



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

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

2456  
 Dr. Mazhar

**To:** Lt. Col. ®. Habib-ur-Rehman Qaiser, Project Director  
 GCC, Lahore. (Overseas Construction Co. Pvt. Ltd.), Gulberg-II, Lahore.

**Project:** Gulberg City Center, Lahore

**Our Ref. No.** CL/CED/ 6738

**Dated:** 28-12-21

**Test Specification**

**Your Ref. No.** Nill

**Dated:** 20-12-21

( ASTM C39 )

**COMPRESSION TEST REPORT**



ONLINE REPORT

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

**Specimens received on:** 20-12-21 **Tested on:** 27-12-21 in dry/wet condition

| Sr. No. | Mark*    | Casting Date* |     |      | Size<br>(in) | Wet Weight<br>(Kg/ gms) | Dry Weight<br>(Kg/ gms) | Area of X-Section<br>(Sq. in) | Ultimate load<br>(Imp.Tons) | Ultimate Stress<br>(psi) | Water Absorption (%) | Remarks      |
|---------|----------|---------------|-----|------|--------------|-------------------------|-------------------------|-------------------------------|-----------------------------|--------------------------|----------------------|--------------|
|         |          | DD            | MM  | YYYY |              |                         |                         |                               |                             |                          |                      |              |
| 1       | 5000 Psi | 20            | 11  | 2021 | 6Diax12      | ---                     | 14                      | 28.28                         | 86                          | 6812                     | ---                  | Non Engraved |
| 2       | 5000 Psi | 20            | 11  | 2021 | 6Diax12      | ---                     | 13.2                    | 28.28                         | 77                          | 6099                     | ---                  | Non Engraved |
| 3       | 5000 Psi | 20            | 11  | 2021 | 6Diax12      | ---                     | 14                      | 28.28                         | 79                          | 6257                     | ---                  | Non Engraved |
| 4       | ---      | ---           | --- | ---  | ---          | ---                     | ---                     | ---                           | ---                         | ---                      | ---                  | ---          |
| 5       | ---      | ---           | --- | ---  | ---          | ---                     | ---                     | ---                           | ---                         | ---                      | ---                  | ---          |
| 6       | ---      | ---           | --- | ---  | ---          | ---                     | ---                     | ---                           | ---                         | ---                      | ---                  | ---          |
| 7       | ---      | ---           | --- | ---  | ---          | ---                     | ---                     | ---                           | ---                         | ---                      | ---                  | ---          |
| 8       | ---      | ---           | --- | ---  | ---          | ---                     | ---                     | ---                           | ---                         | ---                      | ---                  | ---          |
| 9       | ---      | ---           | --- | ---  | ---          | ---                     | ---                     | ---                           | ---                         | ---                      | ---                  | ---          |
| 10      | ---      | ---           | --- | ---  | ---          | ---                     | ---                     | ---                           | ---                         | ---                      | ---                  | ---          |
| 11      | ---      | ---           | --- | ---  | ---          | ---                     | ---                     | ---                           | ---                         | ---                      | ---                  | ---          |
| 12      | ---      | ---           | --- | ---  | ---          | ---                     | ---                     | ---                           | ---                         | ---                      | ---                  | ---          |
| 13      | ---      | ---           | --- | ---  | ---          | ---                     | ---                     | ---                           | ---                         | ---                      | ---                  | ---          |
| 14      | ---      | ---           | --- | ---  | ---          | ---                     | ---                     | ---                           | ---                         | ---                      | ---                  | ---          |
| 15      | ---      | ---           | --- | ---  | ---          | ---                     | ---                     | ---                           | ---                         | ---                      | ---                  | ---          |
| 16      | ---      | ---           | --- | ---  | ---          | ---                     | ---                     | ---                           | ---                         | ---                      | ---                  | ---          |

**Witnessed by:** Nil

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

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

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

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

Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



**Plain and Reinforced Concrete Laboratory**  
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 Landline: 042-99029245 & 042-99029202      Mobile: 0307-0496895

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

2475  
 Dr. Mazhar

**To:** (Engr. Khalid Qadeer Mian) Chief Executive.  
 Eastern Construction Co. Model Town Extension, Lahore.  
**Project:** Construction of 60 CUM/HR Capacity Waste Water Treatment Plant. (Client; Fauji Fresh n Freeze Limited.)  
**Our Ref. No.** CL/CED/ 6739      **Dated:** 28-12-21  
**Your Ref. No.** ECC/UET/FFFL-SWL/2021/42      **Dated:** 23-12-21

**Test Specification**  
 ( ASTM C39 )

**COMPRESSION TEST REPORT**



ONLINE REPORT

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

Specimens received on: **23-12-21** Tested on: **27-12-21** in dry/wet condition

| Sr. No. | Mark*    | Casting Date* |     |      | Size<br>(in) | Wet Weight<br>(Kg/ gms) | Dry Weight<br>(Kg/ gms) | Area of X-Section<br>(Sq. in) | Ultimate load<br>(Imp.Tons) | Ultimate Stress<br>(psi) | Water Absorption (%) | Remarks      |
|---------|----------|---------------|-----|------|--------------|-------------------------|-------------------------|-------------------------------|-----------------------------|--------------------------|----------------------|--------------|
|         |          | DD            | MM  | YYYY |              |                         |                         |                               |                             |                          |                      |              |
| 1       | HAD Wall | 28            | 11  | 2021 | 6Diax12      | ---                     | 14.2                    | 28.28                         | 79                          | 6257                     | ---                  | Non Engraved |
| 2       | HAD Wall | 28            | 11  | 2021 | 6Diax12      | ---                     | 14.2                    | 28.28                         | 80                          | 6337                     | ---                  | Non Engraved |
| 3       | HAD Wall | 28            | 11  | 2021 | 6Diax12      | ---                     | 14.8                    | 28.28                         | 88                          | 6970                     | ---                  | Non Engraved |
| 4       | ---      | ---           | --- | ---  | ---          | ---                     | ---                     | ---                           | ---                         | ---                      | ---                  | ---          |
| 5       | ---      | ---           | --- | ---  | ---          | ---                     | ---                     | ---                           | ---                         | ---                      | ---                  | ---          |
| 6       | ---      | ---           | --- | ---  | ---          | ---                     | ---                     | ---                           | ---                         | ---                      | ---                  | ---          |
| 7       | ---      | ---           | --- | ---  | ---          | ---                     | ---                     | ---                           | ---                         | ---                      | ---                  | ---          |
| 8       | ---      | ---           | --- | ---  | ---          | ---                     | ---                     | ---                           | ---                         | ---                      | ---                  | ---          |
| 9       | ---      | ---           | --- | ---  | ---          | ---                     | ---                     | ---                           | ---                         | ---                      | ---                  | ---          |
| 10      | ---      | ---           | --- | ---  | ---          | ---                     | ---                     | ---                           | ---                         | ---                      | ---                  | ---          |
| 11      | ---      | ---           | --- | ---  | ---          | ---                     | ---                     | ---                           | ---                         | ---                      | ---                  | ---          |
| 12      | ---      | ---           | --- | ---  | ---          | ---                     | ---                     | ---                           | ---                         | ---                      | ---                  | ---          |
| 13      | ---      | ---           | --- | ---  | ---          | ---                     | ---                     | ---                           | ---                         | ---                      | ---                  | ---          |
| 14      | ---      | ---           | --- | ---  | ---          | ---                     | ---                     | ---                           | ---                         | ---                      | ---                  | ---          |
| 15      | ---      | ---           | --- | ---  | ---          | ---                     | ---                     | ---                           | ---                         | ---                      | ---                  | ---          |
| 16      | ---      | ---           | --- | ---  | ---          | ---                     | ---                     | ---                           | ---                         | ---                      | ---                  | ---          |

Witnessed by: Nil

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

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

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

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

Director/Dy. Director Concrete Laboratory



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

2467  
 Dr. Mazhar

**To:** Engr. Muhammad Bilal Iqbal, Project Manager  
 M. Siddique Sons Building Contractor. Lahore.

**Project:** 113/4-M, Quaid-e-Azam Industrial Estate, Lahore.

**Our Ref. No.** CL/CED/ 6740

**Dated:** 28-12-21

**Test Specification**

**Your Ref. No.** Nil

**Dated:** 22-12-21

( ASTM C39 )

## COMPRESSION TEST REPORT



ONLINE REPORT

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

**Specimens received on:** 22-12-21 **Tested on:** 27-12-21 **in dry/wet condition**

| Sr. No. | Mark*                          | Casting Date* |     |      | Size<br>(in) | Wet Weight<br>(Kg/ gms) | Dry Weight<br>(Kg/ gms) | Area of X-Section<br>(Sq. in) | Ultimate load<br>(Imp.Tons) | Ultimate Stress<br>(psi) | Water Absorption (%) | Remarks      |
|---------|--------------------------------|---------------|-----|------|--------------|-------------------------|-------------------------|-------------------------------|-----------------------------|--------------------------|----------------------|--------------|
|         |                                | DD            | MM  | YYYY |              |                         |                         |                               |                             |                          |                      |              |
| 1       | F.F.Slab<br>(Stage-1) 3000 Psi | 7             | 12  | 2021 | 6Diax12      | ---                     | 14                      | 28.28                         | 49                          | 3881                     | ---                  | Non Engraved |
| 2       | F.F.Slab<br>(Stage-1) 3000 Psi | 7             | 12  | 2021 | 6Diax12      | ---                     | 14                      | 28.28                         | 53                          | 4198                     | ---                  | Non Engraved |
| 3       | F.F.Slab<br>(Stage-1) 3000 Psi | 7             | 12  | 2021 | 6Diax12      | ---                     | 14                      | 28.28                         | 57                          | 4515                     | ---                  | Non Engraved |
| 4       | ---                            | ---           | --- | ---  | ---          | ---                     | ---                     | ---                           | ---                         | ---                      | ---                  | ---          |
| 5       | ---                            | ---           | --- | ---  | ---          | ---                     | ---                     | ---                           | ---                         | ---                      | ---                  | ---          |
| 6       | ---                            | ---           | --- | ---  | ---          | ---                     | ---                     | ---                           | ---                         | ---                      | ---                  | ---          |
| 7       | ---                            | ---           | --- | ---  | ---          | ---                     | ---                     | ---                           | ---                         | ---                      | ---                  | ---          |
| 8       | ---                            | ---           | --- | ---  | ---          | ---                     | ---                     | ---                           | ---                         | ---                      | ---                  | ---          |
| 9       | ---                            | ---           | --- | ---  | ---          | ---                     | ---                     | ---                           | ---                         | ---                      | ---                  | ---          |
| 10      | ---                            | ---           | --- | ---  | ---          | ---                     | ---                     | ---                           | ---                         | ---                      | ---                  | ---          |
| 11      | ---                            | ---           | --- | ---  | ---          | ---                     | ---                     | ---                           | ---                         | ---                      | ---                  | ---          |
| 12      | ---                            | ---           | --- | ---  | ---          | ---                     | ---                     | ---                           | ---                         | ---                      | ---                  | ---          |
| 13      | ---                            | ---           | --- | ---  | ---          | ---                     | ---                     | ---                           | ---                         | ---                      | ---                  | ---          |
| 14      | ---                            | ---           | --- | ---  | ---          | ---                     | ---                     | ---                           | ---                         | ---                      | ---                  | ---          |
| 15      | ---                            | ---           | --- | ---  | ---          | ---                     | ---                     | ---                           | ---                         | ---                      | ---                  | ---          |
| 16      | ---                            | ---           | --- | ---  | ---          | ---                     | ---                     | ---                           | ---                         | ---                      | ---                  | ---          |

**Witnessed by:** Nil

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

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

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**Supervisor (Lab)**

**Director/Dy. Director Concrete Laboratory**



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**ORIGINAL**  
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2462  
 Dr. Mazhar

To: Mr. Umair Maqsood  
 Sub Divisional Officer, Buildings Sub Division, Assembly, Lahore

Project: Re-Construction of Pipal House A-Block, Lahore.

Our Ref. No. CL/CED/ 6741

Dated: 28-12-21

Test Specification

Your Ref. No. 900

Dated: 06-12-21

( ASTM C39 )

## COMPRESSION TEST REPORT



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

Specimens received on: 21-12-21 Tested on: 27-12-21 in dry/wet condition

| Sr. No. | Mark*                     | Casting Date* |     |      | Size<br>(in) | Wet Weight<br>(Kg/ gms) | Dry Weight<br>(Kg/ gms) | Area of X-Section<br>(Sq. in) | Ultimate load<br>(Imp.Tons) | Ultimate Stress<br>(psi) | Water Absorption (%) | Remarks  |
|---------|---------------------------|---------------|-----|------|--------------|-------------------------|-------------------------|-------------------------------|-----------------------------|--------------------------|----------------------|----------|
|         |                           | DD            | MM  | YYYY |              |                         |                         |                               |                             |                          |                      |          |
| 1       | Column Concrete (1:1.5:3) | 4             | 11  | 2021 | 6Diax12      | ---                     | 13.8                    | 28.28                         | 45                          | 3564                     | ---                  | Engraved |
| 2       | Column Concrete (1:1.5:3) | 4             | 11  | 2021 | 6Diax12      | ---                     | 13.8                    | 28.28                         | 41                          | 3248                     | ---                  | Engraved |
| 3       | Column Concrete (1:1.5:3) | 4             | 11  | 2021 | 6Diax12      | ---                     | 13.8                    | 28.28                         | 43                          | 3406                     | ---                  | Engraved |
| 4       | ---                       | ---           | --- | ---  | ---          | ---                     | ---                     | ---                           | ---                         | ---                      | ---                  | ---      |
| 5       | ---                       | ---           | --- | ---  | ---          | ---                     | ---                     | ---                           | ---                         | ---                      | ---                  | ---      |
| 6       | ---                       | ---           | --- | ---  | ---          | ---                     | ---                     | ---                           | ---                         | ---                      | ---                  | ---      |
| 7       | ---                       | ---           | --- | ---  | ---          | ---                     | ---                     | ---                           | ---                         | ---                      | ---                  | ---      |
| 8       | ---                       | ---           | --- | ---  | ---          | ---                     | ---                     | ---                           | ---                         | ---                      | ---                  | ---      |
| 9       | ---                       | ---           | --- | ---  | ---          | ---                     | ---                     | ---                           | ---                         | ---                      | ---                  | ---      |
| 10      | ---                       | ---           | --- | ---  | ---          | ---                     | ---                     | ---                           | ---                         | ---                      | ---                  | ---      |
| 11      | ---                       | ---           | --- | ---  | ---          | ---                     | ---                     | ---                           | ---                         | ---                      | ---                  | ---      |
| 12      | ---                       | ---           | --- | ---  | ---          | ---                     | ---                     | ---                           | ---                         | ---                      | ---                  | ---      |
| 13      | ---                       | ---           | --- | ---  | ---          | ---                     | ---                     | ---                           | ---                         | ---                      | ---                  | ---      |
| 14      | ---                       | ---           | --- | ---  | ---          | ---                     | ---                     | ---                           | ---                         | ---                      | ---                  | ---      |
| 15      | ---                       | ---           | --- | ---  | ---          | ---                     | ---                     | ---                           | ---                         | ---                      | ---                  | ---      |
| 16      | ---                       | ---           | --- | ---  | ---          | ---                     | ---                     | ---                           | ---                         | ---                      | ---                  | ---      |

Witnessed by: Nil

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

- \* as engraved on the specimens (if any)
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Director/Dy. Director Concrete Laboratory



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

2476  
 Dr.M. Yousaf

To: For ICON Developers  
 248-CCA, Phase 4, DHA Lahore Cantt.

Project: 141 A, Model Town, Lahore. (Client; Makhdoom Ahmad Mahmood)

Our Ref. No. CL/CED/ 6742

Dated: 28-12-21

Test Specification

Your Ref. No. Nil

Dated: 22-12-21

( ASTM C39 )

**COMPRESSION TEST REPORT**



ONLINE REPORT

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

Specimens received on: 23-12-21 Tested on: 24-12-21 in dry/wet condition

| Sr. No. | Mark*                                | Casting Date* |     |      | Size<br>(in) | Wet Weight<br>(Kg/ gms) | Dry Weight<br>(Kg/ gms) | Area of X-Section<br>(Sq. in) | Ultimate load<br>(Imp.Tons) | Ultimate Stress<br>(psi) | Water Absorption (%) | Remarks      |
|---------|--------------------------------------|---------------|-----|------|--------------|-------------------------|-------------------------|-------------------------------|-----------------------------|--------------------------|----------------------|--------------|
|         |                                      | DD            | MM  | YYYY |              |                         |                         |                               |                             |                          |                      |              |
| 1       | Ground Floor Slab ( 1:2:4). 3000 Psi | 24            | 11  | 2021 | 6Diax12      | ---                     | 14                      | 28.28                         | 65                          | 5149                     | ---                  | Non Engraved |
| 2       | Ground Floor Slab ( 1:2:4). 3000 Psi | 24            | 11  | 2021 | 6Diax12      | ---                     | 14                      | 28.28                         | 59                          | 4673                     | ---                  | Non Engraved |
| 3       | Ground Floor Slab ( 1:2:4). 3000 Psi | 24            | 11  | 2021 | 6Diax12      | ---                     | 14                      | 28.28                         | 63                          | 4990                     | ---                  | Non Engraved |
| 4       | ---                                  | ---           | --- | ---  | ---          | ---                     | ---                     | ---                           | ---                         | ---                      | ---                  | ---          |
| 5       | ---                                  | ---           | --- | ---  | ---          | ---                     | ---                     | ---                           | ---                         | ---                      | ---                  | ---          |
| 6       | ---                                  | ---           | --- | ---  | ---          | ---                     | ---                     | ---                           | ---                         | ---                      | ---                  | ---          |
| 7       | ---                                  | ---           | --- | ---  | ---          | ---                     | ---                     | ---                           | ---                         | ---                      | ---                  | ---          |
| 8       | ---                                  | ---           | --- | ---  | ---          | ---                     | ---                     | ---                           | ---                         | ---                      | ---                  | ---          |
| 9       | ---                                  | ---           | --- | ---  | ---          | ---                     | ---                     | ---                           | ---                         | ---                      | ---                  | ---          |
| 10      | ---                                  | ---           | --- | ---  | ---          | ---                     | ---                     | ---                           | ---                         | ---                      | ---                  | ---          |
| 11      | ---                                  | ---           | --- | ---  | ---          | ---                     | ---                     | ---                           | ---                         | ---                      | ---                  | ---          |
| 12      | ---                                  | ---           | --- | ---  | ---          | ---                     | ---                     | ---                           | ---                         | ---                      | ---                  | ---          |
| 13      | ---                                  | ---           | --- | ---  | ---          | ---                     | ---                     | ---                           | ---                         | ---                      | ---                  | ---          |
| 14      | ---                                  | ---           | --- | ---  | ---          | ---                     | ---                     | ---                           | ---                         | ---                      | ---                  | ---          |
| 15      | ---                                  | ---           | --- | ---  | ---          | ---                     | ---                     | ---                           | ---                         | ---                      | ---                  | ---          |
| 16      | ---                                  | ---           | --- | ---  | ---          | ---                     | ---                     | ---                           | ---                         | ---                      | ---                  | ---          |

Witnessed by: Nil

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

- \* as engraved on the specimens (if any)
- \*\* BS3921 requires average of ten clay brick samples for crushing strength and water absorption
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2475  
 Dr. Mazhar

**To:** (Engr. Khalid Qadeer Mian) Chief Executive.  
 Eastern Construction Co. Model Town Extension, Lahore.

**Project:** Construction of Vegetable Oil Tank for FFFL. (Client; Fauji Fresh n Freeze Limited.)

**Our Ref. No.** CL/CED/ 6743

**Dated:** 28-12-21

**Test Specification**

**Your Ref. No.** ECC/UET/FFFL-SWL-VOT/2021/44

**Dated:** 23-12-21

( BS 1881-116 )

## COMPRESSION TEST REPORT



ONLINE REPORT

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

**Specimens received on:** 23-12-21 **Tested on:** 27-12-21 in dry/wet condition

| Sr. No. | Mark*          | Casting Date* |     |      | Size<br>(in) | Wet Weight<br>(Kg/ gms) | Dry Weight<br>(Kg/ gms) | Area of X-Section<br>(Sq. in) | Ultimate load<br>(Imp.Tons) | Ultimate Stress<br>(psi) | Water Absorption (%) | Remarks      |
|---------|----------------|---------------|-----|------|--------------|-------------------------|-------------------------|-------------------------------|-----------------------------|--------------------------|----------------------|--------------|
|         |                | DD            | MM  | YYYY |              |                         |                         |                               |                             |                          |                      |              |
| 1       | Foundation Bed | 27            | 11  | 2021 | 6x6x6        | ---                     | 8.4                     | 36                            | 96                          | 5973                     | ---                  | Non Engraved |
| 2       | Foundation Bed | 27            | 11  | 2021 | 6x6x6        | ---                     | 8.2                     | 36                            | 90                          | 5600                     | ---                  | Non Engraved |
| 3       | Foundation Bed | 27            | 11  | 2021 | 6x6x6        | ---                     | 8.2                     | 36                            | 98                          | 6098                     | ---                  | Non Engraved |
| 4       | ---            | ---           | --- | ---  | ---          | ---                     | ---                     | ---                           | ---                         | ---                      | ---                  | ---          |
| 5       | ---            | ---           | --- | ---  | ---          | ---                     | ---                     | ---                           | ---                         | ---                      | ---                  | ---          |
| 6       | ---            | ---           | --- | ---  | ---          | ---                     | ---                     | ---                           | ---                         | ---                      | ---                  | ---          |
| 7       | ---            | ---           | --- | ---  | ---          | ---                     | ---                     | ---                           | ---                         | ---                      | ---                  | ---          |
| 8       | ---            | ---           | --- | ---  | ---          | ---                     | ---                     | ---                           | ---                         | ---                      | ---                  | ---          |
| 9       | ---            | ---           | --- | ---  | ---          | ---                     | ---                     | ---                           | ---                         | ---                      | ---                  | ---          |
| 10      | ---            | ---           | --- | ---  | ---          | ---                     | ---                     | ---                           | ---                         | ---                      | ---                  | ---          |
| 11      | ---            | ---           | --- | ---  | ---          | ---                     | ---                     | ---                           | ---                         | ---                      | ---                  | ---          |
| 12      | ---            | ---           | --- | ---  | ---          | ---                     | ---                     | ---                           | ---                         | ---                      | ---                  | ---          |
| 13      | ---            | ---           | --- | ---  | ---          | ---                     | ---                     | ---                           | ---                         | ---                      | ---                  | ---          |
| 14      | ---            | ---           | --- | ---  | ---          | ---                     | ---                     | ---                           | ---                         | ---                      | ---                  | ---          |
| 15      | ---            | ---           | --- | ---  | ---          | ---                     | ---                     | ---                           | ---                         | ---                      | ---                  | ---          |
| 16      | ---            | ---           | --- | ---  | ---          | ---                     | ---                     | ---                           | ---                         | ---                      | ---                  | ---          |

**Witnessed by:** Nil

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

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

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

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

Supervisor (Lab)

Director/Dy. Director Concrete Laboratory