



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

1964

Dr. Aqsa

To: Mr. Khalid Bashir
Ittefaq Building Solutions Pvt. Ltd
Project: Diamond Denim By Sapphire, Ferozwatwan

Our Ref. No. CL/CED/ 6042 Dated: 10/12/2021

Your Ref. No. IBS/SD/CT03 Dated: 9/24/2021

COMPRESSION TEST REPORT

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

Specimens received on: 9/24/2021 Tested on: 10/5/2021 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 | Footing | 18 | 9 | 2021 | 6Diax12 | 13.8 | 28.28 | 41 | 3250 | Non Engraved |
| 2 | Footing | 18 | 9 | 2021 | 6Diax12 | 13.6 | 28.28 | 43 | 3410 | Non Engraved |
| 3 | Footing | 18 | 9 | 201 | 6Diax12 | 14 | 28.28 | 41 | 3250 | Non Engraved |
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Results can also be seen on website 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" 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

1964
Dr. Aqsa

To: Mr. Khalid Bashir
Ittefaq Building Solutions Pvt. Ltd
Project: Diamond Denim By Sapphire, Ferozwatwan

Our Ref. No. CL/CED/ 6043 Dated: 10/12/2021

Your Ref. No. IBS/SD/CT02 Dated: 9/24/2021

COMPRESSION TEST REPORT

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

Specimens received on: 9/24/2021 Tested on: 10/5/2021 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 | Lab 07 Footing | 17 | 9 | 2021 | 6Diax12 | 13.2 | 28.28 | 32 | 2540 | Non Engraved |
| 2 | Lab 07 Footing | 17 | 9 | 2021 | 6Diax12 | 13.2 | 28.28 | 36 | 2860 | Non Engraved |
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Department of Civil Engineering
University of Engineering and Technology, Lahore
Phone Nos. 042-99029202, 042-99029217

1964
Dr. Aqsa

To: Mr. Khalid Bashir
Ittefaq Building Solutions Pvt. Ltd
Project: Diamond Denim By Sapphire, Ferozwatwan

Our Ref. No. CL/CED/ 6044 Dated: 10/12/2021

Your Ref. No. IBS/SD/CT01 Dated: 9/24/2021

COMPRESSION TEST REPORT

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

Specimens received on: 9/24/2021 Tested on: 10/5/2021 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 | Lab 07 Social | 17 | 9 | 2021 | 6Diax12 | 13.4 | 28.28 | 30 | 2380 | Non Engraved |
| 2 | Lab 07 Social | 17 | 9 | 2021 | 6Diax12 | 13.2 | 28.28 | 32 | 2540 | Non 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

2020
Dr. Yousaf

To: Mr. Azhar Waqas
Design Age Architects Engineers Consultants & Contractors
Project: Nil

Our Ref. No. CL/CED/ 6045 Dated: 10/12/2021

Your Ref. No. Nil Dated: Nil

COMPRESSION TEST REPORT

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

Specimens received on: 10/4/2021 Tested on: 10/5/2021 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 | Cut Cube | | 2x2x2 | 470 | 4 | 15.5 | 8680 | |
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Plain and Reinforced Concrete Laboratory
Department of Civil Engineering
University of Engineering and Technology, Lahore
Phone Nos. 042-99029202, 042-99029217

1908
Dr. Yousaf

To: Mr. Hassan Niazi
WWF - Pakistan
Project: Community Water Stewardship Initiatives

Our Ref. No. CL/CED/ 6046 Dated: 10/12/2021

Your Ref. No. Nil Dated: 9/3/2021

COMPRESSION TEST REPORT

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

Specimens received on: 9/15/2021 Tested on: 10/5/2021 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 | 9 | 21 | | | | | | |
| 1 | Cut Cube | 1 | 9 | 21 | 4x4x4 | 2.345 | 16 | 17 | 2380 | Non Engraved |
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| 3 | | | | | | | | | | |
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Department of Civil Engineering
University of Engineering and Technology, Lahore
Phone Nos. 042-99029202, 042-99029217

1994
Dr.Aqsa

To: Sub Divisional Officer
The Punjab Employees Social Security Institution
Project: Construction of PPFT Building Defence Road Lahore

Our Ref. No. CL/CED/ 6047 Dated: 10/12/2021
Your Ref. No. SS.DC(340)/21/234 Dated: 9/27/2021

COMPRESSION TEST REPORT

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

Specimens received on: 9/29/2021 Tested on: 10/5/2021 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 | Nil | 27 | 8 | 21 | 6x6x6 | 8.4 | 36 | 93 | 5790 | Engraved |
| 2 | Nil | 27 | 8 | 21 | 6x6x6 | 8.4 | 36 | 91 | 5670 | Engraved |
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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

1997
Engr. Ubaid
A Mughal

To: Mr. Arfan Nazir
Nishat Mills Limited Lahore (Guarantee Engineer's)
Project: Nishat Apparel Unit 2 Extension Building

Our Ref. No. CL/CED/ 6048 Dated: 10/12/2021

Your Ref. No. NAL/CT/005 Dated: 9/9/2021

COMPRESSION TEST REPORT

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

Specimens received on: 9/29/2021 Tested on: 9/30/2021 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 | 3000 PSI | 28 | 8 | 21 | 6x6x6 | 8.4 | 36 | 73 | 4550 | Non Engraved |
| 2 | 3000 PSI | 28 | 8 | 21 | 6x6x6 | 8.4 | 36 | 79 | 4920 | Non 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

1980
Dr. Mazhar
Saleem

To: Mr. Arfan Nazir
Nishat Mills Limited Lahore (Ittefaq Building Solution)
Project: Construction of Stitching Unit 31 Extension

Our Ref. No. CL/CED/ 6049 Dated: 10/12/2021

Your Ref. No. Nil Dated: 9/28/2021

COMPRESSION TEST REPORT

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

Specimens received on: 9/28/2021 Tested on: 9/29/2021 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 | 2nd Floor Slab | 20 | 9 | 21 | 6x6x6 | 9 | 36 | 70 | 4360 | Engraved |
| 2 | 2nd Floor Slab | 20 | 9 | 21 | 6x6x6 | 8.8 | 36 | 65 | 4050 | Engraved |
| 3 | 2nd Floor Slab | 20 | 9 | 21 | 6x6x6 | 8.6 | 36 | 61 | 3800 | 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

1980
Dr. Mazhar
Saleem

To: **Mr. Arfan Nazir**
Nishat Mills Limited Lahore (Ittefaq Building Solution)
Project: Construction of Stitching Unit 31 Extension

Our Ref. No. CL/CED/ 6050 Dated: 10/12/2021

Your Ref. No. Nil Dated: 9/28/2021

COMPRESSION TEST REPORT

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

Specimens received on: 9/28/2021 Tested on: 9/29/2021 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 | 1st Floor Slab | 27 | 8 | 21 | 6x6x6 | 8.6 | 36 | 47 | 2930 | Engraved |
| 2 | 1st Floor Slab | 27 | 8 | 21 | 6x6x6 | 8.8 | 36 | 55 | 3430 | Engraved |
| 3 | 1st Floor Slab | 27 | 8 | 21 | 6x6x6 | 8.8 | 36 | 37 | 2310 | Engraved |
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Department of Civil Engineering
University of Engineering and Technology, Lahore
Phone Nos. 042-99029202, 042-99029217

2002
Engr. Ubaid
A Mughal

To: **Mr. Muhammad Khalid Zaman**
Engineering Consultancy Services Punjab (PVT.) Ltd.
Project: Surface Water Treatment Plant at Rural Area Okara, Sahiwal

Our Ref. No. CL/CED/ 6051 Dated: 10/12/2021

Your Ref. No. ECSP/PAPA/CZ-RN-11 Dated: 9/30/2021

COMPRESSION TEST REPORT

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

Specimens received on: 9/30/2021 Tested on: 10/6/2021 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 | Chak 25/1AL | 27 | 8 | 21 | 6Diax12 | 13.6 | 28.28 | 60 | 4760 | Non Engraved |
| 2 | Chak 25/1AL | 27 | 8 | 21 | 6Diax12 | 13.6 | 28.28 | 69 | 5470 | Non 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

2017
Dr.
Mazhar
Saleem

To: Mr. Arsalan Anjum

Project Management Unit (PMU) Govt of Punjab

Project: Provision of Indoor Gym Facilities at Tehsil Chichawatni District Sahiwal

Our Ref. No. CL/CED/

6052

Dated:

10/12/2021

Your Ref. No.

APD/PMU/SBP/SWL/2021/218

Dated:

9/10/2021

COMPRESSION TEST REPORT

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

Specimens received on:

10/1/2021

Tested on:

10/6/2021

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 | Footing | 13 | 8 | 21 | 6x6x6 | 8.6 | 36 | 63 | 3920 | Non Engraved |
| 2 | Footing | 13 | 8 | 21 | 6x6x6 | 8.8 | 36 | 59 | 3680 | Non Engraved |
| 3 | | | | | | | | | | |
| 4 | | | | | | | | | | |
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| 14 | | | | | | | | | | |
| 15 | | | | | | | | | | |
| 16 | | | | | | | | | | |

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

2017
Dr.
Mazhar
Saleem

To: Mr. Arsalan Anjum

Project Management Unit (PMU) Govt of Punjab

Project: Provision of Indoor Gym Facilities at Tehsil Chichawatni District Sahiwal

Our Ref. No. CL/CED/

6053

Dated:

10/12/2021

Your Ref. No.

APD/PMU/SBP/SWL/2021/225

Dated:

9/24/2021

COMPRESSION TEST REPORT

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

Specimens received on:

10/1/2021

Tested on:

10/6/2021

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 | Column | 26 | 8 | 21 | 6x6x6 | 8.6 | 36 | 81 | 5040 | Non Engraved |
| 2 | Column | 26 | 8 | 21 | 6x6x6 | 8.8 | 36 | 79 | 4920 | Non Engraved |
| 3 | | | | | | | | | | |
| 4 | | | | | | | | | | |
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| 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

1952
Dr. M.
Yousaf

To: Executive Engineer (B&W) UVAS, Lahore

Building and Works Department (University of Veterinary & Animal Sciences Lahore)

Project: Residence for (Grade 1-10) B Block at Ahata Quarters City Campus, UVAS, Lahore (M/S Junaid & B

Our Ref. No. CL/CED/

6054

Dated:

10/12/2021

Your Ref. No.

E.E 642

Dated:

4/29/2021

COMPRESSION TEST REPORT

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

Specimens received on: 9/22/2021 Tested on: 10/5/2021 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 | 41 | | 9.0x4.2x3.0 | 3502 | 37.8 | 70 | 4150 | |
| 2 | 41 | | 9.0x4.2x2.9 | 3525 | 37.8 | 68 | 4030 | |
| 3 | 41 | | 8.9x4.2x3.0 | 3515 | 37.38 | 50 | 3000 | |
| 4 | | | | | | | | |
| 5 | | | | | | | | |
| 6 | | | | | | | | |
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| 13 | | | | | | | | |
| 14 | | | | | | | | |
| 15 | | | | | | | | |
| 16 | | | | | | | | |

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)

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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

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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

2030
Dr. Mazhar
Saleem

To: **Sub Divisional Officer, (Buildings)**

Sub division Ferozewala

Project: Construction of Judicial Academy at Lahore Kala Shah Kaku, Lahore (ADP No. 3271/2020-21) Phase

Academic Block-II

Our Ref. No. CL/CED/

6055

Dated:

10/12/2021

Your Ref. No.

1243/F

Dated:

9/20/2021

COMPRESSION TEST REPORT

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

Specimens received
on:

10/5/2021

Tested on:

10/6/2021

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 | Roof Slab (L) | 23 | 8 | 21 | 6x6x6 | 9 | 36 | 92 | 5730 | Non Engraved |
| 2 | Roof Slab (L) | 23 | 8 | 21 | 6x6x6 | 8.8 | 36 | 73 | 4550 | Non Engraved |
| 3 | Roof Slab (L) | 23 | 8 | 21 | 6x6x6 | 9 | 36 | 63 | 3920 | Non Engraved |
| 4 | | | | | | | | | | |
| 5 | | | | | | | | | | |
| 6 | | | | | | | | | | |
| 7 | | | | | | | | | | |
| 8 | | | | | | | | | | |
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| 10 | | | | | | | | | | |
| 11 | | | | | | | | | | |
| 12 | | | | | | | | | | |
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| 14 | | | | | | | | | | |
| 15 | | | | | | | | | | |
| 16 | | | | | | | | | | |

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

2030
Dr. Mazhar
Saleem

To: **Sub Divisional Officer, (Buildings)**

Sub division Ferozewala

Project: Construction of Judicial Academy at Lahore Kala Shah Kaku, Lahore (ADP No. 3271/2020-21) Phase

Academic Block-II

Our Ref. No. CL/CED/

6056

Dated:

10/12/2021

Your Ref. No.

1178/F

Dated:

8/9/2021

COMPRESSION TEST REPORT

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

Specimens received on: 10/5/2021 Tested on: 10/6/2021 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 | F.F Slab (R) | 10 | 7 | 21 | 6x6x6 | 8.4 | 36 | 55 | 3430 | Non Engraved |
| 2 | F.F Slab (R) | 10 | 7 | 21 | 6x6x6 | 8.4 | 36 | 108 | 6720 | Non Engraved |
| 3 | F.F Slab (R) | 10 | 7 | 21 | 6x6x6 | 8.8 | 36 | 108 | 6720 | Non Engraved |
| 4 | | | | | | | | | | |
| 5 | | | | | | | | | | |
| 6 | | | | | | | | | | |
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| 16 | | | | | | | | | | |

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)

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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

2030
Dr.
Mazhar
Saleem

To: Sub Divisional Officer, (Buildings)

Sub division Ferozewala

Project: Construction of Judicial Academy at Lahore Kala Shah Kaku, Lahore (ADP No. 3271/2020-21) Phase
Academic Block-II

Our Ref. No. CL/CED/

6057

Dated:

10/12/2021

Your Ref. No.

1179/F

Dated:

09/8/2021

COMPRESSION TEST REPORT

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

Specimens received on:

10/5/2021

Tested on:

10/6/2021

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 | 2nd Floor Columns | 12 | 7 | 21 | 6x6x6 | 9 | 36 | 83 | 5170 | Non Engraved |
| 2 | 2nd Floor Columns | 12 | 7 | 21 | 6x6x6 | 8.8 | 36 | 81 | 5040 | Non Engraved |
| 3 | 2nd Floor Columns | 12 | 7 | 21 | 6x6x6 | 8.8 | 36 | 83 | 5170 | Non Engraved |
| 4 | | | | | | | | | | |
| 5 | | | | | | | | | | |
| 6 | | | | | | | | | | |
| 7 | | | | | | | | | | |
| 8 | | | | | | | | | | |
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| 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

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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

2033

Dr.

Mazhar

Saleem

To: Engr. Tajammal Farooq Resident Engineer (AZEA) QABP-Sheikhupura

AZ Engineering Associates

Project: Construction of Multi purpose complex, Building (Phase 1) at Quaid-e-Azam Business Park on M-2 Sheikhupura

Our Ref. No. CL/CED/

6058

Dated:

10/12/2021

Your Ref. No.

RE/AZEA/MPC-103

Dated:

9/30/2021

COMPRESSION TEST REPORT

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

Specimens received on:

10/5/2021

Tested on:

10/6/2021

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 | Raft Panel (21A~30) | 1 | 9 | 21 | 6diax12 | 14.4 | 28.28 | 55 | 4360 | Non Engraved |
| 2 | Raft Panel (21A~30) | 1 | 9 | 21 | 6diax12 | 14 | 28.28 | 75 | 5950 | Non Engraved |
| 3 | Raft Panel (21A~30) | 1 | 9 | 21 | 6diax12 | 14 | 28.28 | 51 | 4040 | Non Engraved |
| 4 | Columns of Panel # 02, 03 | 2 | 9 | 21 | 6diax12 | 14 | 28.28 | 92 | 7290 | Non Engraved |
| 5 | Columns of Panel # 02, 03 | 2 | 9 | 21 | 6diax12 | 14 | 28.28 | 88 | 6970 | Non Engraved |
| 6 | Columns of Panel # 02, 03 | 2 | 9 | 21 | 6diax12 | 14 | 28.28 | 90 | 7130 | Non Engraved |
| 7 | | | | | | | | | | |
| 8 | | | | | | | | | | |
| 9 | | | | | | | | | | |
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| 16 | | | | | | | | | | |

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

2015
Engr.
Ubaid A
Mughal

To: Sh. Muhammad Tariq, Project Manager Alpha Home Apartment (Block-C) Lahore
Republic Engineering Corporation (PVT) LTD.

Project: Construction of Alpha Home Apartments (Block-c) Beacon House Estate at Jati Umra Road Off Rai

Our Ref. No. CL/CED/

6059

Dated:

10/12/2021

Your Ref. No.

AHA: 08

Dated:

9/30/2021

COMPRESSION TEST REPORT

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

Specimens received on:

10/1/2021

Tested on:

10/6/2021

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 | Ground Floor Grid 38-44/A-D | 22 | 9 | 21 | 6diax12 | 13.6 | 28.28 | 40 | 3170 | Engraved |
| 2 | Ground Floor Grid 38-44/A-D | 22 | 9 | 21 | 6diax12 | 13.8 | 28.28 | 31 | 2460 | Engraved |
| 3 | Ground Floor Grid 38-44/A-D | 22 | 9 | 21 | 6diax12 | 13.8 | 28.28 | 32 | 2540 | Engraved |
| 4 | | | | | | | | | | |
| 5 | | | | | | | | | | |
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| 12 | | | | | | | | | | |
| 13 | | | | | | | | | | |
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| 15 | | | | | | | | | | |
| 16 | | | | | | | | | | |

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)

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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

2021
Engr.
Ubaid A
Mughal

To: **Mr. Bilal Rehman S/O Fazal Rehman**
H # E-144-A1 Lahore Cantt
Project:

Our Ref. No. CL/CED/ 6060 Dated: 10/12/2021

Your Ref. No. Nil Dated: Nil

COMPRESSION TEST REPORT

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

Specimens received on: 10/4/2021 Tested on: 10/6/2021 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 | Slab | 6 | 9 | 21 | 6diax12 | 13.1 | 28.28 | 43 | 3410 | Non Engraved |
| 2 | Slab | 6 | 9 | 21 | 6diax12 | 13.1 | 28.28 | 42 | 3330 | Non Engraved |
| 3 | Slab | 6 | 9 | 21 | 6diax12 | 13.8 | 28.28 | 55 | 4360 | Non Engraved |
| 4 | | | | | | | | | | |
| 5 | | | | | | | | | | |
| 6 | | | | | | | | | | |
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| 13 | | | | | | | | | | |
| 14 | | | | | | | | | | |
| 15 | | | | | | | | | | |
| 16 | | | | | | | | | | |

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)

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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

2012
Engr.
Ubaid A
Mughal

To: **Site Engineer**
ASTACO Engineers & Contractors
Project: House # 122-A Cavalry Ground Lahore

Our Ref. No. CL/CED/ 6061 Dated: 10/12/2021

Your Ref. No. Nil Dated: 10/1/2021

COMPRESSION TEST REPORT

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

Specimens received on: 10/1/2021 Tested on: 10/6/2021 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 | Nil | 23 | 9 | 21 | 6diax12 | 13.2 | 28.28 | 66 | 5230 | Non Engraved |
| 2 | Nil | 23 | 9 | 21 | 6diax12 | 13.6 | 28.28 | 52 | 4120 | Non Engraved |
| 3 | | | | | | | | | | |
| 4 | | | | | | | | | | |
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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"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

2029
Dr. Aqsa

To: Mr. Sarfraz Rasheed
Ittefaq Building Solutions PVT.LTD.
Project: Fauji Fresh n Freeze - Sahiwal

Our Ref. No. CL/CED/ 6062 Dated: 10/12/2021

Your Ref. No. Nil Dated: 10/2/2021

COMPRESSION TEST REPORT

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

Specimens received on: 10/4/2021 Tested on: 10/5/2021 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 | Boiler Wall Upper Area | 26 | 9 | 21 | 6x6x6 | 9 | 36 | 59 | 3680 | Non Engraved |
| 2 | Boiler Wall Upper Area | 26 | 9 | 21 | 6x6x6 | 9 | 36 | 67 | 4170 | Non Engraved |
| 3 | Boiler Wall Upper Area | 26 | 9 | 21 | 6x6x6 | 8.8 | 36 | 59 | 3680 | Non Engraved |
| 4 | Plinth Beam (E/5-7,E-D/7) | 14 | 9 | 21 | 6x6x6 | 8.6 | 36 | 45 | 2800 | Non Engraved |
| 5 | Plinth Beam (E/5-7,E-D/7) | 14 | 9 | 21 | 6x6x6 | 8 | 36 | 100 | 6230 | Non Engraved |
| 6 | CF-01,F-01 Footing | 14 | 9 | 21 | 6x6x6 | 8.8 | 36 | 56 | 3490 | Non Engraved |
| 7 | CF-01,F-01 Footing | 14 | 9 | 21 | 6x6x6 | 9 | 36 | 90 | 5600 | Non Engraved |
| 8 | Boiler Wall Depressed Area | 4 | 9 | 21 | 6x6x6 | 9 | 36 | 85 | 5290 | Non Engraved |
| 9 | Boiler Wall Depressed Area | 4 | 9 | 21 | 6x6x6 | 9 | 36 | 64 | 3990 | Non Engraved |
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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

1862

Dr. Umbreen

To: M/S CMPak Limited
Zong 4G China Mobile Company
Project: CMPAK New Data Center Quaid-e-Azam Industrial Estate (KLP) Lahore

Our Ref. No. CL/CED/ 6063 Dated: 10/12/2021

Your Ref. No. CMPAK/NDC/Cylinder/01 Dated: 8/31/2021

COMPRESSION TEST REPORT

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

Specimens received on: 9/8/2021 Tested on: 9/16/2021 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 |
|---------|---------|---------------------------------|---|----|-----------|-------------------|----------------------------|--------------------------|-----------------------|--------------|
| | | 3 | 8 | 21 | | | | | | |
| 1 | A-1 Col | 3 | 8 | 21 | 6Diax12 | 14 | 28.28 | 73 | 5790 | Non Engraved |
| 2 | B-1 | 3 | 8 | 21 | 6Diax12 | 14.2 | 28.28 | 73 | 5790 | Non Engraved |
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Results can also be seen on website 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

1862

Dr. Umbreen

To: M/S CMPak Limited
Zong 4G China Mobile Company
Project: CMPAK New Data Center Quaid-e-Azam Industrial Estate (KLP) Lahore

Our Ref. No. CL/CED/ 6064 Dated: 10/12/2021

Your Ref. No. CMPAK/NDC/Cylinder/01 Dated: 9/1/2021

COMPRESSION TEST REPORT

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

Specimens received on: 9/8/2021 Tested on: 9/16/2021 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 |
|---------|-------|---------------------------------------|---|----|--------------|----------------------|----------------------------------|--------------------------------|-----------------------------|--------------|
| | | 4 | 8 | 21 | | | | | | |
| 1 | C-1 | 4 | 8 | 21 | 6Diax12 | 14 | 28.28 | 67 | 5310 | Non Engraved |
| 2 | A-2 | 4 | 8 | 21 | 6Diax12 | 14 | 28.28 | 69 | 5470 | Non Engraved |
| 3 | | | | | | | | | | |
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Results can also be seen on website 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

1862

Dr. Umbreen

To: M/S CMPak Limited
Zong 4G China Mobile Company
Project: CMPAK New Data Center Quaid-e-Azam Industrial Estate (KLP) Lahore

Our Ref. No. CL/CED/ 6065 Dated: 10/12/2021

Your Ref. No. CMPAK/NDC/Cylinder/01 Dated: 9/2/2021

COMPRESSION TEST REPORT

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

Specimens received on: 9/8/2021 Tested on: 9/16/2021 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 |
|---------|-------|---------------------------------------|---|----|--------------|----------------------|----------------------------------|--------------------------------|-----------------------------|--------------|
| | | 5 | 8 | 21 | | | | | | |
| 1 | C-2 | 5 | 8 | 21 | 6Diax12 | 14 | 28.28 | 65 | 5150 | Non Engraved |
| 2 | A-3 | 5 | 8 | 21 | 6Diax12 | 14 | 28.28 | 73 | 5790 | Non Engraved |
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Results can also be seen on website 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



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

1862
Dr.
Umbreen

To: M/S CMPak Limited
Zong 4G China Mobile Company
Project: CMPAK New Data Center Quaid-e-Azam Industrial Estate (KLP) Lahore

Our Ref. No. CL/CED/ 6066 Dated: 10/12/2021

Your Ref. No. CMPAK/NDC/Cylinder/01 Dated: 9/3/2021

COMPRESSION TEST REPORT

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

Specimens received on: 9/8/2021 Tested on: 9/16/2021 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 | Col 1st F to Tie Beam 7 | 6 | 8 | 21 | 6Diax12 | 14 | 28.28 | 65 | 5150 | Non Engraved |
| 2 | Col 1st F to Tie Beam 8 | 6 | 8 | 21 | 6Diax12 | 14 | 28.28 | 55 | 4360 | Non Engraved |
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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

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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

1862

Dr. Umbreen

To: **M/S CMPak Limited**
Zong 4G China Mobile Company
Project: CMPAK New Data Center Quaid-e-Azam Industrial Estate (KLP) Lahore

Our Ref. No. CL/CED/ 6067 Dated: 10/12/2021

Your Ref. No. CMPAK/NDC/Cylinder/01 Dated: 9/4/2021

COMPRESSION TEST REPORT

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

Specimens received on: 9/8/2021 Tested on: 9/16/2021 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 |
|---------|-------|---------------------------------------|---|----|--------------|----------------------|----------------------------------|--------------------------------|-----------------------------|--------------|
| | | 7 | 8 | 21 | | | | | | |
| 1 | B-2 | 7 | 8 | 21 | 6Diax12 | 14 | 28.28 | 55 | 4360 | Non Engraved |
| 2 | C-4 | 7 | 8 | 21 | 6Diax12 | 14 | 28.28 | 73 | 5790 | Non Engraved |
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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

1862
Dr. Umbreen

To: M/S CMPak Limited
Zong 4G China Mobile Company
Project: CMPAK New Data Center Quaid-e-Azam Industrial Estate (KLP) Lahore

Our Ref. No. CL/CED/ 6068 Dated: 10/12/2021

Your Ref. No. CMPAK/NDC/Cylinder/01 Dated: 9/7/2021

COMPRESSION TEST REPORT

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

Specimens received on: 9/8/2021 Tested on: 9/16/2021 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 | GF PB 9 | 10 | 8 | 21 | 6Diax12 | 14 | 28.28 | 45 | 3570 | Non Engraved |
| 2 | GF PB 10 | 10 | 8 | 21 | 6Diax12 | 13 | 28.28 | 31 | 2460 | Non Engraved |
| 3 | | | | | | | | | | |
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Results can also be seen on website http://www.uet.edu.pk/faculties/facultiesinfo/departments?RID=testing_reports&id=6

* as engraved on the specimens (if any)

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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

