

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.

> 6133 Dr. M.Yousaf

To: Project Manager

Q-Links Property Management Pvt. Ltd.

Project: Jasmine Grand Mall, Bahria Town, Lahore.

Our Ref. No. CL/CED/ 3338 Dated: 30-10-23 <u>Test Specification</u>

Your Ref. No. QLC-JGM-2023-LTR-10-A Dated: 24-10-23

### **COMPRESSION TEST REPORT**

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

Specimens received on: 25-10-23 Tested on: 30-10-23 in dry/wet condition



( ASTM C39 )



| Sr. No. | Mark*       | Cas | ting | Date* | Size     | Wet<br>Weight | Dry<br>Weight          | Area of X-Section | Ultimate<br>load | Ultimate<br>Stress | Water<br>Absorpti | Remarks  |
|---------|-------------|-----|------|-------|----------|---------------|------------------------|-------------------|------------------|--------------------|-------------------|----------|
|         |             | DD  | ММ   | YYYY  | (in)     | (Kg/ gms)     | (Kg/ gms)              | (Sq. in)          | (Imp.Tons)       | (psi)              | on (%)            |          |
| 1       | 4500 Psi    | 20  | 9    | 2023  | 6Diax12  |               | 14                     | 28.28             | 74               | 5861               |                   | Engraved |
| 2       | 4500 Psi    | 22  | 9    | 2023  | 6Diax12  |               | 14                     | 28.28             | 56               | 4436               |                   | Engraved |
| 3       | 3000 Psi    | 22  | 9    | 2023  | 6Diax12  |               | 14                     | 28.28             | 56               | 4436               |                   | Engraved |
| 4       | 3000 Psi    | 20  | 9    | 2023  | 6Diax12  |               | 14.8                   | 28.28             | 54               | 4277               |                   | Engraved |
| 5       | 3000 Psi    | 20  | 9    | 2023  | 6Diax12  | HILL          | 13.6                   | 28.28             | 46               | 3644               |                   | Engraved |
| 6       | 3000 Psi    | 22  | 9    | 2023  | 6Diax12  | KEAU N        | 14                     | 28.28             | 58               | 4594               |                   | Engraved |
| 7       | 3000 Psi    | 22  | 9    | 2023  | 6Diax12  | OF THY        | ب 14 مان<br>ال مان مان | 28.28             | 55               | 4356               |                   | Engraved |
| 8       | 3750 Psi    | 20  | 9    | 2023  | 6Diax12  |               | 14.6                   | 28.28             | 46               | 3644               |                   | Engraved |
| 9       |             |     |      |       |          | 1             |                        | <b>~</b> /        |                  |                    |                   |          |
| 10      |             |     |      |       |          | -1A           | IORE.                  |                   |                  |                    |                   |          |
| 11      |             |     |      |       |          |               |                        |                   |                  |                    |                   |          |
| 12      |             |     |      |       |          |               |                        |                   |                  |                    |                   |          |
| 13      |             |     |      |       |          |               |                        |                   |                  |                    |                   |          |
| 14      |             |     |      |       |          |               |                        |                   |                  |                    |                   |          |
| 15      |             |     |      |       |          |               |                        |                   |                  | -                  |                   |          |
| 16      |             |     |      |       |          |               |                        |                   |                  |                    |                   |          |
| Witness | sed by: Nil |     |      |       | <u> </u> |               |                        |                   |                  |                    |                   |          |

witnessea by: Nii

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. \*\*\*\* ACl318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as compressive strength

- 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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> 6094 Dr. M.Yousaf

To: Meezan Developers

Main Boulevard Jubilee Town, Lahore.

Project: Construction of Jamia tur Rasheed, Lahore Campus

Our Ref. No. CL/CED/ 3339 Dated: 30-10-23 <u>Test Specification</u>

Your Ref. No. Nil Dated: 18-10-23 (ASTM C39)

## **COMPRESSION TEST REPORT**

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

Specimens received on: 18-10-23 Tested on: 30-10-23 in dry/wet condition





| Sr. No. | Mark*       | Cas | ting | Date* | Size    | Wet<br>Weight            | Dry<br>Weight       | Area of X-Section | Ultimate<br>load | Ultimate<br>Stress | Absorpti | Remarks  |
|---------|-------------|-----|------|-------|---------|--------------------------|---------------------|-------------------|------------------|--------------------|----------|----------|
|         |             | DD  | ММ   | YYYY  | (in)    | (Kg/ gms)                | (Kg/ gms)           | (Sq. in)          | (Imp.Tons)       | (psi)              | on (%)   |          |
| 1       | S-2+S-2     | 9   | 9    | 2023  | 6Diax12 |                          | 14                  | 28.28             | 51               | 4040               |          | Engraved |
| 2       | S-2+S-2     | 9   | 9    | 2023  | 6Diax12 |                          | 14.2                | 28.28             | 40               | 3168               |          | Engraved |
| 3       |             |     |      |       |         |                          |                     |                   |                  |                    |          |          |
| 4       |             |     |      |       |         | /                        |                     |                   |                  |                    |          |          |
| 5       |             |     |      |       |         | THE                      | RING                |                   |                  |                    |          |          |
| 6       |             |     |      |       | )       | READ IN                  | 200                 | <b>X</b>          |                  |                    |          |          |
| 7       |             |     |      |       | 17      | OF THY LEGRO WHO CREATES | ر بجب<br>الدي خلق ر | E2                |                  | -                  |          |          |
| 8       |             |     |      |       | 887     |                          |                     |                   |                  | I                  |          |          |
| 9       |             |     |      |       |         | -                        |                     |                   |                  |                    |          |          |
| 10      |             |     |      |       |         | LA                       | ORE                 |                   |                  |                    |          |          |
| 11      |             |     |      |       |         |                          |                     |                   |                  | I                  |          |          |
| 12      |             |     |      |       |         |                          |                     |                   |                  |                    |          |          |
| 13      |             |     |      |       |         |                          |                     |                   |                  | I                  |          |          |
| 14      |             |     |      |       |         |                          |                     |                   |                  | I                  |          |          |
| 15      |             |     |      |       |         |                          |                     |                   |                  | -                  |          |          |
| 16      |             |     |      |       |         |                          |                     |                   |                  | -                  |          |          |
| Witness | sed by: Nil |     |      |       |         |                          |                     |                   |                  |                    |          |          |

witnessea by: Nii

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 comprerssive strength

- 1. The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
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> 6140 Dr. M.Yousaf

To: Mr. Muhammad Adnan

Project Manager, ICON Valley, Phase-II

Project: ICON Commercial Building A&F Ground Floor Slab.

Our Ref. No. CL/CED/ 3340 Dated: 30-10-23 **Test Specification** 

Your Ref. No. IV-23 Dated: 24-10-23 ( ASTM C39 )

## COMPRESSION TEST REPORT

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

Specimens received on: 26-10-23 Tested on: 30-10-23 in dry/wet condition





| Sr. No. | Mark*      | Cas | ting | Date* | Size    | Wet<br>Weight             | Dry<br>Weight        | Area of X-Section | Ultimate<br>load | Ultimate<br>Stress | Absorpti | Remarks      |
|---------|------------|-----|------|-------|---------|---------------------------|----------------------|-------------------|------------------|--------------------|----------|--------------|
|         |            | DD  | ММ   | YYYY  | (in)    | (Kg/ gms)                 | (Kg/ gms)            | (Sq. in)          | (Imp.Tons)       | (psi)              | on (%)   |              |
| 1       | (3000 Psi) | 21  | 9    | 2023  | 6Diax12 |                           | 13.8                 | 28.28             | 40               | 3168               |          | Non Engraved |
| 2       | (3000 Psi) | 21  | 9    | 2023  | 6Diax12 |                           | 13.6                 | 28.28             | 38               | 3010               |          | Non Engraved |
| 3       | (3000 Psi) | 21  | 9    | 2023  | 6Diax12 |                           | 14                   | 28.28             | 40               | 3168               |          | Non Engraved |
| 4       |            |     |      |       |         |                           |                      |                   |                  |                    |          |              |
| 5       |            |     |      |       |         | THE                       | RING                 |                   |                  |                    |          |              |
| 6       |            |     |      |       | }       | READ IN                   | 207                  |                   |                  |                    |          |              |
| 7       |            |     |      |       | 3       | OF THY  RORD WHO  OREATES | ر تیب<br>ان کی خلق ر | - 13              |                  |                    |          |              |
| 8       |            |     |      | -     |         |                           |                      | AS I              |                  |                    |          |              |
| 9       |            |     |      | -     |         | -                         |                      |                   |                  |                    |          |              |
| 10      |            |     |      | -     |         | LA                        | IORE.                |                   |                  |                    |          |              |
| 11      |            |     |      |       |         |                           |                      |                   |                  |                    |          |              |
| 12      |            |     |      |       |         |                           |                      |                   |                  |                    |          |              |
| 13      |            |     |      |       |         |                           |                      |                   |                  |                    |          |              |
| 14      |            |     |      |       |         |                           |                      |                   |                  |                    |          |              |
| 15      |            |     |      |       |         |                           | -                    |                   |                  |                    |          |              |
| 16      |            |     |      |       |         |                           | -                    |                   |                  |                    |          |              |
| Witness | ed by: Nil |     |      |       |         |                           |                      |                   |                  |                    |          |              |

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

- 1. \* as engraved on the specimens (if any)
- 2. \*\* BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- 3. \*\*\* BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- 4. \*\*\*\* ACl318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as comprerssive strength

- 1. The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
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> 6135 Dr. M.Yousaf

To: Noble Engineering Services

Planning-Designing-Construction

Project: Nil

Our Ref. No. CL/CED/ 3341

Dated: 30-10-23

Test Specification

Your Ref. No. NES/006/SRLHRUET/01

Dated: 25-10-23 (ASTM C39)

### **COMPRESSION TEST REPORT**

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

Specimens received on: 25-10-23 Tested on: 30-10-23 in dry/wet condition





| Sr. No. | Mark*                           | Casti |    | Date* | Size    | Wet<br>Weight           | Dry<br>Weight              | Area of<br>X-Section | Ultimate<br>load | Ultimate<br>Stress | Absorpti | Remarks      |
|---------|---------------------------------|-------|----|-------|---------|-------------------------|----------------------------|----------------------|------------------|--------------------|----------|--------------|
|         |                                 | DD    | MM | YYYY  | (in)    | (Kg/ gms)               | (Kg/ gms)                  | (Sq. in)             | (Imp.Tons)       | (psi)              | on (%)   |              |
| 1       | Slab (3000 Psi)                 | 11    | 10 | 2023  | 6Diax12 |                         | 14.8                       | 28.28                | 30               | 2376               |          | Non Engraved |
| 2       | Slab (3000 Psi)                 | 11    | 10 | 2023  | 6Diax12 |                         | 14.4                       | 28.28                | 32               | 2535               |          | Non Engraved |
| 3       | 1st Floor Columns<br>(4000 Psi) | 13    | 10 | 2023  | 6Diax12 |                         | 14                         | 28.28                | 57               | 4515               |          | Non Engraved |
| 4       | 1st Floor Column<br>(4000 Psi)  | 13    | 10 | 2023  | 6Diax12 | /                       | 14                         | 28.28                | 56               | 4436               |          | Non Engraved |
| 5       |                                 |       |    |       |         | THE                     | RING                       |                      |                  |                    |          |              |
| 6       |                                 |       |    |       |         | READ IN                 | 207                        | <b>X</b>             |                  |                    |          |              |
| 7       |                                 |       |    |       | - 2     | OF THY HORD WHO OREATES | ان کی خلق ر<br>ان کی خلق ر | <u> </u>             |                  |                    |          |              |
| 8       |                                 |       |    |       | 65      |                         |                            |                      |                  |                    |          |              |
| 9       |                                 |       |    |       |         | 10                      |                            | <b>~</b> /           |                  |                    |          |              |
| 10      |                                 |       |    |       |         | LA                      | IORE.                      |                      |                  |                    |          |              |
| 11      |                                 |       |    |       |         |                         |                            |                      |                  |                    |          |              |
| 12      |                                 |       |    |       |         |                         |                            |                      |                  |                    |          |              |
| 13      |                                 |       |    |       |         |                         |                            |                      |                  |                    |          |              |
| 14      |                                 |       |    |       |         |                         |                            |                      |                  |                    |          |              |
| 15      |                                 |       |    |       |         |                         |                            |                      |                  | -                  |          |              |
| 16      |                                 |       |    |       |         |                         |                            |                      |                  |                    |          |              |

Witnessed by: Nil

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

- 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 comprerssive strength

- 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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> 6148 Dr. M.Yousaf

To: Manager, ABL-UML P-199 & 200

**Allied Bank** 

Project: Construction of ABL Upper Mall Lahore Plot No. 199 & 200

Our Ref. No. CL/CED/ 3342 Dated: 30-10-23 <u>Test Specification</u>

Your Ref. No. ABL-UML-AMC-QAQC-39 Dated: 25-10-23 (ASTM C39)

## **COMPRESSION TEST REPORT**

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

Specimens received on: 26-10-23 Tested on: 30-10-23 in dry/wet condition





| Sr. No. | Mark*    | Cas | ting | Date* | Size    | Wet<br>Weight             | Dry<br>Weight       | Area of X-Section | Ultimate<br>load | Ultimate<br>Stress | Absorpti | Remarks      |
|---------|----------|-----|------|-------|---------|---------------------------|---------------------|-------------------|------------------|--------------------|----------|--------------|
|         |          | DD  | MM   | YYYY  | (in)    | (Kg/ gms)                 | (Kg/ gms)           | (Sq. in)          | (Imp.Tons)       | (psi)              | on (%)   |              |
| 1       | Mark 217 | 18  | 10   | 2023  | 6Diax12 |                           | 15                  | 28.28             | 120              | 9505               |          | Non Engraved |
| 2       | Mark 218 | 18  | 10   | 2023  | 6Diax12 |                           | 15                  | 28.28             | 112              | 8871               |          | Non Engraved |
| 3       | Mark 219 | 18  | 10   | 2023  | 6Diax12 |                           | 15                  | 28.28             | 110              | 8713               |          | Non Engraved |
| 4       | Mark 223 | 18  | 10   | 2023  | 6Diax12 | /                         | 15                  | 28.28             | 101              | 8000               |          | Non Engraved |
| 5       | Mark 224 | 18  | 10   | 2023  | 6Diax12 | THE                       | 14.4                | 28.28             | 93               | 7366               |          | Non Engraved |
| 6       | Mark 225 | 18  | 10   | 2023  | 6Diax12 | READ IN                   | 14.6                | 28.28             | 97               | 7683               |          | Non Engraved |
| 7       |          |     |      |       | 3       | OF THY  RORD WHO  OREATES | ر تجب<br>الدي خلق ر | - 53              |                  |                    |          |              |
| 8       |          |     |      | -     |         |                           |                     | ASN.              |                  |                    |          |              |
| 9       |          |     |      |       |         | 10                        |                     |                   |                  |                    |          |              |
| 10      |          |     |      |       |         | LA                        | IORE.               |                   |                  |                    |          |              |
| 11      |          |     |      |       |         |                           |                     |                   |                  | -                  |          |              |
| 12      |          |     |      | -     |         |                           |                     |                   |                  |                    |          |              |
| 13      |          |     |      |       |         |                           |                     |                   |                  |                    |          |              |
| 14      |          |     |      |       |         |                           |                     |                   |                  |                    |          |              |
| 15      |          |     |      |       |         |                           |                     |                   |                  |                    | -        |              |
| 16      |          |     |      |       |         |                           |                     |                   |                  |                    |          |              |

Witnessed by: Nil

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

- 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 comprerssive strength

- 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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> 6148 Dr. M.Yousaf

To: Manager, ABL-UML P-199 & 200

**Allied Bank** 

Project: Construction of ABL Upper Mall Lahore Plot No. 199 & 200

Our Ref. No. CL/CED/ 3343 Dated: 30-10-23 <u>Test Specification</u>

Your Ref. No. ABL-UML-AMC-QAQC-40 Dated: 25-10-23 (ASTM C39)

## **COMPRESSION TEST REPORT**

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

Specimens received on: 26-10-23 Tested on: 30-10-23 in dry/wet condition





| Mark*    |                              |                    |   | Size                 | Wet<br>Weight  | Dry<br>Weight                             |  | load  | Stress   | Water<br>Absorpti<br>on (%) | Remarks      |
|----------|------------------------------|--------------------|---|----------------------|--|---|--|---|----------|-----------------------------|--------------|
| Mark 235 | 18                           | 10                 | 2023  | 6Diax12              |  | 13.6                                      | 28.28  | 57  | 4515     |                             | Non Engraved |
| Mark 236 | 18                           | 10                 | 2023  | 6Diax12              |  | 14  | 28.28  | 67  | 5307     |                             | Non Engraved |
| Mark 237 | 18                           | 10                 | 2023  | 6Diax12              |  | 14.4                                      | 28.28  | 69  | 5465     |                             | Non Engraved |
|          |                              |                    |   |                      | /  |   |  |   |          |                             |              |
|          |                              |                    |   |                      | THE  | RING                                      |  |   |          |                             |              |
|          |                              |                    |   | ) à                  | KEAD IN  | 200                                       | <b>X</b>   |   |          |                             |              |
|          |                              |                    |   | 3                    | OF THY<br>HORD WHO<br>CREATES  | ر تیب<br>ان کی خلق ر                      | - 53   |   |          |                             |              |
|          |                              |                    |   |                      |  |   | ASN.   |   |          |                             |              |
|          |                              |                    |   |                      |  |   | <b>~</b>   |   |          |                             |              |
|          |                              |                    |   |                      | LA   | IORE.                                     |  |   |          |                             |              |
|          |                              |                    |   |                      |  |   |  |   |          |                             |              |
|          |                              |                    |   |                      |  |   |  |   |          |                             |              |
|          |                              |                    |   |                      |  |   |  |   |          |                             |              |
|          |                              |                    |   |                      |  |   |  |   |          |                             |              |
|          |                              |                    |   |                      |  | -   |  |   |          | -                           |              |
|          |                              |                    |   |                      |  | -   |  |   |          | -                           |              |
|          | Mark 235  Mark 236  Mark 237 | Mark* DD  Mark 235 | Mark* DD MM  Mark 235 18 10  Mark 236 18 10  Mark 237 18 10 | DD MM YYYY  Mark 235 | Mark* DD MM YYYY (in)  Mark 235 18 10 2023 6Diax12  Mark 236 18 10 2023 6Diax12  Mark 237 18 10 2023 6Diax12 | Mark*    DD   MM   YYYY   (in)   (Kg/gms) | Mark*    DD   MM   YYYY   (in)   (Kg/gms)   (Kg/gms) | Mark*    Casting Date*   Size   Weight   Weight   X-Section   (Kg/gms)   (Kg/gms)   (Kg/gms)   (Sq. in) | Mark 235 | Mark*                       | Mark*        |

Witnessed by: Nil

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

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- 2. \*\* BS3921 requires average of ten clay brick samples for crushing strength and water absorption
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> 6121 Dr. M.Yousaf

To: Manager, ABL-UML P-199 & 200

**Allied Bank** 

Project: Construction of ABL Upper Mall Lahore Plot No. 199 & 200

Our Ref. No. CL/CED/ 3344 Dated: 30-10-23 **Test Specification** 

Your Ref. No. ABL-UML-AMC-QAQC-38 Dated: 23-10-23 ( ASTM C39 )

## COMPRESSION TEST REPORT

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

Specimens received on: 23-10-23 Tested on: 30-10-23 in dry/wet condition





| Sr. No. | Mark*       | Cas | ting | Date* | Size    | Wet<br>Weight | Dry<br>Weight         | Area of X-Section | Ultimate<br>load | Ultimate<br>Stress | Absorpti | Remarks      |
|---------|-------------|-----|------|-------|---------|---------------|-----------------------|-------------------|------------------|--------------------|----------|--------------|
|         |             | DD  | MM   | YYYY  | (in)    | (Kg/ gms)     | (Kg/ gms)             | (Sq. in)          | (Imp.Tons)       | (psi)              | on (%)   |              |
| 1       | Mark 196    | 22  | 9    | 2023  | 6Diax12 |               | 15                    | 28.28             | 108              | 8554               |          | Non Engraved |
| 2       | Mark 197    | 22  | 9    | 2023  | 6Diax12 |               | 14.6                  | 28.28             | 107              | 8475               |          | Non Engraved |
| 3       | Mark 198    | 22  | 9    | 2023  | 6Diax12 |               | 14.8                  | 28.28             | 100              | 7921               |          | Non Engraved |
| 4       | Mark 202    | 22  | 9    | 2023  | 6Diax12 |               | 14                    | 28.28             | 106              | 8396               |          | Non Engraved |
| 5       | Mark 203    | 22  | 9    | 2023  | 6Diax12 | THE           | R//14                 | 28.28             | 98               | 7762               |          | Non Engraved |
| 6       | Mark 204    | 22  | 9    | 2023  | 6Diax12 | READ IN       | 15                    | 28.28             | 107              | 8475               |          | Non Engraved |
| 7       |             |     |      |       | 1       | OF THY        | ر تیب<br>اند کی خلق ر | E2                |                  | I                  |          |              |
| 8       |             |     |      |       | 887     |               |                       | <b>3</b>          |                  | I                  |          |              |
| 9       |             |     |      |       |         |               |                       |                   |                  | I                  |          |              |
| 10      |             |     |      |       |         | -LA           | IORE.                 |                   |                  | I                  |          |              |
| 11      |             |     |      |       | -       |               |                       |                   |                  | I                  |          |              |
| 12      |             |     |      |       |         |               |                       |                   |                  |                    |          |              |
| 13      |             |     |      |       |         |               | -                     |                   |                  | I                  |          |              |
| 14      |             |     |      |       |         |               |                       |                   |                  |                    |          |              |
| 15      |             |     |      |       |         |               |                       |                   |                  |                    |          |              |
| 16      |             |     |      |       |         |               | 1                     |                   |                  | -                  |          |              |
| Witness | sed by: Nil |     |      |       | -       |               |                       |                   |                  |                    |          |              |

Witnessea by: Nii

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 comprerssive strength

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

> 6138 Dr. M.Yousaf

To: Engr. Ali Aqdas Baloch

Deputy Manager (Civil), Zero Carbon (Pvt) Ltd

Project: Installation of 631 kw Interloop Hostels, Faisalabad

Our Ref. No. CL/CED/ 3345 Dated: 30-10-23 **Test Specification** (BS 1881-116)

Your Ref. No. ZC/UET/95 Dated: 25-10-23

### COMPRESSION TEST REPORT

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

Specimens received on: 25-10-23 Tested on: 30-10-23 in dry/wet condition





| Sr. No. | Mark*       | Cas | ting | Date* | Size  | Wet<br>Weight | Dry<br>Weight | Area of<br>X-Section | Ultimate<br>load | Ultimate<br>Stress | Absorpti | Remarks      |
|---------|-------------|-----|------|-------|-------|---------------|---------------|----------------------|------------------|--------------------|----------|--------------|
|         |             | DD  | MM   | YYYY  | (in)  | (Kg/ gms)     | (Kg/ gms)     | (Sq. in)             | (Imp.Tons)       | (psi)              | on (%)   |              |
| 1       |             | 19  | 10   | 2023  | 6x6x6 |               | 8.8           | 36                   | 23               | 1431               |          | Non Engraved |
| 2       |             | 19  | 10   | 2023  | 6x6x6 |               | 8.4           | 36                   | 40               | 2489               |          | Non Engraved |
| 3       |             | 19  | 10   | 2023  | 6x6x6 |               | 8.4           | 36                   | 43               | 2676               |          | Non Engraved |
| 4       |             | 12  | 10   | 2023  | 6x6x6 | /             | 8             | 36                   | 17.5             | 1089               |          | Non Engraved |
| 5       |             | 12  | 10   | 2023  | 6x6x6 | THE           | 8.4           | 36                   | 36               | 2240               |          | Non Engraved |
| 6       |             | 12  | 10   | 2023  | 6x6x6 | KEAU N        | E 108         | 36                   | 38               | 2364               |          | Non Engraved |
| 7       |             | 1   | 10   | 2023  | 6x6x6 | OF THY        | 7.8 مان       | 36                   | 21               | 1307               |          | Non Engraved |
| 8       |             | 1   | 10   | 2023  | 6x6x6 |               | 8.6           | 36                   | 60               | 3733               |          | Non Engraved |
| 9       |             | 1   | 10   | 2023  | 6x6x6 | 1             | 8             | 36                   | 30               | 1867               |          | Non Engraved |
| 10      |             |     |      |       |       | -1A           | IORE.         |                      |                  |                    |          |              |
| 11      |             |     |      |       |       |               |               |                      |                  |                    |          |              |
| 12      |             |     |      |       |       |               |               |                      |                  |                    |          |              |
| 13      |             |     |      |       |       |               |               |                      |                  |                    |          |              |
| 14      |             |     |      |       |       |               |               |                      |                  |                    |          |              |
| 15      |             |     |      |       |       |               |               |                      |                  |                    |          |              |
| 16      |             |     |      |       |       |               |               |                      |                  |                    |          |              |
| Witness | sed by: Nil | •   | •    |       |       |               |               |                      |                  |                    |          |              |

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

- 1. \* as engraved on the specimens (if any)
- 2. \*\* BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- 3. \*\*\* BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- 4. \*\*\*\* ACl318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as comprerssive strength

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6129 Dr. M. Yousaf

To: Mr. Sadat Waleed Ansari

Chief Resident Engineer/TL, JERS Consultancy (Pvt) Ltd.

Project: Punjab Cities Program (PCP) - PMDFC

Our Ref. No. CL/CED/ 3346 Dated: 30-10-23 <u>Test Specification</u>

Your Ref. No. 488-J01-CS/14 Dated: 24-10-23

### **COMPRESSION TEST REPORT**

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

Specimens received on: 24-10-23 Tested on: 30-10-23 in dry/wet condition





| Sr. No. | r. No. Mark*               |    | ting | Date* | Size            | Wet<br>Weight   | Dry<br>Weight              | Area of X-Section | Ultimate<br>load | Ultimate<br>Stress | Absorpti | Remarks        |
|---------|----------------------------|----|------|-------|-----------------|-----------------|----------------------------|-------------------|------------------|--------------------|----------|----------------|
|         |                            | DD | MM   | YYYY  | (in)            | (Kg/ gms)       | (Kg/ gms)                  | (Sq. in)          | (Imp.Tons)       | (psi)              | on (%)   |                |
| 1       | Rectangular, Grey,<br>80mm |    |      |       | 7.8 x 3.9 x 3.1 |                 | 3615                       | 30.42             | 80               | 5891               |          | National Paver |
| 2       | Rectangular, Grey,<br>80mm |    |      |       | 7.8 x 3.9 x 3.1 |                 | 3685                       | 30.42             | 90               | 6627               |          | National Paver |
| 3       | Rectangular, Red,<br>80mm  |    |      |       | 7.8 x 3.9 x 3.1 |                 | 3695                       | 30.42             | 108              | 7953               | 1        | National Paver |
| 4       |                            |    |      |       |                 |                 |                            |                   |                  |                    |          |                |
| 5       |                            |    |      |       |                 | HHE             | RING                       |                   |                  | I                  |          |                |
| 6       |                            |    |      |       |                 | READ IN         | 207                        |                   |                  | I                  | -        |                |
| 7       |                            |    |      |       | 17              | OF THY  CREATES | ان کی خلق ر<br>ان کی خلق ر | E2                |                  | -                  |          |                |
| 8       |                            |    |      |       |                 |                 |                            |                   |                  |                    |          |                |
| 9       |                            |    |      |       | )?              | 10              |                            | <b>~</b> /        |                  |                    |          |                |
| 10      |                            |    |      |       |                 | LA              | IORE.                      |                   |                  |                    |          |                |
| 11      |                            |    |      |       |                 |                 |                            |                   |                  | I                  |          |                |
| 12      |                            |    |      |       |                 |                 |                            |                   |                  |                    |          |                |
| 13      |                            |    |      |       |                 |                 |                            |                   |                  |                    |          |                |
| 14      |                            |    |      |       |                 |                 |                            |                   |                  | I                  |          |                |
| 15      |                            |    |      |       |                 |                 |                            |                   |                  | -                  | -        |                |
| 16      |                            |    |      |       |                 |                 |                            |                   |                  |                    |          |                |

Witnessed by: Mr. Ehtisham Yasin, CNIC 35404-8200064-7

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

- 1. \* as engraved on the specimens (if any)
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> 6129 Dr. M.Yousaf

To: Mr. Sadat Waleed Ansari

Chief Resident Engineer/TL, JERS Consultancy (Pvt) Ltd.

Project: Punjab Cities Program (PCP) - PMDFC

Our Ref. No. CL/CED/ 3347 Dated: 30-10-23 <u>Test Specification</u>

Your Ref. No. 488-J01-CS/15 Dated: 24-10-23

### **COMPRESSION TEST REPORT**

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

Specimens received on: 24-10-23 Tested on: 30-10-23 in dry/wet condition





| Sr. No. | Mark*                    | Cas | ting | Date* | Size      | Wet<br>Weight | Dry<br>Weight         | Area of<br>X-Section | Ultimate<br>load | Ultimate<br>Stress | Absorpti | Remarks    |
|---------|--------------------------|-----|------|-------|-----------|---------------|-----------------------|----------------------|------------------|--------------------|----------|------------|
|         |                          | DD  | MM   | YYYY  | (in)      | (Kg/ gms)     | (Kg/ gms)             | (Sq. in)             | (Imp.Tons)       | (psi)              | on (%)   |            |
| 1       | Uni-Block, Grey,<br>80mm |     |      |       | 3.0 thick |               | 4735                  | 37.44                | 120              | 7179               |          | Power Pack |
| 2       | Uni-Block, Grey,<br>80mm |     |      |       | 3.0 thick |               | 4710                  | 37.44                | 124              | 7419               |          | Power Pack |
| 3       | Uni-Block, Grey,<br>80mm |     |      |       | 3.0 thick |               | 4685                  | 37.44                | 125              | 7479               |          | Power Pack |
| 4       |                          |     |      |       |           |               |                       |                      |                  |                    |          |            |
| 5       |                          |     |      |       |           | HEINE         | RING                  |                      |                  |                    |          |            |
| 6       |                          |     |      |       | }         | READ IN       | 207                   |                      |                  |                    | -        |            |
| 7       |                          |     |      |       |           | OF THY        | ر بجب<br>اند فی طاق ر | <u> </u>             |                  |                    |          |            |
| 8       |                          |     |      |       |           |               |                       | <b>3</b> —           |                  |                    |          |            |
| 9       |                          |     |      |       |           |               |                       | <b>~</b>             |                  |                    |          |            |
| 10      |                          |     |      |       |           | (A            | IORE.                 |                      |                  |                    |          |            |
| 11      |                          |     |      |       |           |               |                       |                      |                  |                    |          |            |
| 12      |                          |     |      |       |           |               | -                     |                      |                  |                    |          |            |
| 13      |                          |     |      |       |           |               |                       |                      |                  |                    |          |            |
| 14      |                          |     |      |       |           |               |                       |                      |                  |                    |          |            |
| 15      |                          |     |      |       |           |               |                       |                      |                  |                    |          |            |
| 16      |                          |     |      |       |           |               | 1                     |                      |                  |                    |          |            |

Witnessed by: Mr. Ehtisham Yasin, CNIC 35404-8200064-7

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

6154 Dr. M. Yousaf

To: Mr. Muhammad Yaseen

Sr Project Manager, Pak Engineering Solution. (Consultant: ANS Associates)

Project: Construction of National Food Galaxy, Project at Fidmic, Sahianwala

Our Ref. No. CL/CED/ 3348 30-10-23 Dated: **Test Specification** 

Your Ref. No. PES-NFL-025 Dated: 27-10-23

### **COMPRESSION TEST REPORT**

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

Specimens received on: 27-10-23 Tested on: 30-10-23 in dry/wet condition





| Sr. No. | Mark*   | Cas | ting | Date* | Size            | Wet<br>Weight           | Dry<br>Weight | Area of X-Section | Ultimate<br>load | Ultimate<br>Stress | Water<br>Absorpti | Remarks |
|---------|---------|-----|------|-------|-----------------|-------------------------|---------------|-------------------|------------------|--------------------|-------------------|---------|
|         |         | DD  | ММ   | YYYY  | (in)            | (Kg/ gms)               | (Kg/ gms)     | (Sq. in)          | (Imp.Tons)       | (psi)              | on (%)            |         |
| 1       | F       |     |      |       | 8.5 x 4.2 x 2.8 |                         | 2775          | 35.7              | 44               | 2761               |                   |         |
| 2       | F       |     |      |       | 8.5 x 4.2 x 2.5 |                         | 2755          | 35.7              | 47               | 2949               |                   |         |
| 3       | F       |     |      |       | 8.5 x 4.2 x 2.8 |                         | 2880          | 35.7              | 38               | 2384               |                   |         |
| 4       | HA-1    |     |      |       | 8.7 x 4.3 x 2.8 | /                       | 3135          | 37.41             | 38               | 2275               |                   |         |
| 5       | HA-1    |     |      |       | 8.8 x 4.2 x 2.8 | THILE                   | 3180          | 36.96             | 34               | 2061               |                   |         |
| 6       | HA-1    |     |      |       | 8.7 x 4.3 x 2.8 | KEAU N                  | 3190          | 37.41             | 42               | 2515               |                   |         |
| 7       | NB      |     |      |       | 8.6 x 4.2 x 2.8 | OF THY LORD WHO CREATES | 3020          | 36.12             | 37               | 2295               |                   |         |
| 8       | NB      |     |      |       | 8.6 x 4.3 x 2.8 |                         | 3025          | 36.98             | 27               | 1635               |                   |         |
| 9       |         |     |      |       |                 | 10                      |               |                   |                  |                    |                   |         |
| 10      |         |     |      |       |                 | LA                      | IORE.         |                   |                  |                    |                   |         |
| 11      |         |     |      |       |                 |                         |               |                   |                  |                    |                   |         |
| 12      |         |     |      |       |                 |                         |               |                   |                  |                    |                   |         |
| 13      |         |     |      |       |                 |                         |               |                   |                  |                    |                   |         |
| 14      |         |     |      |       |                 |                         |               |                   |                  |                    |                   |         |
| 15      |         |     |      |       |                 |                         |               |                   |                  | -                  | -                 |         |
| 16      |         |     |      |       |                 |                         |               |                   |                  |                    | -                 |         |
| Witness | sed by: |     |      |       | -               |                         |               |                   |                  |                    |                   |         |

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