42               | 2613               |                             | Non Engraved |
| 2       | Road Patch Work<br>(1:2:4) | 29  | 9             | 2024 | 6x6x6      |                              | 9                   | 36                   | 42               | 2613               |                             | Non Engraved |
| 3       |                            |     |               |      |            |                              |                     |                      |                  |                    |                             |              |
| 4       |                            |     |               |      |            |                              |                     |                      |                  |                    |                             |              |
| 5       |                            |     |               |      | <          | NETNE                        | RING                |                      |                  |                    |                             |              |
| 6       |                            |     |               |      | >          | READ IN                      | 2071                | <u> </u>             |                  |                    |                             |              |
| 7       |                            |     |               |      |            | OF THY<br>GRO WHO<br>OREATES | ریجب<br>اندمی خلق ر | i<br>fîl             |                  |                    |                             |              |
| 8       |                            |     |               |      | - 8.8      |                              |                     | <b>N</b> 9           |                  |                    |                             |              |
| 9       |                            |     |               |      |            |                              | 1                   |                      |                  |                    |                             |              |
| 10      |                            |     |               |      | <          |                              | IOR <u>E</u>        |                      |                  |                    |                             |              |
| 11      |                            |     |               |      |            |                              |                     |                      |                  |                    |                             |              |
| 12      |                            |     |               |      |            |                              |                     |                      |                  |                    |                             |              |
| 13      |                            |     |               |      |            |                              |                     |                      |                  |                    |                             |              |
| 14      |                            |     |               |      |            |                              |                     |                      |                  |                    |                             |              |
| 15      |                            |     |               |      |            |                              |                     |                      |                  |                    |                             |              |
| 16      |                            |     |               |      |            |                              |                     |                      |                  |                    |                             |              |
| Witness |                            |     |               |      |            |                              |                     |                      |                  |                    |                             |              |

#### Witnessed by:

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

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

2. \*\* BS3921 requires average of ten clay brick samples for crushing strength and water absorption

3. \*\*\* BS5328 requires mean of two cube sample strength at 28 days as characteristic strength

4. \*\*\*\* ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as comprensive strength

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

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

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



**Civil Engineering Department** 

University of Engineering and Technology, Lahore. Pakistan Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895 <u>ORIGINAL</u> A carbon copy for the report has been retained in the lab for record.

> 8150 Dr. Aqsa

#### To: Mr. Arfan Nazir

Manager Civil, NISHAT LINEN Pvt Limited, 21 K.M. Feroz Pur Road, Lahore

Project: Construction of Fabric Godown Extension (Footings CF1/F1)

| Our Ref. No. CL/CED/ 6366 | Dated: | 06-11-24   | Test Specification |
|---------------------------|--------|------------|--------------------|
| Your Ref. No. NL/CT/001   | Dated: | 31/10/2024 | (BS 1881-116)      |

## **COMPRESSION TEST REPORT**



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

| Specim  | ens received on: | 0   | 1-11 | -24   | Tested on: | 05-1                          | 11-24               | in dry/wet           | t condition      |                    |                             | ] Central     |
|---------|------------------|-----|------|-------|------------|-------------------------------|---------------------|----------------------|------------------|--------------------|-----------------------------|---------------|
| Sr. No. | Mark*            | Cas | ting | Date* | Size       | Wet<br>Weight                 | Dry<br>Weight       | Area of<br>X-Section | Ultimate<br>load | Ultimate<br>Stress | Water<br>Absorpti<br>on (%) | Remarks       |
| 4       | 6.24             | 4   | 40   | 2024  | (11)       | (rtg/ gills)                  | (Rg/ gills)         | 26                   | (11111)          | (031)              |                             | Nen Franzisad |
| 1       | C-24             | 4   | 10   | 2024  | 0X0X0      |                               | 8.4                 | 30                   | 11               | 4/91               |                             | Non Engraved  |
| 2       | C-24             | 4   | 10   | 2024  | 6x6x6      |                               | 8.6                 | 36                   | 74               | 4604               |                             | Non Engraved  |
| 3       | C-24             | 4   | 10   | 2024  | 6x6x6      |                               | 9                   | 36                   | 85               | 5289               |                             | Non Engraved  |
| 4       |                  |     |      |       |            |                               |                     |                      |                  |                    |                             |               |
| 5       |                  |     |      |       |            | <b>NOTICE</b>                 | RING                |                      |                  |                    |                             |               |
| 6       |                  |     |      |       | >          | READ IN                       | 2071                |                      |                  |                    |                             |               |
| 7       |                  |     |      |       |            | OF THY<br>HERD WHO<br>CREATES | ریک ا<br>الدی خلق ر |                      |                  |                    |                             |               |
| 8       |                  |     |      |       |            |                               |                     | 5                    |                  |                    |                             |               |
| 9       |                  |     |      |       |            |                               |                     |                      |                  |                    |                             |               |
| 10      |                  |     |      |       |            | L'A                           | IORE                |                      |                  |                    |                             |               |
| 11      |                  |     |      |       |            |                               |                     |                      |                  |                    |                             |               |
| 12      |                  |     |      |       |            |                               |                     |                      |                  |                    |                             |               |
| 13      |                  |     |      |       |            |                               |                     |                      |                  |                    |                             |               |
| 14      |                  |     |      |       |            |                               |                     |                      |                  |                    |                             |               |
| 15      |                  |     |      |       |            |                               |                     |                      |                  |                    |                             |               |
| 16      |                  |     |      |       |            |                               |                     |                      |                  |                    |                             |               |
| Witness | od by:           |     |      |       |            |                               |                     |                      |                  |                    |                             |               |

#### Witnessed by:

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

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

2. \*\* BS3921 requires average of ten clay brick samples for crushing strength and water absorption

3. \*\*\* BS5328 requires mean of two cube sample strength at 28 days as characteristic strength

4. \*\*\*\* ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as compressive strength

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

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



**Civil Engineering Department** 

University of Engineering and Technology, Lahore. Pakistan Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895 <u>ORIGINAL</u> A carbon copy for the report has been retained in the lab for record.

> 8164 Dr. Aqsa

#### To: ENGR. GHULAM MURTAZA

**Resident Engineer, New Vision Engineering Consultant** 

Project: Construction of Buildings at University of Chakwal City Campus, Chakwal

| Our Ref. No. CL/ | CED/ 6367           | Dated: | 06-11-24  | Test Specification |
|------------------|---------------------|--------|-----------|--------------------|
| Your Ref. No.    | NVEC/RE/UOC/2024/65 | Dated: | 25/9/2024 | ( )                |

## **COMPRESSION TEST REPORT**



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

| Specim  | ens received on:            | 0   | 4-11 | -24   | Tested on:      | 05-1                          | 1-24                        | in dry/we            | t condition      |                    |                   | o saiste |
|---------|-----------------------------|-----|------|-------|-----------------|-------------------------------|-----------------------------|----------------------|------------------|--------------------|-------------------|----------|
| Sr. No. | Mark*                       | Cas | ting | Date* | Size            | Wet<br>Weight                 | Dry<br>Weight               | Area of<br>X-Section | Ultimate<br>Ioad | Ultimate<br>Stress | Water<br>Absorpti | Remarks  |
|         |                             | DD  | ММ   | YYYY  | (in)            | (Kg/ gms)                     | (Kg/ gms)                   | (Sq. in)             | (Imp.Tons)       | (psi)              | on (%)            |          |
| 1       | Rectangular, Grey,<br>80 mm |     |      |       | 7.8 x 3.9 x 3.1 |                               | 3530                        | 30.42                | 43               | 3166               |                   |          |
| 2       | Rectangular, Grey,<br>80 mm |     |      |       | 7.8 x 3.9 x 3.1 |                               | 3375                        | 30.42                | 38               | 2798               |                   |          |
| 3       | Rectangular, Grey,<br>80 mm |     |      |       | 7.8 x 3.9 x 3.1 |                               | 3520                        | 30.42                | 42               | 3093               |                   |          |
| 4       | Rectangular, Grey,<br>80 mm |     |      |       | 7.8 x 3.9 x 3.1 |                               | 3380                        | 30.42                | 52               | 3829               |                   |          |
| 5       | Rectangular, Grey,<br>80 mm |     |      |       | 7.8 x 3.9 x 3.1 | NEINE                         | 3295                        | 30.42                | 36               | 2651               |                   |          |
| 6       | Rectangular, Grey,<br>80 mm |     |      |       | 7.8 x 3.9 x 3.1 | READ IN                       | 3745                        | 30.42                | 77               | 5670               |                   |          |
| 7       |                             |     |      |       |                 | OF THY<br>HORD WHO<br>OREATES | ز <u>ع</u> ۔<br>اندکی خلق ر |                      |                  |                    |                   |          |
| 8       |                             |     |      |       |                 |                               |                             | 5                    |                  |                    |                   |          |
| 9       |                             |     |      |       |                 |                               | 1                           |                      |                  |                    |                   |          |
| 10      |                             |     |      |       |                 |                               | IDRL.                       |                      |                  |                    |                   |          |
| 11      |                             |     |      |       |                 |                               |                             |                      |                  |                    |                   |          |
| 12      |                             |     |      |       |                 |                               |                             |                      |                  |                    |                   |          |
| 13      |                             |     |      |       |                 |                               |                             |                      |                  |                    |                   |          |
| 14      |                             |     |      |       |                 |                               |                             |                      |                  |                    |                   |          |
| 15      |                             |     |      |       |                 |                               |                             |                      |                  |                    |                   |          |
| 16      |                             |     |      |       |                 |                               |                             |                      |                  |                    |                   |          |
|         | and here                    |     |      |       |                 |                               |                             |                      |                  |                    |                   |          |

#### Witnessed by:

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

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

2. \*\* BS3921 requires average of ten clay brick samples for crushing strength and water absorption

3. \*\*\* BS5328 requires mean of two cube sample strength at 28 days as characteristic strength

4. \*\*\*\* ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as comprensive strength

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

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



## Plain and Reinforced Concrete Laboratory Civil Engineering Department

University of Engineering and Technology, Lahore. Pakistan Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895 <u>ORIGINAL</u> A carbon copy for the report has been retained in the lab for record.

> 8164 Dr. Aqsa

To: ENGR. GHULAM MURTAZA

**Resident Engineer, New Vision Engineering Consultant** 

Project: Construction of Buildings at University of Chakwal City Campus, Chakwal

| Our Ref. No. CL/C | ED/ 6368            | Dated: | 06-11-24  | Test Specification |
|-------------------|---------------------|--------|-----------|--------------------|
| Your Ref. No.     | NVEC/RE/UOC/2024/66 | Dated: | 25/9/2024 | ()                 |

## **COMPRESSION TEST REPORT**



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

| Specimens received on: |            | 04-11-24      |    | -24   | Tested on: | 05-11-24                      |                     | in dry/wet condition |                  |                    |                   |          |
|------------------------|------------|---------------|----|-------|------------|-------------------------------|---------------------|----------------------|------------------|--------------------|-------------------|----------|
| Sr. No.                | Mark*      | Casting Date* |    | Date* | Size       | Wet<br>Weight                 | Dry<br>Weight       | Area of<br>X-Section | Ultimate<br>Ioad | Ultimate<br>Stress | Water<br>Absorpti | Remarks  |
|                        |            | DD            | ММ | ΥΥΥΥ  | (in)       | (Kg/ gms)                     | (Kg/ gms)           | (Sq. in)             | (Imp.Tons)       | (psi)              | on (%)            |          |
| 1                      | Kerb Stone |               |    |       | 6 x 6 x 6  |                               | 7.2                 | 36                   | 46               | 2862               |                   | Cut Cube |
| 2                      | Kerb Stone |               |    |       | 6 x 6 x 6  |                               | 8                   | 36                   | 51               | 3173               |                   | Cut Cube |
| 3                      | Kerb Stone |               |    |       | 6 x 6 x 6  |                               | 7.4                 | 36                   | 68               | 4231               |                   | Cut Cube |
| 4                      |            |               |    |       |            |                               |                     |                      |                  |                    |                   |          |
| 5                      |            |               |    |       |            | <b>NHNE</b>                   | RINT                |                      |                  |                    |                   |          |
| 6                      |            |               |    |       | >          | READ IN                       | 2071                |                      |                  |                    |                   |          |
| 7                      |            |               |    |       |            | OF THY<br>HORD WHO<br>CREATES | زیجی<br>ان کی خلق ر | £21                  |                  |                    |                   |          |
| 8                      |            |               |    |       |            |                               |                     | 5                    |                  |                    |                   |          |
| 9                      |            |               |    |       |            |                               |                     | ~                    |                  |                    |                   |          |
| 10                     |            |               |    |       |            |                               | IORE.               |                      |                  |                    |                   |          |
| 11                     |            |               |    |       |            |                               |                     |                      |                  |                    |                   |          |
| 12                     |            |               |    |       |            |                               |                     |                      |                  |                    |                   |          |
| 13                     |            |               |    |       |            |                               |                     |                      |                  |                    |                   |          |
| 14                     |            |               |    |       |            |                               |                     |                      |                  |                    |                   |          |
| 15                     |            |               |    |       |            |                               |                     |                      |                  |                    |                   |          |
| 16                     |            |               |    |       |            |                               |                     |                      |                  |                    |                   |          |
| Witness                | ad bu      |               |    |       |            |                               |                     |                      | -                | -                  |                   |          |

#### Witnessed by:

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

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

2. \*\* BS3921 requires average of ten clay brick samples for crushing strength and water absorption

3. \*\*\* BS5328 requires mean of two cube sample strength at 28 days as characteristic strength

4. \*\*\*\* ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as comprensive strength

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

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