



Plain and Reinforced Concrete Laboratory

Department of Civil Engineering

University of Engineering and Technology, Lahore

Phone Nos. 042-99029202, 042-99029217

1639

Dr. Mazar

To: **Mr. Mustehson Ali Khan (Site Engineer)**
M/s Flag Square Builder's (Pvt.) Ltd. Lahore
Project: Construction of Palace Mall

Our Ref. No. CL/CED/ 4586 Dated: 10-08-21

Your Ref. No. PM/0208 Dated: 02-08-21

COMPRESSION TEST REPORT

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

Specimens received on: 02-08-21 Tested on: 09-08-21 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	3rd Floor Slab (3000) Psi	17	7	2021	6Diax12	14.4	28.28	59	4680	Non Engraved
2	3rd Floor Slab (3000) Psi	17	7	2021	6Diax12	12.8	28.28	47	3730	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 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

1636
Dr. Mazar

To: Mr. Faraz Hussain Mirza (Project Manager)
M/s Treet Corporation (Pvt.) Ltd. Lahore.
Project: Nil

Our Ref. No. CL/CED/ 4587 Dated: 10-08-21
Your Ref. No. Nil Dated: 30-07-21

COMPRESSION TEST REPORT

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

Specimens received on: 30-07-21 Tested on: 09-08-21 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Weight (lbs./gms)	Area of X- Section (Sq. in)	Ultimate load (Tons/lbs)	Ultimate Stress (Psi)	Remarks
		Month	Day	Year						
1	RCC Retaining Wall	15	7	2021	6Diax12	13	28.28	37	2940	Non Engraved
2	RCC Retaining Wall	15	7	2021	6Diax12	12.4	28.28	31	2460	Non Engraved
3	RCC Retaining Wall	15	7	2021	6Diax12	13	28.28	31	2460	Non Engraved
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* as engraved on the specimens (if any)

** BS3921 requires average of ten clay brick samples for crushing strength and water absorption

*** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength

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

Note: Above results pertain to the unsealed samples supplied to the laboratory

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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

1643

To: Mr. Adal Imtiaz (Asst. Director)
Fazaia housing Scheme Phase II, Lahore.
Project: Construction of Central Mosque at Fazaia Housing Scheme II, Lahore.

Dr. Mazar

Our Ref. No. CL/CED/ 4588 Dated: 11-08-21

Your Ref. No. FHSL-II/5811/Org (CA-12) Dated: 27-07-21

COMPRESSION TEST REPORT

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

Specimens received on: 02-08-21 Tested on: 09-08-21 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	Main Hall Slab+Beam (1:2:4)	26	6	2021	6Diax12	13	28.28	35	2780	Engraved
2	Main Hall Slab+Beam (1:2:4)	26	6	2021	6Diax12	13	28.28	71	5630	Non Engraved
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* as engraved on the specimens (if any)

** BS3921 requires average of ten clay brick samples for crushing strength and water absorption

*** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength

**** ACI318-08 requires mean of two sample (6" dia x 12" cylinder) strength at 28 days as compressive strength

Note: Above results pertain to the unsealed samples supplied to the laboratory

The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients). The test results are recommended to be interpreted in the light of above factors by the engineer.

supervisor(lab)

Director/Dy. Director Concrete Laboratory



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

1671

Dr. Umbreen

To: Mr. Adeel
M/s Professional Construction Services (Pvt.) Ltd. Lahore.
Project: Construction of Khalil & Naushaba,s House Aitchison Lahore.

Our Ref. No. CL/CED/ 4589 Dated: 11-08-21

Your Ref. No. PCS/21/Eng-75 Dated: 02-08-21

COMPRESSION TEST REPORT

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

Specimens received on: 04-08-21 Tested on: 08-08-21 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Weight (lbs./gms)	Area of X- Section (Sq. in)	Ultimate load (Tons/lbs)	Ultimate Stress (Psi)	Remarks
		Month	Day	Year						
1	Ground Floor Slab (1:2:4)	17	7	2021	6Diax12	14.2	28.28	59	4680	Not Engraved
2	Ground Floor Slab (1:2:4)	17	7	2021	6Diax12	14.2	28.28	39	3090	Not Engraved
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*** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength

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supervisor(lab)

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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

1671

Dr. Umbreen

To: Mr. Adeel
M/s Professional Construction Services (Pvt.) Ltd. Lahore.
Project: Construction of Khalil & Naushaba,s House Aitchison Lahore.

Our Ref. No. CL/CED/ 4590 Dated: 11-08-21

Your Ref. No. PCs/21/Eng-74 Dated: 04-08-21

COMPRESSION TEST REPORT

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

Specimens received on: 04-08-21 Tested on: 05-08-21 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 (1:1.5:3)	6	7	2021	6Diax12	13.8	28.28	43	3410	Non Engraved
2	Ground Floor (1:1.5:3)	6	7	2021	6Diax12	13	28.28	45	3570	Non Engraved
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1656
Dr. Umbreen

To: Project Manager
M/s Q Links Property Management (Pvt.) Ltd. Lahore
Project: Construction of BH-3 Bahria Orchard Lahore.

Our Ref. No. CL/CED/ 4591 Dated: 02-06-21

Your Ref. No. QLC-BO-BH2-2021-056 Dated: 02-08-21

COMPRESSION TEST REPORT

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

Specimens received on: 03-08-21 Tested on: 05-08-21 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	First Floor (3000) Psi	16	7	2021	6Diax12	14.2	28.28	41	3250	Not Engraved
2	First Floor (3000) Psi	16	7	2021	6Diax12	13.6	28.28	37	2940	Not Engraved
3	First Floor (3000) Psi	16	7	2021	6Diax12	13.4	28.28	37	2940	Not 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 compressive strength

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

1654

Dr. Umbreen

To: Mr. Ahmed Ejaz
M/s Linker (Pvt.) Ltd. Lahore.
Project: Construction of Corporate Office Tower 9- Jail Road Lahore.

Our Ref. No. CL/CED/ 4592 Dated: 11-08-21

Your Ref. No. Nil Dated: 28-07-21

COMPRESSION TEST REPORT

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

Specimens received on: 02-08-21 Tested on: 10-08-21 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	(3750) Psi	23	6	2021	6Diax12	13.8	28.28	61	4840	Not Engraved
2	(3750) Psi	23	6	2021	6Diax12	13.5	28.28	67	5310	Not Engraved
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Results can also be seen on website http://www.uet.edu.pk/faculties/facultiesinfo/departement?RID=testing_reports&id=6

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supervisor(lab)

Director/Dy. Director Concrete Laboratory



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

1654
Dr. Umbreen

To: Mr. Ahmed Ejaz
M/s Linker (Pvt.) Ltd. Lahore.
Project: Construction of Corporate Office Tower 9- Jail Road Lahore.

Our Ref. No. CL/CED/ 4593 Dated: 11-08-21
Your Ref. No. Nil Dated: 28-07-21

COMPRESSION TEST REPORT

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

Specimens received on: 02-08-21 Tested on: 10-08-21 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	(5500) Psi	25	6	2021	6Diax12	14.2	28.28	61	4840	Not Engraved
2	(5500) Psi	25	6	2021	6Diax12	13.8	28.28	81	6420	Not 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

1676

Dr. Umbreen

To: Mr. Mohsin Ali
H.No.1041 Block No. 1 Green Town Lahore. (M/s H.A Builders)
Project: Construction of Sialkot Trade Center Amnabad Road Sialkot

Our Ref. No. CL/CED/ 4594 Dated: 11-08-21

Your Ref. No. Nil Dated: 04-08-21

COMPRESSION TEST REPORT

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

Specimens received on: 04-08-21 Tested on: 10-08-21 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	6	6	2021	6Diax12	13.8	28.28	27	2140	Engrvaed
2	(3000) Psi	6	6	2021	6Diax12	13.8	28.28	35	2780	Engrvaed
3	(3000) Psi	25	6	2021	6Diax12	14.2	28.28	49	3890	Engrvaed
4	(3000) Psi	25	6	2021	6Diax12	14	28.28	75	5950	Not Engrvaed
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supervisor(lab)

Director/Dy. Director Concrete Laboratory



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

1657
Dr. Umbreen

To: Project Manager
M/s Q Links Property Management (Pvt.) Ltd. Lahore
Project: Construction of Jasmine Grand Mall, Bahria Town Lahore.

Our Ref. No. CL/CED/ 4595 Dated: 11-08-21

Your Ref. No. QLC-BO-BH2-2021-057 Dated: 02-08-21

COMPRESSION TEST REPORT

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

Specimens received on: 03-08-21 Tested on: 10-08-21 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Weight (lbs./gms)	Area of X- Section (Sq. in)	Ultimate load (Tons/lbs)	Ultimate Stress (Psi)	Remarks
		Month	Day	Year						
1	Raft Foundation (3000) Psi	9	7	2021	6Diax12	13	28.28	45	3570	Not Engraved
2	Raft Foundation (3000) Psi	9	7	2021	6Diax12	13.4	28.28	45	3570	Not Engraved
3	Raft Foundation (3000) Psi	9	7	2021	6Diax12	13.4	28.28	43	3410	Not Engraved
4	Raft Foundation (3000) Psi	9	7	2021	6Diax12	13.2	28.28	39	3090	Not 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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Director/Dy. Director Concrete Laboratory



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

1682

Dr. Umbreen

To: **Mr. Syed Yasir Ali (Resident Engineer)**

M/s NESPAK (Pvt.) Ltd. Lahore. (Construction Management Division) (M/s NLC)

Project: Establishment of UET, Innovation Park & Innovation Centre Lahore Sub Campus at Narowal

Our Ref. No. CL/CED/ 4596 Dated: 11-08-21

Your Ref. No. 3863/SYA/LabTesting/433 Dated: 03-08-21

COMPRESSION TEST REPORT

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

Specimens received on: 05-08-21 Tested on: 10-08-21 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	Mumty Slab	23	6	2021	6Diax12	13.4	28.28	73	5790	Not Engraved
2	Mumty Slab	23	6	2021	6Diax12	13.8	28.28	61	4840	Not Engraved
3	Mumty Slab	23	6	2021	6Diax12	13.4	28.28	61	4840	Not 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

1698
Dr. Umbreen

To: **Mr. M. Ehsan (Project Director EEPL)**
M/s Elite Engineering (Pvt.) Ltd. Lahore. (M/s Sitara Heights (Pvt.) Ltd.
Project: Sitara Heights3-Jays Tower, Gulberg-III Lahore.

Our Ref. No. CL/CED/ 4597 Dated: 11-08-21

Your Ref. No. EEPL/001/008 Dated: 09-08-21

COMPRESSION TEST REPORT

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

Specimens received on: 09-08-21 Tested on: 10-08-21 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Weight (lbs./gms)	Area of X- Section (Sq. in)	Ultimate load (Tons/lbs)	Ultimate Stress (Psi)	Remarks
		Month	Day	Year						
1	(4000) Psi	14	7	2021	6Diax12	14	28.28	81	6420	Non Engraved
2	(4000) Psi	14	7	2021	6Diax12	14.8	28.28	83	6580	Non Engraved
3	(4000) Psi	14	7	2021	6Diax12	13.8	28.28	79	6260	Non Engraved
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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

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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

1695
Dr. Umbreen

To: Mr. Waqas Ali
Ho. 1 Street No. 3 Mugalpura Lahore.
Project: Nil

Our Ref. No. CL/CED/ 4598 Dated: 11-08-21
Your Ref. No. Nil; Dated: 06-08-21

COMPRESSION TEST REPORT

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

Specimens received on: 06-08-21 Tested on: 10-08-21 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	(4000) Psi	30	7	2021	6Diax12	14	28.28	61	4840	Non Engraved
2	(4000) Psi	30	7	2021	6Diax12	14	28.28	61	4840	Non Engraved
3	(4000) Psi	30	7	2021	6Diax12	14	28.28	63	4990	Non Engraved
4	(5000) Psi	30	7	2021	6Diax12	14	28.28	63	4990	Non Engraved
5	(5000) Psi	30	7	2021	6Diax12	14	28.28	63	4990	Non Engraved
6	(5000) Psi	30	7	2021	6Diax12	13.8	28.28	63	4990	Non Engraved
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										

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

1661

Dr. Umbreen

To: Mr. Minhaj Khizar
M/s Style Textile (Pvt.) Ltd.
Project: Style Manga Project

Our Ref. No. CL/CED/ 4599 Dated: 11-08-21

Your Ref. No. Nil Dated: 29-07-21

COMPRESSION TEST REPORT

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

Specimens received on: 03-08-21 Tested on: 10-08-21 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Weight (lbs./gms)	Area of X-Section (Sq. in)	Ultimate load (Tons/lbs)	Ultimate Stress (Psi)	Remarks
		Month	Day	Year						
1	Beam	16	6	2021	6x6x6	8.4	36	65	4050	Non Engraved
2	Beam	16	6	2021	6x6x6	8.2	36	81	5040	Non Engraved
3	Beam	16	6	2021	6x6x6	8.4	36	82	5110	Non Engraved
4	Stair Beam	26	5	2021	6x6x6	8	36	91	5670	Non Engraved
5	Stair Beam	26	5	2021	6x6x6	8.4	36	123	7660	Non Engraved
6	Stair Beam	26	5	2021	6x6x6	8.2	36	95	5920	Non Engraved
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										

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

1661
Dr. Umbreen

To: Mr. Riasat Ali
M/s Style Textile (Pvt.) Ltd.
Project: Style Manga Project

Our Ref. No. CL/CED/ 4600 Dated: 11-08-21
Your Ref. No. Nil Dated: 29-07-21

COMPRESSION TEST REPORT

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

Specimens received on: 03-08-21 Tested on: 10-08-21 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Weight (lbs./gms)	Area of X-Section (Sq. in)	Ultimate load (Tons/lbs)	Ultimate Stress (Psi)	Remarks
		Month	Day	Year						
1	Roof	29	6	2021	6x6x6	8.4	36	96	5980	Non Engraved
2	Roof	29	6	2021	6x6x6	8.8	36	95	5920	Non Engraved
3	Roof	29	6	2021	6x6x6	8.6	36	94	5850	Non Engraved
4	Walls (RCC)	29	6	2021	6x6x6	8.4	36	101	6290	Non Engraved
5	Walls (RCC)	29	6	2021	6x6x6	8.8	36	92	5730	Non Engraved
6	Walls (RCC)	29	6	2021	6x6x6	8.6	36	92	5730	Non Engraved
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										

Results can also be seen on website http://www.uet.edu.pk/faculties/facultiesinfo/department?RID=testing_reports&id=6

* 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

1596

Dr. Umbreen

To: Mr. Syed Yasir (Resident Engineer)

M/s NESPAK (Pvt.) Ltd. Lahore. (Construction Management Division)

Project: Establishment of UET Sub Campus at Narowal (Construction of Electrical and Mechanical Department (Balance Works)

Our Ref. No. CL/CED/ 4601 Dated: 11-08-21

Your Ref. No. 3863/13/Labtesting /420 Dated: 13-07-21

COMPRESSION TEST REPORT

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

Specimens received on: 16--07-2021 Tested on: 10-08-21 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	61		8.7x4.2x2.7	2750	36.54	23	1410	
2	61		8.5x4.0x2.8	2615	34	37	2440	
3	61		8.5x4.1x2.7	2635	34.85	35	2250	
4	61		8.5x4.1x2.8	2605	34.85	39	2510	
5	61		8.7x4.3x2.8	2825	37.41	31	1860	
6	61		8.6x4.1x2.7	2775	35.26	49	3120	
7	61		8.6x4.2x2.8	2698	36.12	23	1430	
8	61		8.7x4.2x2.7	2708	36.54	53	3250	
9	61		8.5x4.1x2.9	2629	34.85	47	3030	
10	61		8.6x4.0x2.8	2641	34.4	27	1760	
11	61		8.5x4.2x2.8	2679	35.7	29	1820	
12	61		8.6x4.1x2.8	2690	35.26	39	2480	
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 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

1601

Dr. Umbreen

To: Sub Divisional Officer

Building Sub Division Nankana Sahib

Project: Construction of Admin Block, Quarter Guard Accommodation Upper, Upper Subordinates in Police Lines Nankana Sahib (ADP 5854 for the Year 2021-2022)

Our Ref. No. CL/CED/

4602

Dated:

11-08-21

Your Ref. No.

No.687

Dated:

29-06-21

COMPRESSION TEST REPORT

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

Specimens received on: 16--07-2021 Tested on: 10-08-21 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	J			8.8x4.3x2.8	3120	37.84	65	3850	
2	J			8.7x4.3x2.9	3190	37.41	35	2100	
3	J			8.6x4.2x2.8	3148	36.12	51	3170	
4	J			8.7x4.3x2.9	3118	37.41	51	3060	
5	J			8.8x4.3x2.8	3198	37.84	45	2670	
6	J			8.7x4.3x2.8	3169	37.41	47	2820	
7	AD			9.0x4.4x3.0	3520	39.6	39	2210	
8	AD			8.9x4.4x3.0	3310	39.16	51	2920	
9	AD			8.9x4.4x2.9	3450	39.16	45	2580	
10	AD			8.9x4.4x3.0	3560	39.16	41	2350	
11	AD			9.0x4.4x3.0	3562	39.6	51	2890	
12	AD			9.0x4.4x3.0	3585	39.6	33	1870	
13									
14									
15									
16									

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

1772
Engr. Ubaid

To: M. Luqman (Manager Projects FMH)
M/s Fatima Memorial Hospital Lahore.
Project: Construction of New Building at Fatima Memorial Hospital Lahore.

Our Ref. No. CL/CED/ 4606 Dated: 11-08-21

Your Ref. No. FMH/RAF/Con/03 Dated: 10-08-21

COMPRESSION TEST REPORT

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

Specimens received on: 10-08-21 Tested on: 11-08-21 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Weight (lbs./gms)	Area of X-Section (Sq. in)	Ultimate load (Tons/lbs)	Ultimate Stress (Psi)	Remarks
		Month	Day	Year						
1	Raft Foundation (3000) Psi	13	7	2021	6Diax12	14	28.28	27	2110	
2	Raft Foundation (3000) Psi	13	7	2021	6Diax12	13	28.28	19	1490	
3	Raft Foundation (3000) Psi	13	7	2021	6Diax12	13.4	28.28	26	2030	
4	Raft Foundation (3000) Psi	14	7	2021	6Diax12	14	28.28	16	1250	
5	Raft Foundation (3000) Psi	14	7	2021	6Diax12	13.2	28.28	16	1250	
6	Raft Foundation (3000) Psi	14	7	2021	6Diax12	13.8	28.28	17	1330	
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										

Results can also be seen on website http://www.uet.edu.pk/faculties/facultiesinfo/departments?RID=testing_reports&id=6

* 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

1624

Engr. Ubaid

To: **M/s Global Packaging Films (Pvt.) Ltd.**
Lahore.

Project: Construction of BOPET/Globel Packaging (Pvt.) Ltd.

Our Ref. No. CL/CED/ 4607 Dated: 11-08-21

Your Ref. No. Nil Dated: 28-07-21

COMPRESSION TEST REPORT

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

Specimens received on: 10-08-21 Tested on: 11-08-21 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Weight (lbs./gms)	Area of X- Section (Sq. in)	Ultimate load (Tons/lbs)	Ultimate Stress (Psi)	Remarks
		Wet Weight (gms)								
1	Raft Foundation (3000) Psi	13	7	2021	6Diax12	14	28.28	27	2110	
2	Raft Foundation (3000) Psi	13	7	2021	6Diax12	13	28.28	19	1490	
3	Raft Foundation (3000) Psi	13	7	2021	6Diax12	13.4	28.28	26	2030	
4	Raft Foundation (3000) Psi	14	7	2021	6Diax12	14	28.28	16	1250	
5	Raft Foundation (3000) Psi	14	7	2021	6Diax12	13.2	28.28	16	1250	
6	Raft Foundation (3000) Psi	14	7	2021	6Diax12	13.8	28.28	17	1330	
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										

Results can also be seen on website http://www.uet.edu.pk/faculties/facultiesinfo/departments?RID=testing_reports&id=6

* 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

Civil Engineering Department

University of Engineering and Technology, Lahore, Pakistan
Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

ORIGINAL
A carbon copy for the report has been retained in the lab for record.

1572
Dr. Umbreen

To: Mr. Khalid Mahmood (Resident Engineer)
M/s NESPAK (Pvt.) Ltd. Lahore. (M/s TurkPak International Pvt. Ltd.)
Project: Resident Construction Supervision for Establishment of Dera Ghazi Khan Institute of Cardiology Center D.G Khan
Our Ref. No. CL/CED/ 4603 Dated: 11-08-21
Your Ref. No. 4161/RE/SFMKB/DGK/416 Dated: 12-07-21

Test Specification
(----)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 19-07-21 Tested on: 11-08-21 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	Porcelien Tile (Shabbir Brand)	---	---	---	0.3 Thick	2035	2030	---	---	---	0.25	---
2	Porcelien Tile (Shabbir Brand)	---	---	---	0.3 Thick	1985	1980	---	---	---	0.25	---
3	Porcelien Tile (Shabbir Brand)	---	---	---	0.3 Thick	1950	1943	---	---	---	0.36	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

Results can also be seen on website <https://civil.uet.edu.pk/concrete-laboratory-reports1/>

- * 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

Civil Engineering Department

University of Engineering and Technology, Lahore. Pakistan
Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

ORIGINAL
A carbon copy for the report has been retained in the lab for record.

1572
Dr. Umbreen

To: Mr. Khalid Mahmood (Resident Engineer)
M/s NESPAK (Pvt.) Ltd. Lahore. (M/s TurkPak International Pvt. Ltd.)
Project: Resident Construction Supervision for Establishment of Dera Ghazi Khan Institute of Cardiology Center D.G Khan
Our Ref. No. CL/CED/ 4604 Dated: 11-08-21
Your Ref. No. 4161/RE/SFMKB/DGK/417 Dated: 12-07-21

Test Specification
(----)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 19-07-21 Tested on: 11-08-21 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	Terrazzo Tile (3A Brand White)	---	---	---	1.0 Thick	5505	5230	---	---	---	5.26	---
2	Terrazzo Tile (3A Brand White)	---	---	---	1.0 Thick	5090	4850	---	---	---	4.95	---
3	Terrazzo Tile (3A Brand White)	---	---	---	1.0 Thick	4955	4790	---	---	---	3.44	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

Results can also be seen on website <https://civil.uet.edu.pk/concrete-laboratory-reports1/>

- * 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

Civil Engineering Department

University of Engineering and Technology, Lahore, Pakistan
Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

ORIGINAL
A carbon copy for the report has been retained in the lab for record.

1572
Dr. Umbreen

To: Mr. Khalid Mehmood (Resident Engineer)
M/s NESPAK (Pvt.) Ltd. Lahore. (M/s TurkPak International Pvt. Ltd.)

Project: Resident Construction Supervision for Establishment of Dera Ghazi Khan Institute of Cardiology Center D.G Khan

Our Ref. No. CL/CED/ 4605

Dated: 11-08-21

Test Specification

Your Ref. No. 4161/RE/SFMKB/DGK/418

Dated: 12-07-21

(----)

COMPRESSION TEST REPORT



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

Specimens received on: 19-07-21 Tested on: 11-08-21 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (met.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	Terrazzo Taxila Brand White	---	---	---	1.0 Thick	5610	5290	---	---	---	6.05	---
2	Terrazzo Taxila Brand White	---	---	---	1.0 Thick	5880	5630	---	---	---	4.44	---
3	Terrazzo Taxila Brand White	---	---	---	1.0 Thick	5340	5205	---	---	---	2.59	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Nil

Results can also be seen on website <https://civil.uet.edu.pk/concrete-laboratory-reports1/>

- * 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