



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

99

Dr. Umbreen

**To: Umair Maqsood (Sub Divisional Officer)**  
**Buildings Sub Division, Assembly, Lahore**  
**Project: Construction of MPA Hostel Phase -II Lahore (Group No.02)**

Our Ref. No. CL/CED/ 1166 Dated: 12-11-20

Your Ref. No. 2974 Dated: 02-11-20

## COMPRESSION TEST REPORT

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

Specimens received on: 06-11-20 Tested on: 10-11-20 in dry/wet condition

| Sr. No. | Mark* | Casting Date* |     |      | Size (in) | Weight (lbs./gms) | Area of X-Section (Sq. in) | Ultimate load (Tons/lbs) | Ultimate Stress (Psi) | Remarks  |
|---------|-------|---------------|-----|------|-----------|-------------------|----------------------------|--------------------------|-----------------------|----------|
|         |       | Month         | Day | Year |           |                   |                            |                          |                       |          |
| 1       | Beam  | 24            | 9   | 2020 | 6x6x6     | 9                 | 36                         | 110                      | 6850                  | Engraved |
| 2       | Beam  | 24            | 9   | 2020 | 6x6x6     | 9                 | 36                         | 100                      | 6230                  | Engraved |
| 3       |       |               |     |      |           |                   |                            |                          |                       |          |
| 4       |       |               |     |      |           |                   |                            |                          |                       |          |
| 5       |       |               |     |      |           |                   |                            |                          |                       |          |
| 6       |       |               |     |      |           |                   |                            |                          |                       |          |
| 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

99

Dr. Umbreen

**To: Umair Maqsood (Sub Divisional Officer)**  
**Buildings Sub Division, Assembly, Lahore**  
**Project: Construction of MPA Hostel Phase -II Lahore (Group No.02)**

Our Ref. No. CL/CED/ 1167 Dated: 12-11-20

Your Ref. No. 2975 Dated: 02-11-20

## COMPRESSION TEST REPORT

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

Specimens received on: 06-11-20 Tested on: 10-11-20 in dry/wet condition

| Sr. No. | Mark* | Casting Date*     |   |      | Size (in) | Weight (lbs./gms) | Area of X-Section (Sq. in) | Ultimate load (Tons/lbs) | Ultimate Stress (Psi) | Remarks  |
|---------|-------|-------------------|---|------|-----------|-------------------|----------------------------|--------------------------|-----------------------|----------|
|         |       | /Wet Weight (gms) |   |      |           |                   |                            |                          |                       |          |
| 1       | Piles | 29                | 9 | 2020 | 6x6x6     | 8.6               | 36                         | 83                       | 5170                  | Engraved |
| 2       | Piles | 29                | 9 | 2020 | 6x6x6     | 8.6               | 36                         | 83                       | 5170                  | 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)

\*\* 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

99

To: **Umair Maqsood (Sub Divisional Officer)**  
**Buildings Sub Division, Assembly, Lahore**  
**Project: Construction of MPA Hostel Phase -II Lahore (Group No.02)**

Dr. Umbreen

Our Ref. No. CL/CED/ 1168 Dated: 12-11-20

Your Ref. No. 2976 Dated: 02-11-20

## COMPRESSION TEST REPORT

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

Specimens received on: 06-11-20 Tested on: 10-11-20 in dry/wet condition

| Sr. No. | Mark* | Casting Date*     |    |      | Size (in) | Weight (lbs./gms) | Area of X-Section (Sq. in) | Ultimate load (Tons/lbs) | Ultimate Stress (Psi) | Remarks  |
|---------|-------|-------------------|----|------|-----------|-------------------|----------------------------|--------------------------|-----------------------|----------|
|         |       | /Wet Weight (gms) |    |      |           |                   |                            |                          |                       |          |
| 1       | Piles | 3                 | 10 | 2020 | 6x6x6     | 9                 | 36                         | 83                       | 5170                  | Engraved |
| 2       | Piles | 3                 | 10 | 2020 | 6x6x6     | 8.6               | 36                         | 80                       | 4980                  | Engraved |
| 3       |       |                   |    |      |           |                   |                            |                          |                       |          |
| 4       |       |                   |    |      |           |                   |                            |                          |                       |          |
| 5       |       |                   |    |      |           |                   |                            |                          |                       |          |
| 6       |       |                   |    |      |           |                   |                            |                          |                       |          |
| 7       |       |                   |    |      |           |                   |                            |                          |                       |          |
| 8       |       |                   |    |      |           |                   |                            |                          |                       |          |
| 9       |       |                   |    |      |           |                   |                            |                          |                       |          |
| 10      |       |                   |    |      |           |                   |                            |                          |                       |          |
| 11      |       |                   |    |      |           |                   |                            |                          |                       |          |
| 12      |       |                   |    |      |           |                   |                            |                          |                       |          |
| 13      |       |                   |    |      |           |                   |                            |                          |                       |          |
| 14      |       |                   |    |      |           |                   |                            |                          |                       |          |
| 15      |       |                   |    |      |           |                   |                            |                          |                       |          |
| 16      |       |                   |    |      |           |                   |                            |                          |                       |          |

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[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

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Dr. Umbreen

**To: Umair Maqsood (Sub Divisional Officer)**  
**Buildings Sub Division, Assembly, Lahore**  
**Project: Construction of MPA Hostel Phase -II Lahore (Group No.02)**

Our Ref. No. CL/CED/ 1169 Dated: 12-11-20

Your Ref. No. 2977 Dated: 03-11-20

## COMPRESSION TEST REPORT

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

Specimens received on: 06-11-20 Tested on: 10-11-20 in dry/wet condition

| Sr. No. | Mark* | Casting Date*     |    |      | Size (in) | Weight (lbs./gms) | Area of X-Section (Sq. in) | Ultimate load (Tons/lbs) | Ultimate Stress (Psi) | Remarks  |
|---------|-------|-------------------|----|------|-----------|-------------------|----------------------------|--------------------------|-----------------------|----------|
|         |       | /Wet Weight (gms) |    |      |           |                   |                            |                          |                       |          |
| 1       | Piles | 5                 | 10 | 2020 | 6x6x6     | 9                 | 36                         | 110                      | 6850                  | Engraved |
| 2       | Piles | 5                 | 10 | 2020 | 6x6x6     | 9                 | 36                         | 110                      | 6850                  | 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)

\*\* 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**



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**Department of Civil Engineering**  
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Phone Nos. 042-99029202, 042-99029217

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To: **Umair Maqsood (Sub Divisional Officer)**

Dr. Umbreen

**Buildings Sub Division, Assembly, Lahore**

**Project: Construction of 60-No. Staff Quarters (Grade 1 to 10) at MPA's Hostel Lahore (ADP No. 3429 for The Year 2020-21)**

Our Ref. No. CL/CED/ 1170 Dated: 12-11-20

Your Ref. No. 2978 Dated: 03-11-20

## COMPRESSION TEST REPORT

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

Specimens received on: 06-11-20 Tested on: 10-11-20 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       | Block-A 1st Floor<br>Column | 18                  | 9 | 2020 | 6x6x6        | 8.4                  | 36                               | 65                             | 4050                        | Engraved |
| 2       | Block-A 1st Floor<br>Column | 18                  | 9 | 2020 | 6x6x6        | 8.6                  | 36                               | 73                             | 4550                        | 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)

\*\* 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

99

To: Umair Maqsood (Sub Divisional Officer)

Dr. Umbreen

Buildings Sub Division, Assembly, Lahore

Project: Construction of 60-No. Staff Quarters (Grade 1 to 10) at MPA's Hostel Lahore (ADP No. 3429 for The Year 2020-21)

Our Ref. No. CL/CED/ 1171 Dated: 12-11-20

Your Ref. No. 2979 Dated: 03-11-20

## COMPRESSION TEST REPORT

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

Specimens received on: 06-11-20 Tested on: 10-11-20 in dry/wet condition

| Sr. No. | Mark*                       | Casting Date* |     |      | Size (in) | Weight (lbs./gms) | Area of X-Section (Sq. in) | Ultimate load (Tons/lbs) | Ultimate Stress (Psi) | Remarks  |
|---------|-----------------------------|---------------|-----|------|-----------|-------------------|----------------------------|--------------------------|-----------------------|----------|
|         |                             | Month         | Day | Year |           |                   |                            |                          |                       |          |
| 1       | Block-B Ground Floor Column | 21            | 9   | 2020 | 6x6x6     | 8.2               | 36                         | 94                       | 5850                  | Engraved |
| 2       | Block-B Ground Floor Column | 21            | 9   | 2020 | 6x6x6     | 8.2               | 36                         | 96                       | 5980                  | Engraved |
| 3       |                             |               |     |      |           |                   |                            |                          |                       |          |
| 4       |                             |               |     |      |           |                   |                            |                          |                       |          |
| 5       |                             |               |     |      |           |                   |                            |                          |                       |          |
| 6       |                             |               |     |      |           |                   |                            |                          |                       |          |
| 7       |                             |               |     |      |           |                   |                            |                          |                       |          |
| 8       |                             |               |     |      |           |                   |                            |                          |                       |          |
| 9       |                             |               |     |      |           |                   |                            |                          |                       |          |
| 10      |                             |               |     |      |           |                   |                            |                          |                       |          |
| 11      |                             |               |     |      |           |                   |                            |                          |                       |          |
| 12      |                             |               |     |      |           |                   |                            |                          |                       |          |
| 13      |                             |               |     |      |           |                   |                            |                          |                       |          |
| 14      |                             |               |     |      |           |                   |                            |                          |                       |          |
| 15      |                             |               |     |      |           |                   |                            |                          |                       |          |
| 16      |                             |               |     |      |           |                   |                            |                          |                       |          |

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\*\*\*\* 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

99

To: **Umair Maqsood (Sub Divisional Officer)**

Dr. Umbreen

**Buildings Sub Division, Assembly, Lahore**

**Project: Construction of 60-No. Staff Quarters (Grade 1 to 10) at MPA's Hostel Lahore (ADP No. 3429 for The Year 2020-21)**

Our Ref. No. CL/CED/ 1172 Dated: 12-11-20

Your Ref. No. 2980 Dated: 03-11-20

## COMPRESSION TEST REPORT

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

Specimens received on: 06-11-20 Tested on: 10-11-20 in dry/wet condition

| Sr. No. | Mark*                       | Casting Date* |     |      | Size (in) | Weight (lbs./gms) | Area of X-Section (Sq. in) | Ultimate load (Tons/lbs) | Ultimate Stress (Psi) | Remarks  |
|---------|-----------------------------|---------------|-----|------|-----------|-------------------|----------------------------|--------------------------|-----------------------|----------|
|         |                             | Month         | Day | Year |           |                   |                            |                          |                       |          |
| 1       | Block-B Ground Floor Column | 30            | 9   | 2020 | 6x6x6     | 8.2               | 36                         | 61                       | 3800                  | Engraved |
| 2       | Block-B Ground Floor Column | 30            | 9   | 2020 | 6x6x6     | 8.2               | 36                         | 90                       | 5600                  | 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

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

99

To: **Umair Maqsood (Sub Divisional Officer)**

Dr. Umbreen

**Buildings Sub Division, Assembly, Lahore**

**Project: Construction of 60-No. Staff Quarters (Grade 1 to 10) at MPA's Hostel Lahore (ADP No. 3429 for The Year 2020-21)**

Our Ref. No. CL/CED/ 1173 Dated: 12-11-20

Your Ref. No. 2981 Dated: 04-11-20

## COMPRESSION TEST REPORT

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

Specimens received on: 06-11-20 Tested on: 10-11-20 in dry/wet condition

| Sr. No. | Mark*                  | Casting Date*    |    |      | Size (in) | Weight (lbs./gms) | Area of X-Section (Sq. in) | Ultimate load (Tons/lbs) | Ultimate Stress (Psi) | Remarks  |
|---------|------------------------|------------------|----|------|-----------|-------------------|----------------------------|--------------------------|-----------------------|----------|
|         |                        | Wet Weight (gms) |    |      |           |                   |                            |                          |                       |          |
| 1       | Block-A 1st Floor Slab | 1                | 10 | 2020 | 6x6x6     | 8.2               | 36                         | 94                       | 5850                  | Engraved |
| 2       | Block-A 1st Floor Slab | 1                | 10 | 2020 | 6x6x6     | 8.6               | 36                         | 100                      | 6230                  | 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)

\*\* 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

99

To: **Umair Maqsood (Sub Divisional Officer)**

Dr. Umbreen

**Buildings Sub Division, Assembly, Lahore**

**Project: Construction of 60-No. Staff Quarters (Grade 1 to 10) at MPA's Hostel Lahore (ADP No. 3429 for The Year 2020-21)**

Our Ref. No. CL/CED/ 1174 Dated: 12-11-20

Your Ref. No. 2982 Dated: 04-11-20

## COMPRESSION TEST REPORT

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

Specimens received on: 06-11-20 Tested on: 10-11-20 in dry/wet condition

| Sr. No. | Mark*                       | Casting Date*    |    |      | Size (in) | Weight (lbs./gms) | Area of X-Section (Sq. in) | Ultimate load (Tons/lbs) | Ultimate Stress (Psi) | Remarks  |
|---------|-----------------------------|------------------|----|------|-----------|-------------------|----------------------------|--------------------------|-----------------------|----------|
|         |                             | Wet Weight (gms) |    |      |           |                   |                            |                          |                       |          |
| 1       | Block-B Ground Floor Column | 3                | 10 | 2020 | 6x6x6     | 8.8               | 36                         | 80                       | 4980                  | Engraved |
| 2       | Block-B Ground Floor Column | 3                | 10 | 2020 | 6x6x6     | 8.6               | 36                         | 92                       | 5730                  | 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)

\*\* 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

112  
Dr. Aqsa

To: **Sub Divisional Officer**

**Buildings Sub Division No. 12, Lahore**

**Project: Construction of Hostels for Students Alongwith Inter Connecting Bridge of Fatima Jinah Medical University Lahore (3rd Floor Column)**

Our Ref. No. CL/CED/ 1175 Dated: 12-11-20

Your Ref. No. 557/SDO12th Dated: 04-11-20

## COMPRESSION TEST REPORT

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

Specimens received on: 10-11-20 Tested on: 11-11-20 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       | ( 1 : 1.5 : 3 ) | 6                   | 10 | 2020 | 6x6x6        | 9                    | 36                                   | 92                             | 5730                        | Non Engraved |
| 2       | ( 1 : 1.5 : 3 ) | 6                   | 10 | 2020 | 6x6x6        | 9                    | 36                                   | 105                            | 6540                        | 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

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

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To: **Engr. Bilal Ahmed (Project Manager)**  
**Lahore School of Economics**  
**Project: Oil Trade Pvt. Ltd.**

Dr. Umbreen

Our Ref. No. CL/CED/ 1176 Dated: 12-11-20

Your Ref. No. Nil Dated: 06-11-20

## COMPRESSION TEST REPORT

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

Specimens received on: 06-11-20 Tested on: 10-11-20 in dry/wet condition

| Sr. No. | Mark*  | Casting Date* |     |      | Size (in) | Weight (lbs./gms) | Area of X-Section (Sq. in) | Ultimate load (Tons/lbs) | Ultimate Stress (Psi) | Remarks  |
|---------|--------|---------------|-----|------|-----------|-------------------|----------------------------|--------------------------|-----------------------|----------|
|         |        | Month         | Day | Year |           |                   |                            |                          |                       |          |
| 1       | L3 G-5 | 8             | 10  | 2020 | 6x6x6     | 8.6               | 36                         | 73                       | 4550                  | Engraved |
| 2       | L3 G-5 | 8             | 10  | 2020 | 6x6x6     | 8.6               | 36                         | 83                       | 5170                  | Engraved |
| 3       | L3 G-4 | 9             | 10  | 2020 | 6x6x6     | 9                 | 36                         | 57                       | 3550                  | Engraved |
| 4       | L3 G-4 | 9             | 10  | 2020 | 6x6x6     | 8.8               | 36                         | 61                       | 3800                  | Engraved |
| 5       |        |               |     |      |           |                   |                            |                          |                       |          |
| 6       |        |               |     |      |           |                   |                            |                          |                       |          |
| 7       |        |               |     |      |           |                   |                            |                          |                       |          |
| 8       |        |               |     |      |           |                   |                            |                          |                       |          |
| 9       |        |               |     |      |           |                   |                            |                          |                       |          |
| 10      |        |               |     |      |           |                   |                            |                          |                       |          |
| 11      |        |               |     |      |           |                   |                            |                          |                       |          |
| 12      |        |               |     |      |           |                   |                            |                          |                       |          |
| 13      |        |               |     |      |           |                   |                            |                          |                       |          |
| 14      |        |               |     |      |           |                   |                            |                          |                       |          |
| 15      |        |               |     |      |           |                   |                            |                          |                       |          |
| 16      |        |               |     |      |           |                   |                            |                          |                       |          |

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\* 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

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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

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Dr. Aqsa

To: **Assistant Executive Engineer**

**KBCMA, CVAS, Narowal**

**Project: Construction of Training / Research Dairy Unit, Training / Research Poultry Unit, Post Mortem Building , Surgery Unit, Theriogenology Unit, Medicine Unit at CVAS Narowal**

Our Ref. No. CL/CED/

1177

Dated:

12-11-20

Your Ref. No.

AEE/25

Dated:

29-10-20

## COMPRESSION TEST REPORT

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

Specimens received on: 11-11-20 Tested on: 11-11-20 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       | Roof Slab | 7                   | 10 | 2020 | 6x6x6        | 9                    | 36                                   | 43                             | 2680                        | Non Engraved |
| 2       | Roof Slab | 7                   | 10 | 2020 | 6x6x6        | 9                    | 36                                   | 53                             | 3300                        | Non Engraved |
| 3       |           |                     |    |      |              |                      |                                      |                                |                             |              |
| 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

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Dr. Aqsa

To: **Muhammad Asif Bajwa (Resident Engineer, PU Lahore)**

**Progressive Consultants (Pvt.) Ltd. Lahore**

**Project: Construction of Institute of Energy and Environmental Engineering at University of Punjab, Lahore**

Our Ref. No. CL/CED/ 1178 Dated: 12-11-20

Your Ref. No. RE/PCL-562/LHR/IEEE/PU/122 Dated: 03-11-20

## COMPRESSION TEST REPORT

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

Specimens received on: 09-11-20 Tested on: 11-11-20 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       |       | 4                    | 10 | 2020 | 6Diax12      | 14.2                 | 28.28                                | 72                             | 5710                        | Non Engraved |
| 2       |       | 4                    | 10 | 2020 | 6Diax12      | 13                   | 28.28                                | 80                             | 6340                        | Non Engraved |
| 3       |       | 6                    | 10 | 2020 | 6Diax12      | 14                   | 28.28                                | 83                             | 6580                        | Non Engraved |
| 4       |       | 6                    | 10 | 2020 | 6Diax12      | 14                   | 28.28                                | 63                             | 4990                        | Non Engraved |
| 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

109  
Dr. Aqsa

**To: Azam Wahab (Construction Manager)**  
**Progressive Consultants (Pvt.) Ltd. Lahore**  
**Project: Construction of 1 No. 3 Storey Building in Sheikhpura in Punjab Province, Pakistan**

Our Ref. No. CL/CED/ 1179 Dated: 12-11-20

Your Ref. No. AA/UNOPS/UET/015 Dated: 09-11-20

## COMPRESSION TEST REPORT

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

Specimens received on: 09-11-20 Tested on: 11-11-20 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       | Ground Floor<br>Columns | 5                    | 10 | 2020 | 6Diax12      | 14                   | 28.28                                | 70                             | 5550                        | Engraved |
| 2       | Ground Floor<br>Columns | 5                    | 10 | 2020 | 6Diax12      | 13.2                 | 28.28                                | 73                             | 5790                        | Engraved |
| 3       | Ground Floor<br>Columns | 7                    | 10 | 2020 | 6Diax12      | 13.8                 | 28.28                                | 53                             | 4200                        | Engraved |
| 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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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

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Dr. Aqsa

To: **M. Sohail Anjum (Project Manager)**  
**P-156 Gulberg II, Lahore**  
**Project: Construction of P-156 Gulberg II, Lahore**

Our Ref. No. CL/CED/ 1180 Dated: 12-11-20

Your Ref. No. P-156-167 Dated: 10-11-20

## COMPRESSION TEST REPORT

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

Specimens received on: 10-11-20 Tested on: 11-11-20 in dry/wet condition

| Sr. No. | Mark*          | Casting Date*     |    |      | Size (in) | Weight (lbs./gms) | Area of X-Section (Sq. in) | Ultimate load (Tons/lbs) | Ultimate Stress (Psi) | Remarks      |
|---------|----------------|-------------------|----|------|-----------|-------------------|----------------------------|--------------------------|-----------------------|--------------|
|         |                | /Wet Weight (gms) |    |      |           |                   |                            |                          |                       |              |
| 1       | 651 (4500 Psi) | 2                 | 11 | 2020 | 6Diax12   | 14.4              | 28.28                      | 63                       | 4990                  | Non Engraved |
| 2       | 653 (4500 Psi) | 2                 | 11 | 2020 | 6Diax12   | 14.2              | 28.28                      | 60                       | 4760                  | Non Engraved |
| 3       | 655 (4500 Psi) | 2                 | 11 | 2020 | 6Diax12   | 15                | 28.28                      | 69                       | 5470                  | Non Engraved |
| 4       |                |                   |    |      |           |                   |                            |                          |                       |              |
| 5       |                |                   |    |      |           |                   |                            |                          |                       |              |
| 6       |                |                   |    |      |           |                   |                            |                          |                       |              |
| 7       |                |                   |    |      |           |                   |                            |                          |                       |              |
| 8       |                |                   |    |      |           |                   |                            |                          |                       |              |
| 9       |                |                   |    |      |           |                   |                            |                          |                       |              |
| 10      |                |                   |    |      |           |                   |                            |                          |                       |              |
| 11      |                |                   |    |      |           |                   |                            |                          |                       |              |
| 12      |                |                   |    |      |           |                   |                            |                          |                       |              |
| 13      |                |                   |    |      |           |                   |                            |                          |                       |              |
| 14      |                |                   |    |      |           |                   |                            |                          |                       |              |
| 15      |                |                   |    |      |           |                   |                            |                          |                       |              |
| 16      |                |                   |    |      |           |                   |                            |                          |                       |              |

Results can also be seen on website [http://www.uet.edu.pk/faculties/facultiesinfo/departments?RID=testing\\_reports&id=6](http://www.uet.edu.pk/faculties/facultiesinfo/departments?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"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**  
**Department of Civil Engineering**  
University of Engineering and Technology, Lahore  
Phone Nos. 042-99029202, 042-99029217

116

Dr. Aqsa

To: **M. Sohail Anjum (Project Manager)**  
**P-156 Gulberg II, Lahore**  
**Project: Construction of P-156 Gulberg II, Lahore**

Our Ref. No. CL/CED/ 1181 Dated: 12-11-20

Your Ref. No. P-156-168 Dated: 10-11-20

## COMPRESSION TEST REPORT

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

Specimens received on: 10-11-20 Tested on: 11-11-20 in dry/wet condition

| Sr. No. | Mark*          | Casting Date*     |    |      | Size (in) | Weight (lbs./gms) | Area of X-Section (Sq. in) | Ultimate load (Tons/lbs) | Ultimate Stress (Psi) | Remarks      |
|---------|----------------|-------------------|----|------|-----------|-------------------|----------------------------|--------------------------|-----------------------|--------------|
|         |                | /Wet Weight (gms) |    |      |           |                   |                            |                          |                       |              |
| 1       | 659 (3000 Psi) | 5                 | 11 | 2020 | 6Diax12   | 14.2              | 28.28                      | 33                       | 2620                  | Non Engraved |
| 2       | 660 (3000 Psi) | 5                 | 11 | 2020 | 6Diax12   | 14                | 28.28                      | 33                       | 2620                  | Non Engraved |
| 3       | 661 (3000 Psi) | 5                 | 11 | 2020 | 6Diax12   | 14.4              | 28.28                      | 33                       | 2620                  | Non Engraved |
| 4       |                |                   |    |      |           |                   |                            |                          |                       |              |
| 5       |                |                   |    |      |           |                   |                            |                          |                       |              |
| 6       |                |                   |    |      |           |                   |                            |                          |                       |              |
| 7       |                |                   |    |      |           |                   |                            |                          |                       |              |
| 8       |                |                   |    |      |           |                   |                            |                          |                       |              |
| 9       |                |                   |    |      |           |                   |                            |                          |                       |              |
| 10      |                |                   |    |      |           |                   |                            |                          |                       |              |
| 11      |                |                   |    |      |           |                   |                            |                          |                       |              |
| 12      |                |                   |    |      |           |                   |                            |                          |                       |              |
| 13      |                |                   |    |      |           |                   |                            |                          |                       |              |
| 14      |                |                   |    |      |           |                   |                            |                          |                       |              |
| 15      |                |                   |    |      |           |                   |                            |                          |                       |              |
| 16      |                |                   |    |      |           |                   |                            |                          |                       |              |

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

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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

116

Dr. Aqsa

To: **M. Sohail Anjum (Project Manager)**

**P-156 Gulberg II, Lahore**

**Project: Construction of P-156 Gulberg II, Lahore**

Our Ref. No. CL/CED/

1182

Dated:

12-11-20

Your Ref. No.

P-156-166

Dated:

10-11-20

## COMPRESSION TEST REPORT

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

Specimens received on:

10-11-20

Tested on:

11-11-20

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       | 616 (3000 Psi) | 13                  | 10 | 2020 | 6Diax12      | 15                   | 28.28                                | 54                             | 4280                        | Non Engraved |
| 2       | 613 (3000 Psi) | 13                  | 10 | 2020 | 6Diax12      | 14.4                 | 28.28                                | 53                             | 4200                        | Non Engraved |
| 3       | 614 (3000 Psi) | 13                  | 10 | 2020 | 6Diax12      | 13.4                 | 28.28                                | 49                             | 3890                        | Non Engraved |
| 4       |                |                     |    |      |              |                      |                                      |                                |                             |              |
| 5       |                |                     |    |      |              |                      |                                      |                                |                             |              |
| 6       |                |                     |    |      |              |                      |                                      |                                |                             |              |
| 7       |                |                     |    |      |              |                      |                                      |                                |                             |              |
| 8       |                |                     |    |      |              |                      |                                      |                                |                             |              |
| 9       |                |                     |    |      |              |                      |                                      |                                |                             |              |
| 10      |                |                     |    |      |              |                      |                                      |                                |                             |              |
| 11      |                |                     |    |      |              |                      |                                      |                                |                             |              |
| 12      |                |                     |    |      |              |                      |                                      |                                |                             |              |
| 13      |                |                     |    |      |              |                      |                                      |                                |                             |              |
| 14      |                |                     |    |      |              |                      |                                      |                                |                             |              |
| 15      |                |                     |    |      |              |                      |                                      |                                |                             |              |
| 16      |                |                     |    |      |              |                      |                                      |                                |                             |              |

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

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supervisor(lab)

Director/Dy. Director Concrete Laboratory