



**Plain and Reinforced Concrete Laboratory**  
**Department of Civil Engineering**  
University of Engineering and Technology, Lahore  
Phone Nos. 042-99029202, 042-99029217

9364

To: **Mr. Naveed Anwar**  
**Peach Club, 6-C, ST Plaza, 2nd Floor, Room No.2, College Road, Kohinoor City, Faisalabad.**  
**Project: The Qube.**

Engr. Ubaid

Our Ref. No. CL/CED/ 9145 Dated: 29-10-19

Your Ref. No. Nil Dated: 20-10-19

## COMPRESSION TEST REPORT

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

Specimens received on: 21-10-19 Tested on: 23-10-19 in dry/wet condition

| Sr. No. | Mark*                    | Casting Date*        |    |      | Size<br>(in) | Weight<br>(lbs./gms) | Area of<br>X-<br>Section<br>(Sq. in) | Ultimate<br>load<br>(Tons/lbs) | Ultimate<br>Stress<br>(Psi) | Remarks      |
|---------|--------------------------|----------------------|----|------|--------------|----------------------|--------------------------------------|--------------------------------|-----------------------------|--------------|
|         |                          | /Wet Weight<br>(gms) |    |      |              |                      |                                      |                                |                             |              |
| 1       | Foundation<br>Basement-2 | 6                    | 10 | 2019 | 6Diax12      | 13.6                 | 28.28                                | 53                             | 4140                        | Non Engraved |
| 2       | Foundation<br>Basement-2 | 6                    | 10 | 2019 | 6Diax12      | 13.8                 | 28.28                                | 54                             | 4210                        | Non Engraved |
| 3       | Foundation<br>Basement-2 | 6                    | 10 | 2019 | 6Diax12      | 14                   | 28.28                                | 61                             | 4760                        | Non Engraved |
| 4       | Foundation<br>Basement-2 | 9                    | 10 | 2019 | 6Diax12      | 13.4                 | 28.28                                | 53.8                           | 4200                        | Non Engraved |
| 5       | Foundation<br>Basement-2 | 9                    | 10 | 2019 | 6Diax12      | 13                   | 28.28                                | 31                             | 2420                        | Non Engraved |
| 6       | Foundation<br>Basement-2 | 9                    | 10 | 2019 | 6Diax12      | 13                   | 28.28                                | 36                             | 2810                        | Non Engraved |
| 7       |                          |                      |    |      |              |                      |                                      |                                |                             |              |
| 8       |                          |                      |    |      |              |                      |                                      |                                |                             |              |
| 9       |                          |                      |    |      |              |                      |                                      |                                |                             |              |
| 10      |                          |                      |    |      |              |                      |                                      |                                |                             |              |
| 11      |                          |                      |    |      |              |                      |                                      |                                |                             |              |
| 12      |                          |                      |    |      |              |                      |                                      |                                |                             |              |
| 13      |                          |                      |    |      |              |                      |                                      |                                |                             |              |
| 14      |                          |                      |    |      |              |                      |                                      |                                |                             |              |
| 15      |                          |                      |    |      |              |                      |                                      |                                |                             |              |
| 16      |                          |                      |    |      |              |                      |                                      |                                |                             |              |

Results can also be seen on website [http://www.uet.edu.pk/faculties/facultiesinfo/department?RID=testing\\_reports&id=6](http://www.uet.edu.pk/faculties/facultiesinfo/department?RID=testing_reports&id=6)

\* 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" dia x 12" 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

## Department of Civil Engineering

University of Engineering and Technology, Lahore

Phone Nos. 042-99029202, 042-99029217

9365

Engr. Ubaid

To: (Z.H.Kazmi), Principal Architect  
Z.H.Kazmi & Associates. Liberty Market, Gulberg-III, Lahore.  
Project: MCB Ghalla Mandi Branch Bahawalpur.

Our Ref. No. CL/CED/ 9146 Dated: 29-10-19

Your Ref. No. Nil Dated: 03-10-19

## COMPRESSION TEST REPORT

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

Specimens received on: 21-10-19 Tested on: 23-10-19 in dry/wet condition

| Sr. No. | Mark* | Casting Date* |     |      | Size<br>(in) | Weight<br>(lbs./gms) | Area of<br>X-Section<br>(Sq. in) | Ultimate<br>load<br>(Tons/lbs) | Ultimate<br>Stress<br>(Psi) | Remarks      |
|---------|-------|---------------|-----|------|--------------|----------------------|----------------------------------|--------------------------------|-----------------------------|--------------|
|         |       | Month         | Day | Year |              |                      |                                  |                                |                             |              |
| 1       |       | 11            | 8   | 2019 | 6Diax12      | 14                   | 28.28                            | 51.3                           | 4000                        | Non Engraved |
| 2       |       | 11            | 8   | 2019 | 6Diax12      | 13.8                 | 28.28                            | 51.5                           | 4020                        | Non Engraved |
| 3       |       |               |     |      |              |                      |                                  |                                |                             |              |
| 4       |       |               |     |      |              |                      |                                  |                                |                             |              |
| 5       |       |               |     |      |              |                      |                                  |                                |                             |              |
| 6       |       |               |     |      |              |                      |                                  |                                |                             |              |
| 7       |       |               |     |      |              |                      |                                  |                                |                             |              |
| 8       |       |               |     |      |              |                      |                                  |                                |                             |              |
| 9       |       |               |     |      |              |                      |                                  |                                |                             |              |
| 10      |       |               |     |      |              |                      |                                  |                                |                             |              |
| 11      |       |               |     |      |              |                      |                                  |                                |                             |              |
| 12      |       |               |     |      |              |                      |                                  |                                |                             |              |
| 13      |       |               |     |      |              |                      |                                  |                                |                             |              |
| 14      |       |               |     |      |              |                      |                                  |                                |                             |              |
| 15      |       |               |     |      |              |                      |                                  |                                |                             |              |
| 16      |       |               |     |      |              |                      |                                  |                                |                             |              |

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

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supervisor(lab)

Director/Dy. Director Concrete Laboratory



**Plain and Reinforced Concrete Laboratory**  
**Department of Civil Engineering**  
University of Engineering and Technology, Lahore  
Phone Nos. 042-99029202, 042-99029217

9376

Engr. Ubaid

To: (Z.H.Kazmi), Principal Architect  
Z.H.Kazmi & Associates. Liberty Market, Gulberg-III, Lahore.  
Project: MCB Ghalla Mandi Branch Bahawalpur.

Our Ref. No. CL/CED/ 9147 Dated: 29-10-19

Your Ref. No. Nil Dated: 22-10-19

## COMPRESSION TEST REPORT

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

Specimens received on: 22-10-19 Tested on: 23-10-19 in dry/wet condition

| Sr. No. | Mark* | Casting Date*       |   |      | Size<br>(in) | Weight<br>(lbs./gms) | Area of<br>X-Section<br>(Sq. in) | Ultimate<br>load<br>(Tons/lbs) | Ultimate<br>Stress<br>(Psi) | Remarks      |
|---------|-------|---------------------|---|------|--------------|----------------------|----------------------------------|--------------------------------|-----------------------------|--------------|
|         |       | Wet Weight<br>(gms) |   |      |              |                      |                                  |                                |                             |              |
| 1       |       | 22                  | 8 | 2019 | 6Diax12      | 14                   | 28.28                            | 43                             | 3360                        | Non Engraved |
| 2       |       | 22                  | 8 | 2019 | 6Diax12      | 14                   | 28.28                            | 34.5                           | 2690                        | Non Engraved |
| 3       |       |                     |   |      |              |                      |                                  |                                |                             |              |
| 4       |       |                     |   |      |              |                      |                                  |                                |                             |              |
| 5       |       |                     |   |      |              |                      |                                  |                                |                             |              |
| 6       |       |                     |   |      |              |                      |                                  |                                |                             |              |
| 7       |       |                     |   |      |              |                      |                                  |                                |                             |              |
| 8       |       |                     |   |      |              |                      |                                  |                                |                             |              |
| 9       |       |                     |   |      |              |                      |                                  |                                |                             |              |
| 10      |       |                     |   |      |              |                      |                                  |                                |                             |              |
| 11      |       |                     |   |      |              |                      |                                  |                                |                             |              |
| 12      |       |                     |   |      |              |                      |                                  |                                |                             |              |
| 13      |       |                     |   |      |              |                      |                                  |                                |                             |              |
| 14      |       |                     |   |      |              |                      |                                  |                                |                             |              |
| 15      |       |                     |   |      |              |                      |                                  |                                |                             |              |
| 16      |       |                     |   |      |              |                      |                                  |                                |                             |              |

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\* as engraved on the specimens (if any)

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

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supervisor(lab)

Director/Dy. Director Concrete Laboratory



**Plain and Reinforced Concrete Laboratory**  
**Department of Civil Engineering**  
University of Engineering and Technology, Lahore  
Phone Nos. 042-99029202, 042-99029217

9417

Dr. Umbreen

To: **Pak Construction System.**

**Flat # 21, 2nd Floor, Sharaf Mension, Chowk Ganga Ram Hospital, Lahore.**

**Project: Cotton Web Stitching Extension Building # 01.**

Our Ref. No. CL/CED/ 9148 Dated: 29-10-19

Your Ref. No. Nil Dated: 25-10-19

## COMPRESSION TEST REPORT

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

Specimens received on: 29-10-19 Tested on: 29-10-19 in dry/wet condition

| Sr. No. | Mark*                              | Casting Date*        |   |      | Size<br>(in) | Weight<br>(lbs./gms) | Area of<br>X-<br>Section<br>(Sq. in) | Ultimate<br>load<br>(Tons/lbs) | Ultimate<br>Stress<br>(Psi) | Remarks      |
|---------|------------------------------------|----------------------|---|------|--------------|----------------------|--------------------------------------|--------------------------------|-----------------------------|--------------|
|         |                                    | /Wet Weight<br>(gms) |   |      |              |                      |                                      |                                |                             |              |
| 1       | G.F.Slab, Grid A-G/3-10 (3000 Psi) | 24                   | 9 | 2019 | 6Diax12      | 13                   | 28.28                                | 32                             | 2500                        | Non Engraved |
| 2       | G.F.Slab, Grid A-G/3-10 (3000 Psi) | 24                   | 9 | 2019 | 6Diax12      | 13.5                 | 28.28                                | 65                             | 5070                        | Non Engraved |
| 3       | G.F.Slab, Grid A-G/3-10 (3000 Psi) | 24                   | 9 | 2019 | 6Diax12      | 13.6                 | 28.28                                | 59                             | 4600                        | Non Engraved |
| 4       |                                    |                      |   |      |              |                      |                                      |                                |                             |              |
| 5       |                                    |                      |   |      |              |                      |                                      |                                |                             |              |
| 6       |                                    |                      |   |      |              |                      |                                      |                                |                             |              |
| 7       |                                    |                      |   |      |              |                      |                                      |                                |                             |              |
| 8       |                                    |                      |   |      |              |                      |                                      |                                |                             |              |
| 9       |                                    |                      |   |      |              |                      |                                      |                                |                             |              |
| 10      |                                    |                      |   |      |              |                      |                                      |                                |                             |              |
| 11      |                                    |                      |   |      |              |                      |                                      |                                |                             |              |
| 12      |                                    |                      |   |      |              |                      |                                      |                                |                             |              |
| 13      |                                    |                      |   |      |              |                      |                                      |                                |                             |              |
| 14      |                                    |                      |   |      |              |                      |                                      |                                |                             |              |
| 15      |                                    |                      |   |      |              |                      |                                      |                                |                             |              |
| 16      |                                    |                      |   |      |              |                      |                                      |                                |                             |              |

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9417

Dr. Umbreen

To: **Pak Construction System.**

**Flat # 21, 2nd Floor, Sharaf Mension, Chowk Ganga Ram Hospital, Lahore.**

**Project: Cotton Web Stitching Extension Building # 01.**

Our Ref. No. CL/CED/ 9149 Dated: 29-10-19

Your Ref. No. Nil Dated: 25-10-19

## COMPRESSION TEST REPORT

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

Specimens received on: 29-10-19 Tested on: 29-10-19 in dry/wet condition

| Sr. No. | Mark*                            | Casting Date*       |   |      | Size<br>(in) | Weight<br>(lbs./gms) | Area of<br>X-Section<br>(Sq. in) | Ultimate<br>load<br>(Tons/lbs) | Ultimate<br>Stress<br>(Psi) | Remarks  |
|---------|----------------------------------|---------------------|---|------|--------------|----------------------|----------------------------------|--------------------------------|-----------------------------|----------|
|         |                                  | Wet Weight<br>(gms) |   |      |              |                      |                                  |                                |                             |          |
| 1       | G.F.Col, Grid A-G/4-10 (4000Psi) | 8                   | 8 | 2019 | 6Diax12      | 13                   | 28.28                            | 38                             | 2970                        | Engraved |
| 2       | G.F.Col, Grid A-G/4-10 (4000Psi) | 8                   | 8 | 2019 | 6Diax12      | 13                   | 28.28                            | 67                             | 5230                        | Engraved |
| 3       | G.F.Col, Grid A-G/4-10 (4000Psi) | 8                   | 8 | 2019 | 6Diax12      | 13.1                 | 28.28                            | 63                             | 4910                        | Engraved |
| 4       |                                  |                     |   |      |              |                      |                                  |                                |                             |          |
| 5       |                                  |                     |   |      |              |                      |                                  |                                |                             |          |
| 6       |                                  |                     |   |      |              |                      |                                  |                                |                             |          |
| 7       |                                  |                     |   |      |              |                      |                                  |                                |                             |          |
| 8       |                                  |                     |   |      |              |                      |                                  |                                |                             |          |
| 9       |                                  |                     |   |      |              |                      |                                  |                                |                             |          |
| 10      |                                  |                     |   |      |              |                      |                                  |                                |                             |          |
| 11      |                                  |                     |   |      |              |                      |                                  |                                |                             |          |
| 12      |                                  |                     |   |      |              |                      |                                  |                                |                             |          |
| 13      |                                  |                     |   |      |              |                      |                                  |                                |                             |          |
| 14      |                                  |                     |   |      |              |                      |                                  |                                |                             |          |
| 15      |                                  |                     |   |      |              |                      |                                  |                                |                             |          |
| 16      |                                  |                     |   |      |              |                      |                                  |                                |                             |          |

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supervisor(lab)

Director/Dy. Director Concrete Laboratory



# Plain and Reinforced Concrete Laboratory

## Department of Civil Engineering

University of Engineering and Technology, Lahore

Phone Nos. 042-99029202, 042-99029217

9352

Dr. Umbreen

To: **Sub Divisional Officer**  
**R/O Sub Division, Sheikhpura.**  
**Project: Chenallization of Deg Nullah (Package 1).**

Our Ref. No. CL/CED/ 9150 Dated: 29-10-19

Your Ref. No. 596/2W Dated: 16-10-19

## COMPRESSION TEST REPORT

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

Specimens received on: 16-10-19 Tested on: 28-10-19 in dry/wet condition

| Sr. No. | Mark*                             | Casting Date*        |   |      | Size<br>(in) | Weight<br>(lbs./gms) | Area of<br>X-<br>Section<br>(Sq. in) | Ultimate<br>load<br>(Tons/lbs) | Ultimate<br>Stress<br>(Psi) | Remarks      |
|---------|-----------------------------------|----------------------|---|------|--------------|----------------------|--------------------------------------|--------------------------------|-----------------------------|--------------|
|         |                                   | /Wet Weight<br>(gms) |   |      |              |                      |                                      |                                |                             |              |
| 1       | Girder Rd 157+230<br>1st Span     | 17                   | 9 | 2019 | 6x6x6        | 8.8                  | 36                                   | 106                            | 6600                        | Non Engraved |
| 2       | Girder Rd 157+230<br>1st Span     | 17                   | 9 | 2019 | 6x6x6        | 9                    | 36                                   | 126                            | 7840                        | Non Engraved |
| 3       | Girder Rd 157+230<br>1st Span     | 17                   | 9 | 2019 | 6x6x6        | 9                    | 36                                   | 124                            | 7720                        | Non Engraved |
| 4       | Abutment Pile 22 L/S<br>Rd 93+000 | 20                   | 9 | 2019 | 6x6x6        | 8.6                  | 36                                   | 98                             | 6100                        | Non Engraved |
| 5       | Abutment Pile 22 L/S<br>Rd 93+000 | 20                   | 9 | 2019 | 6x6x6        | 9                    | 36                                   | 114                            | 7100                        | Non Engraved |
| 6       | Abutment Pile 22 L/S<br>Rd 93+000 | 20                   | 9 | 2019 | 6x6x6        | 9                    | 36                                   | 83                             | 5170                        | Non Engraved |
| 7       | Abutment Pile 23 L/S<br>Rd 93+000 | 21                   | 9 | 2019 | 6x6x6        | 9                    | 36                                   | 108                            | 6720                        | Non Engraved |
| 8       | Abutment Pile 23 L/S<br>Rd 93+000 | 21                   | 9 | 2019 | 6x6x6        | 8.8                  | 36                                   | 86                             | 5360                        | Non Engraved |
| 9       | Abutment Pile 23 L/S<br>Rd 93+000 | 21                   | 9 | 2019 | 6x6x6        | 9                    | 36                                   | 112                            | 6970                        | Non Engraved |
| 10      | Gird. Rd 157+230<br>2nd Span      | 21                   | 9 | 2019 | 6x6x6        | 9                    | 36                                   | 96                             | 5980                        | Non Engraved |
| 11      | Gird. Rd 157+230<br>2nd Span      | 21                   | 9 | 2019 | 6x6x6        | 8.8                  | 36                                   | 65                             | 4050                        | Non Engraved |
| 12      | Gird. Rd 157+230<br>2nd Span      | 21                   | 9 | 2019 | 6x6x6        | 9                    | 36                                   | 104                            | 6480                        | Non Engraved |
| 13      |                                   |                      |   |      |              |                      |                                      |                                |                             |              |
| 14      |                                   |                      |   |      |              |                      |                                      |                                |                             |              |
| 15      |                                   |                      |   |      |              |                      |                                      |                                |                             |              |
| 16      |                                   |                      |   |      |              |                      |                                      |                                |                             |              |

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supervisor(lab)

Director/Dy. Director Concrete Laboratory