



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

10635
Dr. Aqsa

To: Rana Associates
New Garden Town, Lahore
Project: Nil

Our Ref. No. CL/CED/ 939 Dated: 08-10-20
Your Ref. No. Nil Dated: 02-10-20

COMPRESSION TEST REPORT

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

Specimens received on: 02-10-20 Tested on: 08-10-20 in dry/wet condition

| Sr. No. | Mark* | Casting Date* /Wet Weight (gms) | Size (in) | Weight (lbs./gms) | Area of X- Section (Sq. in) | Ultimate load (Tons/lbs) | Ultimate Stress (Psi) | Remarks |
|---------|------------------|---------------------------------------|--------------|----------------------|--------------------------------------|--------------------------------|-----------------------------|---------|
| 1 | Rectangular Grey | | 7.8x3.9x2.3 | 2615 | 30.42 | 39 | 2880 | |
| 2 | Rectangular Grey | | 7.8x3.9x2.3 | 2626 | 30.42 | 43 | 3170 | |
| 3 | Rectangular Grey | | 7.8x3.9x2.3 | 2607 | 30.42 | 57 | 4200 | |
| 4 | Rectangular Red | | 7.8x3.9x2.3 | 2590 | 30.42 | 31 | 2290 | |
| 5 | Rectangular Red | | 7.8x3.9x2.3 | 2665 | 30.42 | 36 | 2660 | |
| 6 | Rectangular Red | | 7.8x3.9x2.3 | 2643 | 30.42 | 33 | 2430 | |
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Results can also be seen on website 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

10636
Engr. Ubaid

To: **Nabeel**
Al-Hayat Residencia, Lahore
Project: 3000 Psi

Our Ref. No. CL/CED/ 940 Dated: 08-10-20

Your Ref. No. Nil Dated: 05-10-20

COMPRESSION TEST REPORT

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

Specimens received on: 05-10-20 Tested on: 07-10-20 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 | | 26 | 9 | 2020 | 6Diax12 | 14 | 28.28 | 34 | 2700 | Engraved |
| 2 | | 26 | 9 | 2020 | 6Diax12 | 13.4 | 28.28 | 41 | 3250 | Non Engraved |
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Department of Civil Engineering
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Phone Nos. 042-99029202, 042-99029217

10639

Engr. Ubaid

To: **Muhammad Tahir Yaseen**

Elco Enterprises, Lahore

Project: Construction of Allied Bank Limited Shah Rukn-E-Alam Branch Multan (0249), (RCC Column Plinth Beam to Mezzanine Floor)

Our Ref. No. CL/CED/ 941 Dated: 08-10-20

Your Ref. No. Nil Dated: 05-10-20

COMPRESSION TEST REPORT

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

Specimens received on: 05-10-20 Tested on: 07-10-20 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 | 3500 Psi | 7 | 9 | 2020 | 6Diax12 | 13.8 | 28.28 | 58 | 4600 | Non Engraved |
| 2 | 3500 Psi | 7 | 9 | 2020 | 6Diax12 | 14 | 28.28 | 50 | 3960 | Non Engraved |
| 3 | 3500 Psi | 7 | 9 | 2020 | 6Diax12 | 13.6 | 28.28 | 55 | 4360 | Non Engraved |
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10641
Dr. Aqsa

To: **M. Shahbaz Iqbal**
BPS (Pvt.) Ltd. Lahore
Project: Alpha Homes (Apartments)

Our Ref. No. CL/CED/ 942 Dated: 08-10-20
Your Ref. No. Nil Dated: 05-10-20

COMPRESSION TEST REPORT

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

Specimens received on: 05-10-20 Tested on: 08-10-20 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 | 25 | 8 | 2020 | 6Diax12 | 14 | 28.28 | 53 | 4200 | Non Engraved |
| 2 | Lift | 25 | 8 | 2020 | 6Diax12 | 14 | 28.28 | 56 | 4440 | Non Engraved |
| 3 | Lift | 25 | 8 | 2020 | 6Diax12 | 14.2 | 28.28 | 56 | 4440 | Non Engraved |
| 4 | Raft (A/D 31 to 41) | 27 | 8 | 2020 | 6Diax12 | 14 | 28.28 | 55 | 4360 | Non Engraved |
| 5 | Raft (A/D 31 to 41) | 27 | 8 | 2020 | 6Diax12 | 14.4 | 28.28 | 55 | 4360 | Non Engraved |
| 6 | Raft (A/D 31 to 41) | 27 | 8 | 2020 | 6Diax12 | 14 | 28.28 | 53 | 4200 | Non Engraved |
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Results can also be seen on website http://www.uet.edu.pk/faculties/facultiesinfo/departement?RID=testing_reports&id=6

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supervisor(lab)

Director/Dy. Director Concrete Laboratory



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10642
Dr. Aqsa

To: Rizwan Ullah (Superintendent Rangers)
Pakistan Rangers (Punjab)
Project: Headquarters Pakistan Rangers (Punjab), Ghazi Road, Lahore 33

Our Ref. No. CL/CED/ 943 Dated: 08-10-20

Your Ref. No. 2231/Works/1079 Dated: 11-09-20

COMPRESSION TEST REPORT

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

Specimens received on: 06-10-20 Tested on: 08-10-20 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 | Raft Foundation | 2 | 9 | 2020 | 6Diax12 | 14.2 | 28.28 | 36 | 2860 | Non Engraved |
| 2 | Raft Foundation | 2 | 9 | 2020 | 6Diax12 | 14 | 28.28 | 46 | 3650 | Non Engraved |
| 3 | Raft Foundation | 2 | 9 | 2020 | 6Diax12 | 14.2 | 28.28 | 32 | 2540 | Non Engraved |
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10645
Dr. Aqsa

To: Flight Lieutenant Muhammad Faheem Haider (Assistant Director)
Fazaia Housing Scheme Sharif City Road, Lahore
Project: Central Mosque at Fazaia Housing Scheme (Phase-II) Lahore

Our Ref. No. CL/CED/ 944 Dated: 08-10-20

Your Ref. No. FHSL-II/5811/1/Org(CA-12) Dated: 04-10-20

COMPRESSION TEST REPORT

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

Specimens received on: 06-10-20 Tested on: 08-10-20 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 | Class A | 18 | 6 | 2020 | 6Diax12 | 13.2 | 28.28 | 51 | 4040 | Engraved |
| 2 | Class A | 18 | 6 | 2020 | 6Diax12 | 13.2 | 28.28 | 61 | 4840 | Engraved |
| 3 | Class B | 23 | 7 | 2020 | 6Diax12 | 13 | 28.28 | 29 | 2300 | Engraved |
| 4 | Class B | 23 | 7 | 2020 | 6Diax12 | 13 | 28.28 | 35 | 2780 | Engraved |
| 5 | Class B | 7 | 8 | 2020 | 6Diax12 | 12 | 28.28 | 23 | 1830 | Engraved |
| 6 | Class B | 7 | 8 | 2020 | 6Diax12 | 13 | 28.28 | 23 | 1830 | Engraved |
| 7 | Class B | 21 | 6 | 2020 | 6Diax12 | 13 | 28.28 | 37 | 2940 | Engraved |
| 8 | Class B | 21 | 6 | 2020 | 6Diax12 | 13.2 | 28.28 | 32 | 2540 | Engraved |
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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

10648
Dr. Aqsa

To: **Engr. Riaz Ahmad (Project Director)**
Pakistan Engineering Council, Lahore
Project: Construction of Multistorey Building for PEC Regional Office, Lahore

Our Ref. No. CL/CED/ 945 Dated: 08-10-20

Your Ref. No. PEC/LHR/NLC- TD/Conc_Test/2020/96T Dated: 06-10-20

COMPRESSION TEST REPORT

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

Specimens received on: 06-10-20 Tested on: 08-10-20 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 | | 28 | 9 | 2020 | 6Diax12 | 14 | 28.28 | 59 | 4680 | Engraved |
| 2 | | 28 | 9 | 2020 | 6Diax12 | 14.4 | 28.28 | 60 | 4760 | Engraved |
| 3 | | 28 | 9 | 2020 | 6Diax12 | 14 | 28.28 | 61 | 4840 | Engraved |
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Department of Civil Engineering
University of Engineering and Technology, Lahore
Phone Nos. 042-99029202, 042-99029217

10648

Dr. Aqsa

To: Engr. Riaz Ahmad (Project Director)
Pakistan Engineering Council, Lahore
Project: Construction of Multistorey Building for PEC Regional Office, Lahore

Our Ref. No. CL/CED/ 946 Dated: 08-10-20

Your Ref. No. PEC/LHR/NLC- TD/Conc_Test/2020/96S Dated: 06-10-20

COMPRESSION TEST REPORT

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

Specimens received on: 06-10-20 Tested on: 08-10-20 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 | | 30 | 9 | 2020 | 6Diax12 | 14 | 28.28 | 51 | 4040 | Non Engraved |
| 2 | | 30 | 9 | 2020 | 6Diax12 | 14 | 28.28 | 62 | 4920 | Non Engraved |
| 3 | | 30 | 9 | 2020 | 6Diax12 | 14.2 | 28.28 | 53 | 4200 | Non Engraved |
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supervisor(lab)

Director/Dy. Director Concrete Laboratory



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University of Engineering and Technology, Lahore
Phone Nos. 042-99029202, 042-99029217

10650

To: **Sub Divisional Officer**

Dr. Usman Akmal

The Punjab Employees Social Security Institution, Lahore

Project: Construction of Junk Store at 3rd Floor, S/F of Grab in Circulation Area at 2nd Floor SSH, Shahdara

Our Ref. No. CL/CED/

947

Dated:

08-10-20

Your Ref. No.

SS.DC(210)713

Dated:

05-10-20

COMPRESSION TEST REPORT

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

Specimens received on: 07-10-20 Tested on: 07-10-20 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 | | 27 | 9 | 2020 | 6x6x6 | 8.6 | 36 | 63 | 3920 | Engraved |
| 2 | | 27 | 9 | 2020 | 6x6x6 | 8.4 | 36 | 63 | 3920 | Engraved |
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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

10654

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

Dr. Usman Akmal

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 of 2020-21)

Our Ref. No. CL/CED/ 948 Dated: 08-10-20

Your Ref. No. 2837 Dated: 02-10-20

COMPRESSION TEST REPORT

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

Specimens received on: 07-10-20 Tested on: 08-10-20 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 |
|---------|---|---------------|----|------|--------------|----------------------|----------------------------------|--------------------------------|-----------------------------|----------|
| | | Mo | Da | Yr | | | | | | |
| 1 | Block-A 1 st Floor Column | 9 | 9 | 2020 | 6x6x6 | 9 | 36 | 92 | 5730 | Engraved |
| 2 | Block-A 1 st Floor Column | 9 | 9 | 2020 | 6x6x6 | 9 | 36 | 112 | 6970 | Engraved |
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| 15 | | | | | | | | | | |
| 16 | | | | | | | | | | |

Results can also be seen on website http://www.uet.edu.pk/faculties/facultiesinfo/departement?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

10654

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

Dr. Usman Akmal

Our Ref. No. CL/CED/ 949 Dated: 08-10-20

Your Ref. No. 2835 Dated: 01-10-20

COMPRESSION TEST REPORT

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

Specimens received on: 07-10-20 Tested on: 08-10-20 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 | 7 | 9 | 2020 | 6x6x6 | 9 | 36 | 110 | 6850 | Engraved |
| 2 | Beam | 7 | 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/departments/testing_reports?id=6

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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

10654

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

Dr. Usman Akmal

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 of 2020-21)

Our Ref. No. CL/CED/ 950 Dated: 08-10-20

Your Ref. No. 2833 Dated: 01-10-20

COMPRESSION TEST REPORT

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

Specimens received on: 07-10-20 Tested on: 08-10-20 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 Ground Floor Column | 2 | 9 | 2020 | 6x6x6 | 9 | 36 | 108 | 6720 | Engraved |
| 2 | Block-A Ground Floor Column | 2 | 9 | 2020 | 6x6x6 | 9 | 36 | 112 | 6970 | Engraved |
| 3 | | | | | | | | | | |
| 4 | | | | | | | | | | |
| 5 | | | | | | | | | | |
| 6 | | | | | | | | | | |
| 7 | | | | | | | | | | |
| 8 | | | | | | | | | | |
| 9 | | | | | | | | | | |
| 10 | | | | | | | | | | |
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| 13 | | | | | | | | | | |
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| 16 | | | | | | | | | | |

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