



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

10405

Dr.Mazhar Saleem

To: **Mr. Asif Sayyal (Site Engineer)**  
**Usman Industries, Lahore**  
**Project: Nil**

Our Ref. No. CL/CED/ 628 Dated: 19-08-20

Your Ref. No. Nil Dated: 12-08-20

## COMPRESSION TEST REPORT

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

Specimens received on: 12-08-20 Tested on: 13-08-20 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       | Lift Foundation 4000 Psi (GR # 9) | 13                | 7 | 2020 | 6Diax12   | 14.4              | 28.28                      | 59                       | 4680                  | Non Engraved |
| 2       | Lift Foundation 4000 Psi (GR # 9) | 13                | 7 | 2020 | 6Diax12   | 14                | 28.28                      | 57                       | 4520                  | Non Engraved |
| 3       | lift Foundation 4000 Psi (GR # 6) | 13                | 7 | 2020 | 6Diax12   | 14                | 28.28                      | 57                       | 4520                  | 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/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"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

10415  
Dr. Aqsa

**To: New Continental Engineers**  
**Lahore**  
**Project: SE-LB, 3rd Slab**  
**Inmol**

Our Ref. No. CL/CED/ 629 Dated: 19-08-20  
Your Ref. No. Nil Dated: 13-08-20

## COMPRESSION TEST REPORT

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

Specimens received on: 13-08-20 Tested on: 18-08-20 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      |
|---------|-------|---------------|-----|------|--------------|----------------------|--------------------------------------|--------------------------------|-----------------------------|--------------|
|         |       | Month         | Day | Year |              |                      |                                      |                                |                             |              |
| 1       |       | 17            | 7   | 2020 | 6Diax12      | 14.2                 | 28.28                                | 55                             | 4360                        | Non Engraved |
| 2       |       | 17            | 7   | 2020 | 6Diax12      | 14.4                 | 28.28                                | 53                             | 4200                        | 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)

\*\* 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

10416  
Dr. Aqsa

**To: New Continental Engineers**  
**Lahore**  
**Project: SE-L, Inmol - 4th Slab**

Our Ref. No. CL/CED/ 630 Dated: 19-08-20  
Your Ref. No. Nil Dated: 13-08-20

## COMPRESSION TEST REPORT

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

Specimens received on: 13-08-20 Tested on: 18-08-20 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       |       | 29                   | 7 | 2020 | 6Diax12      | 14                   | 28.28                                | 51                             | 4040                        | Non Engraved |
| 2       |       | 29                   | 7 | 2020 | 6Diax12      | 14                   | 28.28                                | 50                             | 3960                        | 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)

\*\* 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

10418  
Dr. Aqsa

**To: Hamza Residencia**  
**Lahore**  
**Project: Hamza Residencia**

Our Ref. No. CL/CED/ 631-1 of 2 Dated: 19-08-20  
Your Ref. No. HR/CT/35 Dated: 13-08-20

## COMPRESSION TEST REPORT

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

Specimens received on: 13-08-20 Tested on: 18-08-20 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       |       | 14                  | 7 | 2020 | 6Diax12      | 13.4                 | 28.28                            | 25                             | 1980                        | Non Engraved |
| 2       |       | 14                  | 7 | 2020 | 6Diax12      | 13.8                 | 28.28                            | 27                             | 2140                        | Non Engraved |
| 3       |       | 14                  | 7 | 2020 | 6Diax12      | 13.4                 | 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/departament?RID=testing\\_reports&id=6](http://www.uet.edu.pk/faculties/facultiesinfo/departament?RID=testing_reports&id=6)

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\*\*\* 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

10418  
Dr. Aqsa

**To: Hamza Residencia**  
**Lahore**  
**Project: Hamza Residencia**

Our Ref. No. CL/CED/ 631-2 of 2 Dated: 19-08-20  
Your Ref. No. HR/CT/35 Dated: 13-08-20

## COMPRESSION TEST REPORT

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

Specimens received on: 13-08-20 Tested on: 18-08-20 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       |       | 14            | 7   | 2020 | 6x6x6     | 8.6               | 36                         | 54                       | 3360                  | Non Engraved |
| 2       |       | 14            | 7   | 2020 | 6x6x6     | 8.8               | 36                         | 55                       | 3430                  | Non Engraved |
| 3       |       | 14            | 7   | 2020 | 6x6x6     | 8.8               | 36                         | 57                       | 3550                  | Non 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)

\*\* 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

10413

To: **Azam Wahab (Construction Manager)**

Dr. Mazhar Saleem

**Akhunzada Associates (Pvt.) Ltd. Peshawar**

**Project: Construction of 1No. of 3 Storey Building in Sheikhpura Punjab Province, Pakistan**

Our Ref. No. CL/CED/ 632 Dated: 19-08-20

Your Ref. No. AA/UNOP/07/JET Dated: 13-08-20

## COMPRESSION TEST REPORT

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

Specimens received on: 13-08-20 Tested on: 17-08-20 in dry/wet condition

| Sr. No. | Mark*       | Casting Date*<br>/Wet Weight<br>(gms) | 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 |
|---------|-------------|---------------------------------------|--------------|----------------------|--------------------------------------|--------------------------------|-----------------------------|---------|
| 1       | Solid Block |                                       | 12x4x7.8     | 13                   | 48                                   | 14                             | 660                         |         |
| 2       | Solid Block |                                       | 12x4x7.9     | 12.4                 | 48                                   | 21.5                           | 1010                        |         |
| 3       | Solid Block |                                       | 12x4x7.8     | 12.4                 | 48                                   | 24.25                          | 1140                        |         |
| 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)

\* as engraved on the specimens (if any)

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\*\*\* 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

10413

To: **Azam Wahab (Construction Manager)**

Dr.Mazhar Saleem

**Akhunzada Associates (Pvt.) Ltd. Peshawar**

**Project: Construction of 1No. of 3 Storey Building in Sheikhpura Punjab Province, Pakistan**

Our Ref. No. CL/CED/ 633 Dated: 19-08-20

Your Ref. No. AA/UNOPS/06/UET Dated: 13-08-20

## COMPRESSION TEST REPORT

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

Specimens received on: 13-08-20 Tested on: 17-08-20 in dry/wet condition

| Sr. No. | Mark*       | Casting Date*<br>/Wet Weight<br>(gms) | 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 |
|---------|-------------|---------------------------------------|--------------|----------------------|--------------------------------------|--------------------------------|-----------------------------|---------|
| 1       | Solid Block |                                       | 11.8x6.5x8   | 22.4                 | 76.7                                 | 39                             | 1140                        |         |
| 2       | Solid Block |                                       | 11.9x6.7x7.9 | 22                   | 79.73                                | 31                             | 880                         |         |
| 3       | Solid Block |                                       | 11.8x6.5x8   | 22                   | 76.7                                 | 29                             | 850                         |         |
| 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)

\* as engraved on the specimens (if any)

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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

10408

Dr. Mazhar Saleem

To: **TSM Design Studio**  
**Gulberg III, Lahore**

**Project: Construction of Gerry's Dnata Cargo Export Building at Allama Iqbal International Airport Lahore**

Our Ref. No. CL/CED/ 634- 1 of 2 Dated: 19-08-20

Your Ref. No. Nil Dated: 06-08-20

## COMPRESSION TEST REPORT

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

Specimens received on: 11-08-20 Tested on: 17-08-20 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       | 3000 Psi | 24                  | 6 | 2020 | 6Diax12      | 13.8                 | 28.28                                | 51                             | 4040                        | Non Engraved |
| 2       | 3000 Psi | 24                  | 6 | 2020 | 6Diax12      | 13.8                 | 28.28                                | 59                             | 4680                        | Non Engraved |
| 3       | 3000 Psi | 24                  | 6 | 2020 | 6Diax12      | 13.8                 | 28.28                                | 55                             | 4360                        | Non Engraved |
| 4       | 3000 Psi | 25                  | 6 | 2020 | 6Diax12      | 13.6                 | 28.28                                | 39                             | 3090                        | Engraved     |
| 5       | 3000 Psi | 25                  | 6 | 2020 | 6Diax12      | 13.2                 | 28.28                                | 49                             | 3890                        | Engraved     |
| 6       | 3000 Psi | 25                  | 6 | 2020 | 6Diax12      | 13.2                 | 28.28                                | 45                             | 3570                        | Engraved     |
| 7       | 3000 Psi | 27                  | 6 | 2020 | 6Diax12      | 13.6                 | 28.28                                | 49                             | 3890                        | Engraved     |
| 8       | 3000 Psi | 27                  | 6 | 2020 | 6Diax12      | 13.6                 | 28.28                                | 45                             | 3570                        | Engraved     |
| 9       | 3000 Psi | 27                  | 6 | 2020 | 6Diax12      | 13.6                 | 28.28                                | 43                             | 3410                        | Engraved     |
| 10      | 3000 Psi | 29                  | 6 | 2020 | 6Diax12      | 14                   | 28.28                                | 53                             | 4200                        | Non Engraved |
| 11      | 3000 Psi | 29                  | 6 | 2020 | 6Diax12      | 13.8                 | 28.28                                | 59                             | 4680                        | Non Engraved |
| 12      | 3000 Psi | 29                  | 6 | 2020 | 6Diax12      | 13.8                 | 28.28                                | 55                             | 4360                        | Non Engraved |
| 13      | 3000 Psi | 2                   | 7 | 2020 | 6Diax12      | 14                   | 28.28                                | 55                             | 4360                        | Non Engraved |
| 14      | 3000 Psi | 2                   | 7 | 2020 | 6Diax12      | 14                   | 28.28                                | 51                             | 4040                        | Non Engraved |
| 15      | 3000 Psi | 2                   | 7 | 2020 | 6Diax12      | 14                   | 28.28                                | 63                             | 4990                        | Non Engraved |
| 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" 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

10408

Dr. Mazhar Saleem

To: **TSM Design Studio**  
**Gulberg III, Lahore**

**Project: Construction of Gerry's Dnata Cargo Export Building at Allama Iqbal International Airport Lahore**

Our Ref. No. CL/CED/ 634- 2 of 2 Dated: 19-08-20

Your Ref. No. Nil Dated: 06-08-20

## COMPRESSION TEST REPORT

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

Specimens received on: 11-08-20 Tested on: 17-08-20 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) |   |      |              |                      |                                  |                                |                             |              |
| 16      | 3000 Psi | 12                  | 7 | 2020 | 6Diax12      | 14                   | 28.28                            | 51                             | 4040                        | Non Engraved |
| 17      | 3000 Psi | 12                  | 7 | 2020 | 6Diax12      | 13.4                 | 28.28                            | 37                             | 2940                        | Non Engraved |
| 18      | 3000 Psi | 12                  | 7 | 2020 | 6Diax12      | 13.6                 | 28.28                            | 53                             | 4200                        | Non Engraved |
| 19      | 3000 Psi | 13                  | 7 | 2020 | 6Diax12      | 13.4                 | 28.28                            | 59                             | 4680                        | Non Engraved |
| 20      | 3000 Psi | 13                  | 7 | 2020 | 6Diax12      | 13.2                 | 28.28                            | 59                             | 4680                        | Non Engraved |
| 21      | 3000 Psi | 13                  | 7 | 2020 | 6Diax12      | 13.4                 | 28.28                            | 59                             | 4680                        | 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)

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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

10420  
Dr. Aqsa

**To: Muhammad Tahir Yaseen**  
**Elco Enterprises, Lahore**  
**Project: Construction of Allied Bank Limited Shah Rukn-E-Alam Branch, Multan (0249) (Cash Vault and locker Room RCC Wall)**

Our Ref. No. CL/CED/ 636 Dated: 19-08-20  
Your Ref. No. Nil Dated: 17-08-20

## COMPRESSION TEST REPORT

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

Specimens received on: 17-08-20 Tested on: 18-08-20 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      |
|---------|----------|---------------|-----|------|--------------|----------------------|--------------------------------------|--------------------------------|-----------------------------|--------------|
|         |          | Month         | Day | Year |              |                      |                                      |                                |                             |              |
| 1       | 3000 Psi | 18            | 7   | 2020 | 6Diax12      | 14                   | 28.28                                | 57                             | 4520                        | Non Engraved |
| 2       | 3000 Psi | 18            | 7   | 2020 | 6Diax12      | 13.4                 | 28.28                                | 57                             | 4520                        | Non Engraved |
| 3       | 3000 Psi | 18            | 7   | 2020 | 6Diax12      | 14                   | 28.28                                | 66                             | 5230                        | 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/department?RID=testing\\_reports&id=6](http://www.uet.edu.pk/faculties/facultiesinfo/department?RID=testing_reports&id=6)

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**supervisor(lab)**

**Director/Dy. Director Concrete Laboratory**