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

1322

To: **Engr.M. Salman (Asst. Resident Engineer)** Dr. M. Yousaf
M/s AR Engineers (Pvt.) Ltd. Lahore.
Project: Construction of Jewel-1Apartment Plaza at Gulberg-3 Lahore.

Our Ref. No. CL/CED/ 4039 Dated: 21-06-21

Your Ref. No. DOC#ARTS-0012 Dated: 02-06-21

COMPRESSION TEST REPORT

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

Specimens received on: 02-06-21 Tested on: 18-06-2021 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	BS-1	14	3	2021	6Diax12	14.4	28.28	49	3890	Engraved
2	BS-2	14	3	2021	6Diax12	14.2	28.28	53	4200	Engraved
3	BS-3	14	3	2021	6Diax12	14.4	28.28	50	3960	Engraved
4	GFC-1	3	5	2021	6Diax12	15	28.28	65	5150	Engraved
5	GFC-2	3	5	2021	6Diax12	14.1	28.28	65	5150	Engraved
6	GFC-3	3	5	2021	6Diax12	14.6	28.28	84	6660	Engraved
7	GFC-4	6	5	2021	6Diax12	15	28.28	84	6660	Engraved
8	GFC-5	6	5	2021	6Diax12	14.6	28.28	76	6020	Engraved
9	GFC-6	6	5	2021	6Diax12	14.6	28.28	65	5150	Engraved
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

* 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 comprerssive 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

1395

To: **Mr. Mustehson Ali Khan (Site Engineer)** Dr. M.Yousaf
M/s Flag Square Builders (Pvt.) Ltd. Raiwind.
Project: Construction of Palace Mall

Our Ref. No. CL/CED/ 4040 Dated: 21-06-21

Your Ref. No. PM/11 Dated: 14-06-21

COMPRESSION TEST REPORT

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

Specimens received on: 14-06-21 Tested on: 18-06-2021 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	Column 2nd Floor(4500) Psi	8	6	2021	6Diax12	13.2	28.28	36	2860	Non Engraved
2	Column 2nd Floor(4500) Psi	8	6	2021	6Diax12	13	28.28	35	2780	Non Engraved
3	1st Floor Slab Phase 3 (3000)Psi	1	6	2021	6Diax12	13.2	28.28	68	5390	Non Engraved
4	1st Floor Slab Phase 3 (3000)Psi	1	6	2021	6Diax12	13	28.28	38	3010	Non Engraved
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

1331

To: **Project Manager** Dr. M. Yousaf
M/s Q-Link Property Management (Pvt.) Ltd. Lahore.
Project: Construction of Broadway Heights-3, Bahria Orchard, Lahore.

Our Ref. No. CL/CED/ 4041 Dated: 21-06-21

Your Ref. No. QLC-BO-BH2-2021-045 Dated: 03-06-21

COMPRESSION TEST REPORT

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

Specimens received on: 03-06-21 Tested on: 18-06-2021 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 Over 1st Floor(3000) Psi	6	5	2021	6Diax12	13.8	28.28	41	3250	Non Engraved
2	Slab Over 1st Floor(3000) Psi	6	5	2021	6Diax12	13.4	28.28	45	3570	Non Engraved
3	Slab Over 1st Floor(3000) Psi	6	5	2021	6Diax12	13	28.28	40	3170	Non Engraved
4	Slab Over 1st Floor(3000) Psi	6	5	2021	6Diax12	13	28.28	40	3170	Non Engraved
5	Slab Over 1st Floor(3000) Psi	6	5	2021	6Diax12	13.4	28.28	43	3410	Non Engraved
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										

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**** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as comprerssive 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

1364

To: **Mr. M. Azeem (Operation Manager)** Dr.M.Yousaf
M/s Amer Adnan Associates (Pvt.) Ltd. Lahore.
Project: Construction of Building at 24-A Block E/2Gulberg III Lahore.

Our Ref. No. CL/CED/ 4042 Dated: 21-06-21

Your Ref. No. AAA/24A/0036 Dated: 08-06-21

COMPRESSION TEST REPORT

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

Specimens received on: 08-06-21 Tested on: 18-06-2021 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	(5000) Psi	30	5	2021	6Diax12	14.2	28.28	50	3960	Non Engraved
2	(5000) Psi	30	5	2021	6Diax12	13.3	28.28	63	4990	Non Engraved
3	(5000) Psi	30	5	2021	6Diax12	14.2	28.28	70	5550	Non Engraved
4										
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7										
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9										
10										
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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

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**** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as comprerssive 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

1393

To: **M/s Alamgir Developers(Pvt.) Ltd.**
Lahore.
Project: Nil

Dr.M.Yousaf

Our Ref. No. CL/CED/ 4043 Dated: 21-06-21

Your Ref. No. Nil Dated: 14-06-21

COMPRESSION TEST REPORT

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

Specimens received on: 14-06-21 Tested on: 18-06-2021 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		5 6 2021	6Diax12	13	28.28	27	2140	Engraved
2		5 6 2021	6Diax12	13	28.28	43	3410	Engraved
3								
4								
5								
6								
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13								
14								
15								
16								

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supervisor(lab) **Director/Dy. Director Concrete Laboratory**

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

1384

To: **Mr. Khadim Hussain** Dr.M.Yousaf
PO Shahpur, Chak No.116-c/t.d.a. District Lelah.
Project: Workman Furniture, Quid-e-Azam Industrial Estate

Our Ref. No. CL/CED/ 4044 Dated: 21-06-21

Your Ref. No. PCS/21/Eng/-60 Dated: 10-06-21

COMPRESSION TEST REPORT

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

Specimens received on: 10-06-21 Tested on: 18-06-2021 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 (1:2:4)	3	6	2021	6Diax12	13.8	28.28	57	4520	Non Engraved
2	Slab (1:2:4)	3	6	2021	6Diax12	13.6	28.28	60	4760	Non Engraved
3										
4										
5										
6										
7										
8										
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13										
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15										
16										

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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

1337

To: **M/s Shahid Builders (Pvt.) Ltd.** Dr.M.Yousaf
Lahore.
Project: Construction of Labard Rehabilitation & Vocational Training Center, Harbanspura Lahore.

Our Ref. No. CL/CED/ 4045 Dated: 21-06-21

Your Ref. No. SBL/2020/7 Dated: 03-06-21

COMPRESSION TEST REPORT

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

Specimens received on: 03-06-21 Tested on: 18-06-2021 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	1st Floor Slab Ramp	11	4	2021	6Diax12	14	28.28	68	5390	Engraved
2	1st Floor Slab Ramp	11	4	2021	6Diax12	13.4	28.28	68	5390	Engraved
3										
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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

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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

1337

To: **M/s Shahid Builders (Pvt.) Ltd.** Dr.M.Yousaf
Lahore.
Project: Construction of Labard Rehabilitation & Vocational Training Center, Harbanspura Lahore.

Our Ref. No. CL/CED/ 4046 Dated: 21-06-21

Your Ref. No. SBL/2020/7 Dated: 03-06-21

COMPRESSION TEST REPORT

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

Specimens received on: 03-06-21 Tested on: 18-06-2021 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	1st Floor Slab	11	4	2021	6Diax12	13.6	28.28	63	4990	Engraved
2	1st Floor Slab	11	4	2021	6Diax12	13	28.28	48	3810	Engraved
3										
4										
5										
6										
7										
8										
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11										
12										
13										
14										
15										
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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

1382

To: **Mr. Umair Maqsood (Sub Divisional Officer)** Dr.M.Yousaf
Building Sub Divisionb Assembly, Lahore.
Project: Re-Construction of PIPAL House A-Block, Lahore (ADP No.3427 for the Year 2021-21

Our Ref. No. CL/CED/ 4047 Dated: 21-06-21

Your Ref. No. No. 411 Dated: 02-06-21

COMPRESSION TEST REPORT

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

Specimens received on: 10-06-21 Tested on: 18-06-2021 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	Retaining Wall (1:2:4)	3	5	2021	6Diax12	14.2	28.28	58	4600	Engraved
2	Retaining Wall (1:2:4)	3	5	2021	6Diax12	14.2	28.28	59	4680	Engraved
3	Retaining Wall (1:2:4)	3	5	2021	6Diax12	14.1	28.28	62	4920	Engraved
4										
5										
6										
7										
8										
9										
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11										
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13										
14										
15										
16										

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* as engraved on the specimens (if any)

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supervisor(lab) **Director/Dy. Director Concrete Laboratory**

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

1382

To: **Mr. Umair Maqsood (Sub Divisional Officer)** Dr.M.Yousaf
Building Sub Divisionb Assembly, Lahore.
Project: Re-Construction of PIPAL House A-Block, Lahore (ADP No.3427 for the Year 2021-21

Our Ref. No. CL/CED/ 4048 Dated: 21-06-21

Your Ref. No. No. 412 Dated: 02-06-21

COMPRESSION TEST REPORT

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

Specimens received on: 10-06-21 Tested on: 18-06-2021 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	Columns (1:1.5:3)	27	5	2021	6Diax12	14.2	28.28	43	3410	Engraved
2	Columns (1:1.5:3)	27	5	2021	6Diax12	14.1	28.28	40	3170	Engraved
3	Columns (1:1.5:3)	27	5	2021	6Diax12	14.2	28.28	42	3330	Engraved
4										
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16										

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* 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
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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

1382

To: **Mr. Umair Maqsood (Sub Divisional Officer)** Dr.M.Yousaf
Building Sub Divisionb Assembly, Lahore.
Project: Re-Construction of PIPAL House A-Block, Lahore (ADP No.3427 for the Year 2021-21

Our Ref. No. CL/CED/ 4049 Dated: 21-06-21

Your Ref. No. No. 413 Dated: 02-06-21

COMPRESSION TEST REPORT

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

Specimens received on: 10-06-21 Tested on: 18-06-2021 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	Retaining Wall (1:2:4)	30	5	2021	6Diax12	14	28.28	40	3170	Engraved
2	Retaining Wall (1:2:4)	30	5	2021	6Diax12	14	28.28	36	2860	Engraved
3	Retaining Wall (1:2:4)	30	5	2021	6Diax12	14	28.28	32	2540	Engraved
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)

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**** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as comprerssive 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

1388

To: **Mr. Altaf Hussain (ME)** Engr. Ubaid
M/s AS Enterprises (Pvt.) Lahore. (M/s AA Associates)
Project: Construction of Style Textile Rawind Check 65 Phase 2

Our Ref. No. CL/CED/ 4050 Dated: 21-06-21

Your Ref. No. Style/ASE/02 Dated: 11-06-21

COMPRESSION TEST REPORT

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

Specimens received on: 11-06-21 Tested on: 16-06-2021 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	C-20 172 ABC	4	6	2021	6x6x6	8.4	36	68	4240	Non Engraved
2	C-20 172 ABC	4	6	2021	6x6x6	8.6	36	60	3740	Non Engraved
3	C-20 172 ABC	4	6	2021	6x6x6	8.4	36	67	4170	Non Engraved
4	C-30 173 ABC	4	6	2021	6x6x6	8.2	36	89	5540	Non Engraved
5	C-30 173 ABC	4	6	2021	6x6x6	8.4	36	75	4670	Non Engraved
6	C-30 173 ABC	4	6	2021	6x6x6	8.8	36	71	4420	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"diax12" cylinder) strength at 28 days as comprerssive 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

1394

To: **Mr. Umair Maqsood (SDO)** Engr. Ubaid
Building Sub Division Assembly Lahore.
Project: Construction of MPA Hostel, Lahore, (Phase-II) Group.02

Our Ref. No. CL/CED/ 4051 Dated: 21-06-21

Your Ref. No. No.420 Dated: 03-06-21

COMPRESSION TEST REPORT

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

Specimens received on: 14-06-21 Tested on: 16-06-2021 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	Columns (1:1.5:3)	14	4	2021	6x6x6	8.2	36	110	6850	Non Engraved
2	Columns (1:1.5:3)	14	4	2021	6x6x6	8.4	36	112	6970	Non Engraved
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** 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 comprerssive 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

1403

To: Engr. M. Usman Shahid (Project Engineer) Engr. Ubaid
St. No. 3 Millat Colony Fiaslabad.
Project: Construction of Nimir Power Plant

Our Ref. No. CL/CED/ 4052 Dated: 21-06-21

Your Ref. No. Nil Dated: 15-06-21

COMPRESSION TEST REPORT

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

Specimens received on: 15-06-21 Tested on: 16-06-2021 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 (3265) Psi	6	6	2021	6x6x6	8.6	36	71	4420	Non Engraved
2	Raft (3265) Psi	6	6	2021	6x6x6	8.8	36	41	2560	Non Engraved
3	Raft (3265) Psi	6	6	2021	6x6x6	8.8	36	62	3860	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

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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

1396

To: **Sub Divisional Officer (Buildings)** Engr. Ubaid
Sub Division Ferozwala
Project: Construction of Judicial Academy at Lahore Kala Shah Kaku, Lahore, No. 3272/2020-21) Phase II Residence 1-10 2nd Floor

Our Ref. No. CL/CED/ 4053 Dated: 21-06-21

Your Ref. No. No.1112 Dated: 14-06-21

COMPRESSION TEST REPORT

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

Specimens received on: 14-06-21 Tested on: 16-06-2021 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	Footing / Roofs Slab(1:2:4)	6	5	2021	6x6x6	8.8	36	48	2990	Non Engraved
2	Footing / Roofs Slab(1:2:4)	6	5	2021	6x6x6	9	36	58	3610	Non Engraved
3	Footing / Roofs Slab(1:2:4)	6	5	2021	6x6x6	9	36	46	2870	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

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** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
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**** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as comprerssive 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

1335

To: **Sub Divisional Officer** Engr. Ubaid
Building Sub Division No.15 Lahore.
Project: Construction of Record Rooms at 5th and 6th Floors as well as Addition of Staircase & Lift in the Existing Building at Parking Plaza at Fane Road Lahore.

Our Ref. No. CL/CED/ 4054 Dated: 21-06-21

Your Ref. No. No.404 Dated: 17-04-21

COMPRESSION TEST REPORT

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

Specimens received on: 03-06-21 Tested on: 16-06-2021 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	O		8.9X4.4X3.1	3364	39.16	90	5150	
2	O		9.0X4.4X3.0	3421	39.6	65	3680	
3	O		8.9X4.5X2.9	3368	40.5	85	4710	
4	O		9.0X4.4X3.1	3387	39.6	62	3510	
5	O		8.8X4.5X3.0	3391	39.6	58	3290	
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Results can also be seen on website http://www.uet.edu.pk/faculties/facultiesinfo/department?RID=testing_reports&id=6

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** 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

1296

To: **Deputy Director, Engg.** Dr. Aqsa
Sec I&II, Package -1, LOLMTP LDA, Lahore
Project: Construction of Baghbanpura Police Station GT Road Lahore. (Orange Line Metro Train Project (Package-i)

Our Ref. No. CL/CED/ 4055 Dated: 21-06-21

Your Ref. No. DD/PKG-1/LOLMTP/LDA/36 Dated: 17-05-21

COMPRESSION TEST REPORT

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

Specimens received on: 27-05-21 Tested on: 15-06-2021 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	SB		8.8X4.4X3.0	3345	38.72	48	2780	
2	SB		8.9X4.3X3.1	3228	38.27	55	3220	
3	SB		8.8X4.4X3.0	3267	38.72	55	3190	
4	MJ		9.0X4.4X3.0	3383	39.6	57	3230	
5	MJ		8.9X4.4X3.1	3252	39.16	54	3090	
6	MJ		9.0X4.4X3.0	3351	39.6	49	2780	
7	H		8.9X4.3X2.9	3198	38.27	54	3170	
8	H		9.0X4.4X3.1	3248	39.6	55	3120	
9	H		8.9X4.4X3.1	3239	39.16	47	2690	
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Results can also be seen on website 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
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

1219

To: **Sr. Construction Engineer-V** Dr. Aqsa
WASA LDA, Lahore.
Project: No. P&S/25.01/6347-Construction of Residential Quarter at A-Block, Pani Wali Tanki, Johar Town, LDA, Lahore

Our Ref. No. CL/CED/ 4056 Dated: 21-06-21

Your Ref. No. CD-V/139-41 Dated: 04-05-21

COMPRESSION TEST REPORT

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

Specimens received on: 17-05-21 Tested on: 15-06-2021 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	MA		9.0x4.3x2.9	3144	38.7	42	2440	
2	MA		9.0x4.4x2.9	3297	39.6	43	2440	
3	MA		9.0x4.4x3.0	3345	39.6	47	2660	
4	MA		8.9x4.4x3.0	3301	39.16	47	2690	
5	MA		8.8x4.4x2.9	3283	38.72	57	3300	
6	MA		8.9x4.3x3.0	3204	38.27	47	2760	
7	MA		9.0x4.3x2.9	3238	38.7	43	2490	
8	MA		9.0x4.4x2.9	3308	39.6	53	3000	
9	MA		8.8x4.3x3.0	3301	37.84	51	3020	
10	MA		8.8x4.4x3.0	3188	38.72	45	2610	
11	MA		9.0x4.4x2.9	3190	39.6	49	2780	
12	MA		9.0x4.3x3.0	3218	38.7	46	2670	
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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)
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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

1342

To: **Mr. Asim Ishaq (Principal)** Engr. Ubaid
The Trust School, Lahore.
Project:Construction of Proposed Trust School for Amir Town Harbanspura Lahore.

Our Ref. No. CL/CED/ 4057 Dated: 21-06-21

Your Ref. No. SBL/2021/UET-TEDDS/ Dated: 03-06-21

COMPRESSION TEST REPORT

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

Specimens received on: 04-06-21 Tested on: 16-06-2021 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	M		9.0x4.3x2.9	2919	38.7	56	3250	
2	M		8.9x4.3x3.0	2991	38.27	33	1940	
3	M		9.0x4.4x2.9	3063	39.6	54	3060	
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Results can also be seen on website 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

1358

To: **Assistant Resident Engineer** Engr. Ubaid
M/s Engineering Consultancy Services Punjab (Pvt.) Ltd. Lahore.
Project: Supply, Construction, Installation of Water Filteration Plants & Direct Supply in Dera Ghazi Khan

Our Ref. No. CL/CED/ 4058 Dated: 21-06-21

Your Ref. No. ECSP/PAPA/CZ-DGK-01 Dated: 10-06-21

COMPRESSION TEST REPORT

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

Specimens received on: 10-06-21 Tested on: 16-06-2021 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	Teer				8.9x4.3x3.1	3293	38.27	46	2700	
2	Teer				8.9x4.3x3.0	3286	38.27	36	2110	
3	Teer				8.8x4.2x2.9	3138	36.96	42	2550	
4	Teer				9.0x4.2x2.9	3248	37.8	44	2610	
5	Teer				8.9x4.3x3.0	3299	38.27	52	3050	
6	Teer				8.9x4.4x2.9	3199	39.16	46	2640	
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Results can also be seen on website 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

1358

To: **Assistant Resident Engineer** Engr. Ubaid
M/s Engineering Consultancy Services Punjab (Pvt.) Ltd. Lahore.
Project: Supply, Construction, Installation of Water Filteration Plants & Direct Supply in Dera Ghazi Khan

Our Ref. No. CL/CED/ 4059 Dated: 21-06-21

Your Ref. No. ECSP/PAPA/CZ-DGK-02 Dated: 10-06-21

COMPRESSION TEST REPORT

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

Specimens received on: 10-06-21 Tested on: 16-06-2021 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	11		8.6x4.2x2.7	2590	36.12	18	1120	
2	11		8.7x4.2x2.8	2570	36.54	25	1540	
3	11		8.7x4.1x2.9	2698	35.67	26.5	1670	
4	11		8.6x4.2x2.8	2612	36.12	30	1860	
5	11		8.6x4.3x2.9	2749	36.98	23	1400	
6	11		8.6x4.3x2.7	2638	36.98	24.5	1490	
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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

1318

To: **Mr. Abdul Ahad Qureshi**
M/s XL Bricks, Lahore.
Project: Nil

Engr. Ubaid

Our Ref. No. CL/CED/ 4060 Dated: 21-06-21

Your Ref. No. Nil Dated: 01-06-21

COMPRESSION TEST REPORT

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

Specimens received on: 02-06-21 Tested on: 16-06-2021 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	Fly Ash XL		8.9x4.3x2.8	3409	38.27	27	1580	
2	Fly Ash XL		8.9x4.3x2.8	3370	38.27	30	1760	
3	Fly Ash XL		9.0x4.3x3.0	3494	38.7	33	1910	
4	Fly Ash XL		9.0x4.4x3.0	3567	39.6	38	2150	
5	Fly Ash XL		9.0x4.3x2.9	3322	38.7	36	2090	
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Results can also be seen on website http://www.uet.edu.pk/faculties/facultiesinfo/department?RID=testing_reports&id=6

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**** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as comprerssive 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

1345

Dr. Aqsa

To: **Mr. Mustehson Ali Khan (Site Engineer)**
M/s Flag Square Builders (Pvt.) Ltd. Lahore
Project: Nil

Our Ref. No. CL/CED/ 4061 Dated: 21-06-21

Your Ref. No. Nil Dated: 04-06-21

COMPRESSION TEST REPORT

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

Specimens received on: 04-06-21 Tested on: 15-06-2021 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	1st F Slab Phase 1 (3000) Psi	5	5	2021	6Diax12	13.2	28.28	58	4600	Non Engraved
2	1st F Slab Phase 1 (3000) Psi	5	5	2021	6Diax12	13.4	28.28	66	5230	Non Engraved
3	1st F Slab Phase 2 (3000) Psi	7	5	2021	6Diax12	13	28.28	41	3250	Non Engraved
4	1st F Slab Phase 2 (3000) Psi	7	5	2021	6Diax12	13	28.28	41	3250	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

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** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
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**** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as comprerssive 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

1378

To: **Mr. Saleem (GM)** Dr. Aqsa
M/s Professional Construction Services (Pvt.) Ltd. Lahore
Project: Construction of Allied Bank Limited DHA Phase 8c Ex Park View Lahore.

Our Ref. No. CL/CED/ 4062 Dated: 21-06-21

Your Ref. No. PCS/2021/ENG/59 Dated: 09-06-21

COMPRESSION TEST REPORT

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

Specimens received on: 09-06-21 Tested on: 15-06-2021 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	Mumty & OHWT Slab(1:2:4)	6	5	2021	6Diax12	13.8	28.28	75	5950	Non Engraved
2	Mumty & OHWT Slab(1:2:4)	6	5	2021	6Diax12	14	28.28	76	6020	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 comprerssive 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

1407

To: **Mr. Irfan Nazir (Manager Civil)** Engr. Ubaid
M/s Nishat Mill Ltd. Lahore.
Project: Construction of Stitching Unit 31 Extension

Our Ref. No. CL/CED/ 4063 Dated: 21-06-21

Your Ref. No. Nil Dated: 14-06-21

COMPRESSION TEST REPORT

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

Specimens received on: 15-06-21 Tested on: 16-06-2021 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	Column Footing	9	6	2021	6x6x6	8.6	36	55	3430	Engraved
2	Column Footing	9	6	2021	6x6x6	9	36	73	4550	Non Engraved
3	Column Footing	9	6	2021	6x6x6	9	36	67	4170	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)
** 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 comprerssive 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

1407

To: **Mr. Irfan Nazir (Manager Civil)** Engr. Ubaid
M/s Nishat Mill Ltd. Lahore. (M/s Ittefaq Building Solutions)
Project: Construction of Stitching Unit 31 Extension

Our Ref. No. CL/CED/ 4064 Dated: 21-06-21

Your Ref. No. Nil Dated: 14-06-21

COMPRESSION TEST REPORT

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

Specimens received on: 15-06-21 Tested on: 16-06-2021 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	Column	8	6	2021	6x6x6	8.4	36	76	4730	Engraved
2	Column	8	6	2021	6x6x6	8.4	36	76	4730	Engraved
3	Column	8	6	2021	6x6x6	8.4	36	55	3430	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"diax12" cylinder) strength at 28 days as comprerssive 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

1386

To: **General Manager** Dr. Burhan Sharif
Zaamin City, Lahore
Project: Construction of Zaamin City, off Ferozpur Road at Ring Road, Gajju Matta Exit Lahore.

Our Ref. No. CL/CED/ 4065 Dated: 21-06-21

Your Ref. No. Nil Dated: 11-06-21

COMPRESSION TEST REPORT

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

Specimens received on: 11-06-21 Tested on: 16-06-2021 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	Rectangular Grey		7.8x3.9x2.3	2364	30.42	42	3100	
2	Rectangular Grey		7.8x3.9x2.3	2383	30.42	48	3540	
3	Rectangular Grey		7.8x3.9x2.3	2439	30.42	25	1850	
4	Rectangular Grey		7.8x3.9x2.3	2351	30.42	31	2290	
5	Rectangular Grey		7.8x3.9x2.3	2553	30.42	37	2730	
6	Rectangular Grey		7.8x3.9x2.3	2393	30.42	37	2730	
7	Rectangular Grey		7.8x3.9x2.3	2408	30.42	31	2290	
8	Rectangular Grey		7.8x3.9x2.3	2410	30.42	27	1990	
9	Rectangular Red		7.8x3.8x2.3	2435	29.64	33	2500	
10	Rectangular Red		7.8x3.8x2.3	2271	29.64	37	2800	
11	Rectangular Red		7.8x3.8x2.3	3363	29.64	39	2950	
12	Rectangular Red		7.8x3.8x2.3	2203	29.64	47	3560	
13	Rectangular Red		7.8x3.8x2.3	2301	29.64	43	3250	
14	Rectangular Red		7.8x3.8x2.3	2317	29.64	31	2350	
15	Rectangular Red		7.8x3.8x2.3	2381	29.64	45	3410	
16	Rectangular Red		7.8x3.8x2.3	2328	29.64	37	2800	

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 comprerssive 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

1315

To: **Mr. M. Farooq Ashraf (Resident Engineer)** Dr. Burhan Sharif
Metroplan-Asian JV, Site Office Mianwali
Project: Resident Construction Supervision for Establishment of 200 Bedded Mother & Child Hospital and Nursing College, District Mianwali

Our Ref. No. CL/CED/ 4066 Dated: 21-06-21

Your Ref. No. Metroplan Asian JV-Nexus-MMCH-RE-907 Dated: 27-05-20211

COMPRESSION TEST REPORT

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

Specimens received on: 01-06-21 Tested on: 16-06-2021 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	Rectangular Grey		7.9x3.9x3.2	3537	30.81			
2	Rectangular Grey		7.9x3.9x3.2	3584	30.81			
3	Rectangular Grey		7.9x3.9x3.2	3651	30.81			
4	Rectangular Grey		7.9x3.9x3.2	3693	30.81			
5	Rectangular Grey		7.9x3.9x3.2	3797	30.81			
6	Rectangular Grey		7.9x3.9x3.2	3510	30.81			
7	Rectangular Grey		7.9x3.9x3.2	3590	30.81			
8	Rectangular Grey		7.9x3.9x3.2	3648	30.81			
9	Rectangular Grey		7.9x3.9x3.2	3728	30.81			
10	Rectangular Grey		7.9x3.9x3.2	3598	30.81			
11	Rectangular Grey		7.9x3.9x3.2	3721	30.81			
12	Rectangular Grey		7.9x3.9x3.2	3788	30.81			
13	Rectangular Grey		7.9x3.9x3.2	3536	30.81			
14	Rectangular Grey		7.9x3.9x3.2	3664	30.81			
15	Rectangular Grey		7.9x3.9x3.2	3793	30.81			
16	Rectangular Grey		7.9x3.9x3.2	3835	30.81			

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 comprerssive 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

1355

To: **Brig. Saeed Ahmed Malik (Resident Engineer)** Engr. Ubaid
M/s NESPAK (Pvt.) Ltd Lahore. (Highways and Transportation Engineering)
Project: Repair of Main Street Nallah from Main Chock, Gowala Colony Near Dara Aslam Gujjar to Street Tower Wali Gowala Colony

Our Ref. No. CL/CED/ 4067 Dated: 21-06-21

Your Ref. No. 4084/BSAM/104/01/431 Dated: 04-06-20211

COMPRESSION TEST REPORT

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

Specimens received on: 07-06-21 Tested on: 16-06-2021 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	A		8.8x4.3x2.9	3214	37.84	34	2020	
2	A		8.7x4.3x3.1	3318	37.41	80	4790	
3	A		8.8x4.2x3.0	3236	36.96	68	4130	
4	A		8.7x4.1x2.9	3136	35.67	50	3140	
5	A		8.7x4.3x3.0	3152	37.41	70	4200	
6	A		8.6x4.3x3.1	3330	36.98	66	4000	
7								
8								
9								
10								
11								
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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)
** 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 comprerssive 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

1324

To: **Brig. Saeed Ahmed Malik (Resident Engineer)** Engr. Ubaid
M/s NESPAK (Pvt.) Ltd Lahore. (Highways and Transportation Engineering)
Project: Construction of Sewerage and PCC Streets Ramzan Wali Mohalla Meowattian Al-Mehmood Shadi Hall and Al-Khalil Science Academy Mughal etc.

Our Ref. No. CL/CED/ 4068 Dated: 21-06-21

Your Ref. No. 4084/BSAM/104/01/416 Dated: 27-05-20211

COMPRESSION TEST REPORT

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

Specimens received on: 02-06-21 Tested on: 16-06-2021 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	H-1		8.7x4.3x2.9	3068	37.84	34	2020	
2	H-1		8.7x4.4x2.9	3080	37.41	42	2520	
3	H-1		8.7x4.3x2.9	3024	36.96	39	2370	
4	H-1		8.8x4.4x2.9	2995	35.67	48	3020	
5	H-1		8.8x4.4x2.8	3066	37.41	42	2520	
6	H-1		9.0x4.4x2.9	3156	36.98	38	2310	
7								
8								
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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

1319

To: **Mr. Muneeb Ur Rehman(Sr. District Engineer)** Dr. Aqsa
M/s Humqadam/ Sialkot (GPS Houl GPS Chamimono)
Project: Retro- Fitting/ Humqadam SCRP-Sialkot

Our Ref. No. CL/CED/ 4069 Dated: 21-06-21

Your Ref. No. Nil Dated: 02-06-21

COMPRESSION TEST REPORT

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

Specimens received on: 02-06-21 Tested on: 11-06-2021 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		5	5	2021	6Diax12	12.4	28.28	45	3570	Non Engraved
2		5	5	2021	6Diax12	13.4	28.28	66	5230	Non Engraved
3		27	5	2021	6Diax12	12	28.28	16	1270	Non Engraved
4		27	5	2021	6Diax12	12	28.28	16	1270	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)
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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"diax12" cylinder) strength at 28 days as comprerssive 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

1315

To: **Mr. M. Farooq Ashraf (Resident Engineer)** Dr. Burhan Sharif
Metroplan-Asian JV, Site Office Mianwali
Project: Resident Construction Supervision for Establishment of 200 Bedded Mother & Child Hospital and Nursing College, District Mianwali

Our Ref. No. CL/CED/ 4070 Dated: 21-06-21

Your Ref. No. Metroplan Asian JV Nexus -MMCH-RE-907 Dated: 27-05-21

COMPRESSION TEST REPORT

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

Specimens received on: 01-06-21 Tested on: 16-06-2021 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		5	5	2021	6Diax12	12.4	28.28	45	3570	Non Engraved
2		5	5	2021	6Diax12	13.4	28.28	66	5230	Non Engraved
3		27	5	2021	6Diax12	12	28.28	16	1270	Non Engraved
4		27	5	2021	6Diax12	12	28.28	16	1270	Non Engraved
5										
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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)
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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"diax12" cylinder) strength at 28 days as comprerssive 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**