# Plain and Reinforced Concrete Laboratory <br> Civil Engineering Department 

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

To: Project Manager
Q-Links Property Management Pvt. Ltd.
Project: Jasmine Grand Mall, Bahria Town, Lahore.
Our Ref. No. CL/CED/ 3338
Your Ref. No. QLC-JGM-2023-LTR-10-A

Dated:
30-10-23
Test Specification
Dated: 24-10-23
( ASTM C39 )

## COMPRESSION TEST REPORT

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



Specimens received on: $\quad \mathbf{2 5 - 1 0 - 2 3}$ Tested on: $\quad 30-10-23 \quad$ in dry/wet condition ([) online report

| Sr. No. | Mark* | Casting Date* <br> DD MM YYYY |  |  | Size <br> (in) | Wet Weight ( $\mathrm{Kg} / \mathrm{gms}$ ) | Dry Weight (Kg/gms) | Area of X-Section (Sq. in) | Ultimate load (Imp.Tons) | Ultimate <br> Stress <br> (psi) | Water Absorpti on (\%) | Remarks |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 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 | -- | 13.6 | 28.28 | 46 | 3644 | --- | Engraved |
| 6 | 3000 Psi | 22 | 9 | 2023 | 6Diax12 |  | 14 | 28.28 | 58 | 4594 | --- | Engraved |
| 7 | 3000 Psi | 22 | 9 | 2023 | 6Diax12 | --- | 14 | -28.28 | 55 | 4356 | --- | Engraved |
| 8 | 3750 Psi | 20 | 9 | 2023 | 6Diax12 | --- | 14.6 | 28.28 | 46 | 3644 | --- | Engraved |
| 9 | -- | --- | --- | --- | --- | ---- | --- | - --- | --- | --- | --- | --- |
| 10 | --- | --- | --- | --- | --- | --- 4 | --- | -- | --- | --- | --- | --- |
| 11 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 12 | -- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 13 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 14 | -- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 15 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 16 | --- |  |  |  |  | --- | --- | --- | --- | --- | --- | --- |

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

1.     * as engraved on the specimens (if any)
2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
4. **** $\mathrm{ACl} 318-08$ requires mean of two sample ( 6 "diax12" cylinder) strength at 28 days as comprerssive 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

To: Meezan Developers
Main Boulevard Jubilee Town, Lahore.
Project: Construction of Jamia tur Rasheed, Lahore Campus

Our Ref. No. CL/CED/ 3339
Your Ref. No. Nil

## COMPRESSION TEST REPORT

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

Test Specification
( ASTM C39)

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


| Sr. No. | Mark* | Casting Date* <br> DD MM YYYY |  |  | Size <br> (in) | Wet Weight (Kg/gms) | Dry Weight (Kg/gms) | Area of X-Section (Sq. in) | Ultimate load (Imp.Tons) | Ultimate <br> Stress <br> (psi) | Water Absorpti on (\%) | Remarks |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 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 | --- | --- | -- | --- | --- | -- | - | --- | --- | --- | --- | --- |
| 6 |  | --- | -- | --- | --- |  | - -7 | --- | --- | --- | --- | --- |
| 7 | --- | --- | --- | --- | --- | --- | --- |  | --- | --- | --- | --- |
| 8 | --- | --- | --- | --- | --- | --- | --- | - --- | - | --- | --- | --- |
| 9 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 10 | --- | --- | --- | --- | --- | --- | 1 --- | --- | --- | --- | --- | --- |
| 11 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 12 | --- | --- | --- | --- | --- | --- | -- | --- | --- | --- | --- | --- |
| 13 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 14 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 15 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 16 | --- |  |  |  |  | --- | --- | --- | --- | --- | --- | --- |

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

1.     * as engraved on the specimens (if any)
2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
3. ${ }^{* * *}$ BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
4. **** ACI318-08 requires mean of two sample ( 6 "diax12" cylinder) strength at 28 days as comprerssive 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 <br> Civil Engineering Department 

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

Mobile: 0307-0496895

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
$\begin{array}{ll}\text { Dated: } & 30-10-23 \\ \text { Dated: } & 24-10-23\end{array}$
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: $\quad 30-10-23 \quad$ in dry/wet condition
(I) online report

| Sr. No. | Mark* | Casting Date* <br> DD MM YYYY |  |  | Size <br> (in) | Wet Weight ( $\mathrm{Kg} / \mathrm{gms}$ ) | Dry Weight (Kg/gms) | Area of X-Section (Sq. in) | Ultimate load (Imp.Tons) | Ultimate <br> Stress <br> (psi) | Water Absorpti on (\%) | Remarks |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 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 | -- | --- | --- | --- | --- | - 15 | 110 | --- | --- | --- | --- | --- |
| 6 |  | --- | --- | --- | --- | --- |  | ---- | --- | --- | --- | --- |
| 7 | --- | --- | --- | --- | --- | --- | --- |  | --- | --- | --- | --- |
| 8 | --- | -- | -- | --- | --- | --- | --- | ---- | --- | --- | --- | --- |
| 9 | --- | -- | --- | --- | --- | ---- | --- | --- | --- | -- | --- | --- |
| 10 | --- | --- | --- | --- | --- | --- 24 | (1)-- | --- | --- | --- | --- | --- |
| 11 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 12 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 13 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 14 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 15 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 16 | --- |  |  |  |  | --- | --- | --- | --- | --- | --- | --- |

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

1.     * as engraved on the specimens (if any)
2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
4. **** $\mathrm{ACl} 318-08$ requires mean of two sample ( 6 "diax12" cylinder) strength at 28 days as comprerssive 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

To: Noble Engineering Services
Planning-Designing-Construction
Project: Nil
Our Ref. No. CL/CED/ 3341
Dated: $\quad 30-10-23$
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: $\quad 30-10-23 \quad$ in dry/wet condition
(]) ONLINE REPORT

| Sr. No. | Mark* | Casting Date* <br> DD MM YYYY |  |  | Size <br> (in) | Wet Weight ( $\mathrm{Kg} / \mathrm{gms}$ ) | Dry Weight (Kg/gms) | Area of X-Section (Sq. in) | Ultimate load (Imp.Tons) | Ultimate <br> Stress <br> (psi) | Water Absorpti on (\%) | Remarks |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 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 | $\begin{gathered} \text { 1st Floor Columns } \\ (4000 \mathrm{Psi}) \\ \hline \end{gathered}$ | 13 | 10 | 2023 | 6Diax12 | --- | 14 | 28.28 | 57 | 4515 | --- | Non Engraved |
| 4 | $\begin{gathered} \text { 1st Floor Column } \\ \text { (4000 Psi) } \\ \hline \end{gathered}$ | 13 | 10 | 2023 | 6Diax12 | --- | 14 | 28.28 | 56 | 4436 | --- | Non Engraved |
| 5 | --- | --- | --- | --- | -- | - | 11-7 | --- | --- | --- | --- | --- |
| 6 |  | --- | --- | --- | --- |  |  | --- | --- | --- | --- | --- |
| 7 | --- | --- | --- | --- | --- | --- | --- |  | --- | --- | --- | --- |
| 8 | --- | --- | -- | --- | --- | --- | --- | - --- | --- | --- | --- | --- |
| 9 | -- | --- | -- | --- | --- | ---- | --- | - --- | -- | --- | --- | --- |
| 10 | --- | --- | --- | --- | --- | --- $2 /$ | --- | --- | --- | --- | --- | --- |
| 11 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 12 | -- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 13 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 14 | -- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 15 | --- | --- | --- | --- | --- | --- | -- | --- | --- | --- | --- | --- |
| 16 | --- |  |  |  |  | --- | --- | --- | --- | --- | --- | --- |

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

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

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

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
Your Ref. No. ABL-UML-AMC-QAQC-39

Dated:
30-10-23
Dated: 25-10-23
Test Specification
( ASTM C39)

## COMPRESSION TEST REPORT

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



Specimens received on: 26-10-23 Tested on: $\quad 30-10-23 \quad$ in dry/wet condition
(1) online report

| Sr. No. | Mark* | Casting Date* <br> DD MM YYYY |  |  | Size <br> (in) | Wet Weight ( $\mathrm{Kg} / \mathrm{gms}$ ) | Dry Weight (Kg/gms) | Area of X-Section (Sq. in) | Ultimate load (Imp.Tons) | Ultimate <br> Stress <br> (psi) | Water Absorpti on (\%) | Remarks |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 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 | 6Diax 12 | --- | 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 | -- | 14.4 | 28.28 | 93 | 7366 | --- | Non Engraved |
| 6 | Mark 225 | 18 | 10 | 2023 | 6Diax 12 | - $-\cdots$ | 14.6 | 28.28 | 97 | 7683 | --- | Non Engraved |
| 7 | -- | --- | -- | --- | --- | --- | --- | - --- | --- | --- | --- | --- |
| 8 | -- | --- | -- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 9 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 10 | --- | --- | --- | --- | --- | --- | 1 --- | --- | --- | --- | --- | --- |
| 11 | -- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 12 | --- | --- | --- | --- | -- | --- | --- | --- | --- | --- | --- | --- |
| 13 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 14 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 15 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 16 | --- |  |  |  |  | --- | --- | --- | --- | --- | --- | --- |

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

1.     * as engraved on the specimens (if any)
2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
3. ${ }^{* * *}$ BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
4. **** $\mathrm{ACl} 318-08$ requires mean of two sample ( 6 "diax12" cylinder) strength at 28 days as comprerssive 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 <br> Civil Engineering Department 

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

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
Your Ref. No. ABL-UML-AMC-QAQC-40

Dated:
30-10-23
Dated: 25-10-23
Test Specification
( ASTM C39)

## COMPRESSION TEST REPORT

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



Specimens received on: 26-10-23 Tested on: $\quad 30-10-23 \quad$ in dry/wet condition
(1]) online report

| Sr. No. | Mark* | Casting Date* <br> DD MM YYYY |  |  | $\begin{aligned} & \text { Size } \\ & \text { (in) } \end{aligned}$ | Wet <br> Weight <br> ( $\mathrm{Kg} / \mathrm{gms}$ ) | Dry Weight ( $\mathrm{Kg} / \mathrm{gms}$ ) | Area of X-Section (Sq. in) | Ultimate <br> load (Imp.Tons) | Ultimate <br> Stress <br> (psi) | Water Absorpti on (\%) | Remarks |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | Mark 235 | 18 | 10 | 2023 | 6Diax12 | --- | 13.6 | 28.28 | 57 | 4515 | --- | Non Engraved |
| 2 | Mark 236 | 18 | 10 | 2023 | 6Diax12 | --- | 14 | 28.28 | 67 | 5307 | --- | Non Engraved |
| 3 | Mark 237 | 18 | 10 | 2023 | 6Diax12 | --- | 14.4 | 28.28 | 69 | 5465 | --- | Non Engraved |
| 4 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 5 | --- | --- | --- | --- | --- | - | $11-$ | --- | --- | --- | --- | --- |
| 6 |  | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 7 | --- | --- | --- | --- | -- | --- | --- | --- | --- | --- | --- | --- |
| 8 | --- | --- | --- | --- | --- | --- | --- | - | --- | --- | --- | --- |
| 9 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 10 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 11 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 12 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 13 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 14 | --- | --- | --- | --- | --- | -- | --- | --- | --- | --- | --- | --- |
| 15 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 16 | --- |  |  |  |  | --- | --- | --- | --- | --- | --- | --- |

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

1.     * as engraved on the specimens (if any)
2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
3. ${ }^{* * *}$ BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
4. **** ACI318-08 requires mean of two sample ( 6 "diax12" cylinder) strength at 28 days as comprerssive 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 <br> Civil Engineering Department 

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

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
Your Ref. No. ABL-UML-AMC-QAQC-38

Dated:
30-10-23
Dated: 23-10-23
Test Specification
( ASTM C39 )

## COMPRESSION TEST REPORT

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



Specimens received on: 23-10-23 Tested on: $\quad 30-10-23 \quad$ in dry/wet condition
([]) online report

| Sr. No. | Mark* | Casting Date* <br> DD MM YYYY |  |  | $\begin{aligned} & \text { Size } \\ & \text { (in) } \end{aligned}$ | Wet Weight ( $\mathrm{Kg} / \mathrm{gms}$ ) | Dry Weight ( $\mathrm{Kg} / \mathrm{gms}$ ) | Area of X-Section (Sq. in) | Ultimate <br> load (Imp.Tons) | Ultimate <br> Stress <br> (psi) | Water Absorpti on (\%) | Remarks |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 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 | -- | 14 | 28.28 | 98 | 7762 | --- | Non Engraved |
| 6 | Mark 204 | 22 | 9 | 2023 | 6Diax12 | --- | 15 | 28.28 | 107 | 8475 | --- | Non Engraved |
| 7 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 8 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 9 | --- | --- | --- | --- | --- | --- | -- | --- | --- | --- | --- | --- |
| 10 | --- | -- | --- | --- | --- | --- | -- | --- | --- | --- | --- | --- |
| 11 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 12 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 13 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 14 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 15 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 16 | --- |  |  |  |  | --- | --- | -- | --- | --- | --- | --- |

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

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. **** $\mathrm{ACl} 318-08$ requires mean of two sample ( 6 "diax12" cylinder) strength at 28 days as comprerssive 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 <br> Civil Engineering Department 

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

Mobile: 0307-0496895

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: $\quad 30-10-23$
Test Specification
Your Ref. No. ZC/UET/95
Dated:
25-10-23
( BS 1881-116 )

## COMPRESSION TEST REPORT

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



| Specim | eived on: | 25-10-23 |  |  | Tested on: | 30-10-23 |  | in dry/wet condition |  |  |  | (]) online report |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Sr. No. | Mark* |  |  | Date* <br> YYYY | Size <br> (in) | Wet Weight (Kg/gms) | Dry Weight (Kg/gms) | Area of X-Section (Sq. in) | Ultimate <br> load (Imp.Tons) | Ultimate <br> Stress <br> (psi) | Water Absorpti on (\%) | Remarks |
| 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 | -- ${ }^{2}$ | 8.4 | 36 | 36 | 2240 | --- | Non Engraved |
| 6 | --- | 12 | 10 | 2023 | 6x6x6 | --- | 8 | 36 | 38 | 2364 | --- | Non Engraved |
| 7 | --- | 1 | 10 | 2023 | 6x6x6 | --- | 7.8 | -36 | 21 | 1307 | --- | Non Engraved |
| 8 | --- | 1 | 10 | 2023 | 6x6x6 | --- | 8.6 | 36 | 60 | 3733 | --- | Non Engraved |
| 9 | --- | 1 | 10 | 2023 | 6x6x6 | --- | 8 | 36 | 30 | 1867 | --- | Non Engraved |
| 10 | --- | --- | --- | --- | --- | -- | -- | --- | --- | --- | --- | --- |
| 11 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 12 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 13 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 14 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 15 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 16 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

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

1.     * as engraved on the specimens (if any)
2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
4. **** $\mathrm{ACl} 318-08$ requires mean of two sample ( 6 "diax12" cylinder) strength at 28 days as comprerssive 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 <br> Civil Engineering Department 

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

Mobile: 0307-0496895

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
Your Ref. No. 488-J01-CS/14

Dated:
30-10-23
Dated: 24-10-23
Test Specification (----)

## COMPRESSION TEST REPORT

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



Specimens received on: 24-10-23 Tested on: $\quad \mathbf{3 0 - 1 0 - 2 3}$ in dry/wet condition (]) omline report

| Sr. No. | Mark* | Casting Date* DD MM YYYY |  |  | Size <br> (in) | Wet <br> Weight <br> $(\mathrm{Kg} / \mathrm{gms})$ | Dry Weight ( $\mathrm{Kg} / \mathrm{gms}$ ) | Area of X-Section (Sq. in) | Ultimate load (Imp.Tons) | Ultimate <br> Stress <br> (psi) | Water Absorpti on (\%) | Remarks |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | Rectangular, Grey, 80 mm | --- | --- | --- | $7.8 \times 3.9 \times 3.1$ | --- | 3615 | 30.42 | 80 | 5891 | --- | National Paver |
| 2 | Rectangular, Grey, 80 mm | --- | --- | --- | $7.8 \times 3.9 \times 3.1$ | --- | 3685 | 30.42 | 90 | 6627 | --- | National Paver |
| 3 | Rectangular, Red, <br> 80 mm | --- | --- | --- | $7.8 \times 3.9 \times 3.1$ | --- | 3695 | 30.42 | 108 | 7953 | --- | National Paver |
| 4 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 5 | --- | --- | --- | --- | --- | -- | 11. | --- | --- | --- | --- | --- |
| 6 | --- | --- | --- | --- | --- | 5 .-. | --- | --- | --- | --- | --- | --- |
| 7 | --- | --- | --- | --- | - | --- | --- | 4 --- | --- | --- | --- | --- |
| 8 | --- | --- | --- | --- | --- | --- | --- | 3 --- | --- | --- | --- | --- |
| 9 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 10 | --- | --- | --- | --- | --- | --- | 11-- | --- | --- | --- | --- | --- |
| 11 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 12 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 13 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 14 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 15 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 16 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

Witnessed by: Mr. Ehtisham Yasin, CNIC 35404-8200064-7
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. **** $\mathrm{ACl} 318-08$ requires mean of two sample ( 6 "diax12" cylinder) strength at 28 days as comprerssive 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 <br> Civil Engineering Department 

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

Mobile: 0307-0496895

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
Test Specification
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: $\quad 30-10-23 \quad$ in dry/wet condition ([]) online report

| Sr. No. | Mark* | Casting Date* <br> DD MM YYYY |  |  | Size <br> (in) | Wet Weight ( $\mathrm{Kg} / \mathrm{gms}$ ) | Dry Weight (Kg/gms) | Area of X-Section (Sq. in) | Ultimate load (Imp.Tons) | Ultimate <br> Stress <br> (psi) | Water Absorpti on (\%) | Remarks |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | Uni-Block, Grey, 80mm | --- | --- | --- | 3.0 thick | --- | 4735 | 37.44 | 120 | 7179 | --- | Power Pack |
| 2 | Uni-Block, Grey, 80 mm | --- | --- | --- | 3.0 thick | --- | 4710 | 37.44 | 124 | 7419 | --- | Power Pack |
| 3 | Uni-Block, Grey, 80 mm | --- | --- | --- | 3.0 thick | --- | 4685 | 37.44 | 125 | 7479 | --- | Power Pack |
| 4 | --- | --- | -- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 5 | --- | --- | --- | -- | --- | - ${ }^{5}$ | -- | --- | --- | --- | --- | --- |
| 6 | -- | --- | --- | --- | --- |  |  | --- | --- | --- | --- | --- |
| 7 | --- | --- | --- | --- | --- | - | --- |  | --- | --- | --- | --- |
| 8 | --- | --- | --- | --- | --- | --- | --- | - --- | --- | --- | --- | --- |
| 9 | --- | --- | --- | --- | --- | ---- | --- | --- | --- | --- | --- | --- |
| 10 | --- | --- | --- | --- | --- | ---4 | --- | --- | --- | --- | --- | --- |
| 11 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 12 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 13 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 14 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | -- | --- |
| 15 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | -- | --- |
| 16 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

Witnessed by: Mr. Ehtisham Yasin, CNIC 35404-8200064-7
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. **** $\mathrm{ACl} 318-08$ requires mean of two sample ( 6 "diax12" cylinder) strength at 28 days as comprerssive 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 <br> Civil Engineering Department 

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

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 Dated:
30-10-23
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: $\quad 30-10-23 \quad$ in dry/wet condition ([]) online report

| Sr. No. | Mark* | Casting Date* <br> DD MM YYYY |  |  | Size <br> (in) | Wet <br> Weight <br> $(\mathrm{Kg} / \mathrm{gms})$ | Dry Weight ( $\mathrm{Kg} / \mathrm{gms}$ ) | Area of X-Section (Sq. in) | Ultimate <br> load (Imp.Tons) | Ultimate <br> Stress <br> (psi) | Water Absorpti on (\%) | Remarks |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | F | --- | --- | --- | $8.5 \times 4.2 \times 2.8$ | --- | 2775 | 35.7 | 44 | 2761 | --- | --- |
| 2 | F | --- | --- | --- | $8.5 \times 4.2 \times 2.5$ | --- | 2755 | 35.7 | 47 | 2949 | --- | --- |
| 3 | F | --- | -- | --- | $8.5 \times 4.2 \times 2.8$ | --- | 2880 | 35.7 | 38 | 2384 | --- | --- |
| 4 | HA-1 | --- | --- | --- | $8.7 \times 4.3 \times 2.8$ | --- | 3135 | 37.41 | 38 | 2275 | --- | --- |
| 5 | HA-1 | --- | --- | --- | $8.8 \times 4.2 \times 2.8$ | -- | 3180 | 36.96 | 34 | 2061 | --- | --- |
| 6 | HA-1 | --- | --- | --- | $8.7 \times 4.3 \times 2.8$ | --- | 3190 | 37.41 | 42 | 2515 | --- | --- |
| 7 | NB | --- | --- | --- | $8.6 \times 4.2 \times 2.8$ | --- | 3020 | 36.12 | 37 | 2295 | --- | --- |
| 8 | NB | --- | --- | --- | $8.6 \times 4.3 \times 2.8$ | --- | 3025 | 36.98 | 27 | 1635 | --- | --- |
| 9 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 10 | --- | - | --- | --- | --- | --- | -- | --- | --- | --- | --- | --- |
| 11 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 12 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 13 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | -- |
| 14 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 15 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 16 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

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

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

