



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

1446

Dr. Umbreen

To: Engr. Azeem
M/s Hafiz Concrete.
Project: Nil

Our Ref. No. CL/CED/ 4156 Dated: 30-06-21

Your Ref. No. Nil Dated: 23-06-21

COMPRESSION TEST REPORT

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

Specimens received on: 23-06-21 Tested on: 29-06-21 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	UC		9.0x4.4x3.2	4139	39.6	35	1980	
2	UC		9.0x4.4x3.2	3643	39.6	28	1590	
3	UC		9.0x4.4x3.2	3893	39.6	27	1530	
4	UC		9.0x4.4x3.2	3682	39.6	45	2550	
5	UC		9.0x4.4x3.2	3830	39.6	28	1590	
6	H.C		9.0x4.4x3.0	3580	39.7	34	1920	
7	H.C		9.0x4.4x3.0	3467	38.7	30	1740	
8	H.C		9.0x4.3x3.0	3473	39.6	43	2440	
9	H.C		9.0x4.4x3.0	3541	39.6	48	2720	
10	H.C		9.0x4.4x3.1	3546	39.6	37	2100	
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Results can also be seen on website http://www.uet.edu.pk/faculties/facultiesinfo/department?RID=testing_reports&id=6

* as engraved on the specimens (if any)

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

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

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

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

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

supervisor(lab)

Director/Dy. Director Concrete Laboratory



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

1376

To: Mr.M. Aman Ullah (Resident Engineer) (Package -1 ,4&6)
LDA City Housing Scheme Lahore. (M/s Habib Construction Services)
Project: Development of Infrastructure in LDA City, Lahore. (Package -1,4&6 of Jinnah Sector)

Dr. Umbreen

Our Ref. No. CL/CED/ 4157-1 of 2 Dated: 30-06-21

Your Ref. No. 4047/13/MA/09/42 Dated: 01-06-21

COMPRESSION TEST REPORT

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

Specimens received on: 09-06-21 Tested on: 29-06-21 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	SK-1 A		4.4x4.3x3.0	1637	18.92	25	2960	
2	SK-2 A		4.4x4.3x3.0	1630	18.92	27	3200	
3	SK-3 B		4.5x4.3x3.1	1650	19.35	24	2780	
4	SK-4 B		4.4x4.3x3.1	1639	18.92	26	3080	
5	SK-5 C		4.5x4.4x3.0	1662	18.92	23	2730	
6	SK-6 C		4.4x4.4x3.0	1659	19.35	26	3010	
7	SK-7 D		4.4x4.3x3.0	1645	18.92	23	2730	
8	SK-8 D		4.4x4.3x3.0	1629	18.92	21	2490	
9	SK-9 E		4.5x4.4x3.0	1678	19.35	14	1630	
10	SK-10 E		4.4x4.3x3.0	1671	18.92	15	1780	
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Department of Civil Engineering
University of Engineering and Technology, Lahore
Phone Nos. 042-99029202, 042-99029217

1376

Dr. Umbreen

To: Mr.M. Aman Ullah (Resident Engineer) (Package -1 ,4&6)
LDA City Housing Scheme Lahore. (M/s Habib Construction Services)
Project: Development of Infrastructure in LDA City, Lahore. (Package -1,4&6 of Jinnah Sector)

Our Ref. No. CL/CED/ 4157-2 of 2 Dated: 30-06-21

Your Ref. No. 4047/13/MA/09/42 Dated: 01-06-21

COMPRESSION TEST REPORT

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

Specimens received on: 09-06-21 Tested on: 29-06-21 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	S1-1 A		4.4x4.3x3.0	1676	18.92	34	4030	
2	S1-2 A		4.5x4.3x3.0	1682	19.35	29	3360	
3	S1-3 B		4.4x4.3x3.1	1651	18.92	35	4150	
4	S1-4 B		4.4x4.3x3.1	1641	18.92	29	3440	
5	S1-5 C		4.5x4.3x3.0	1640	19.35	33	3820	
6	S1-6 C		4.4x4.3x3.0	1648	18.92	32	3790	
7	S1-7 D		4.4x4.3x3.0	1632	18.92	40	4740	
8	S1-8 D		4.4x4.3x3.0	1642	18.92	34	4030	
9	S1-9 E		4.5x4.3x3.1	1661	19.35	30	3480	
10	S1-10 E		4.4x4.3x3.1	1660	18.92	28	3320	
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13								
14								
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16								

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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

1467

Engr. Ubaid

To: Mr. Mudassar Iqbal (Manager QC)
Country Developers (Pvt.) Ltd. Lahore (AA Building Contractors)
Project: PGC Campus at Air Line Society Lahore.

Our Ref. No. CL/CED/ 4158 Dated: 30-06-21

Your Ref. No. CD-20-Testing /Con/ALC-035 Dated: 24-06-21

COMPRESSION TEST REPORT

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

Specimens received on: 25-06-21 Tested on: 30-06-21 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	Lift Walls (3000) Psi	12	6	2021	6Diax12	13.2	28.28	29	2300	Non Engraved
2	Lift Walls (3000) Psi	12	6	2021	6Diax12	13	28.28	32	2540	Non Engraved
3	FF Columns (4500) Psi	14	6	2021	6Diax12	13.8	28.28	52	4120	Non Engraved
4	FF Columns (4500) Psi	14	6	2021	6Diax12	13	28.28	43	3410	Non Engraved
5	GF Slab (4500) Psi	16	6	2021	6Diax12	13.2	28.28	55	4360	Non Engraved
6	GF Slab (4500) Psi	16	6	2021	6Diax12	13.4	28.28	59	4680	Non Engraved
7	Stairs (3000) Psi	17	6	2021	6Diax12	13.4	28.28	37	2940	Engraved
8	Stairs (3000) Psi	17	6	2021	6Diax12	13	28.28	37	2940	Engraved
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10										
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14										
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16										

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Director/Dy. Director Concrete Laboratory



Plain and Reinforced Concrete Laboratory

Department of Civil Engineering

University of Engineering and Technology, Lahore

Phone Nos. 042-99029202, 042-99029217

1429

Engr. Ubaid

To: Engr. Irfan Ali (Manager Projects)

M/s Ittefaq Construction Services (Pvt.) Ltd. Lahore.

Project: Construction of Commercial Plaza (42B, 43B, 44B, Sector C and 19A) Main Boulevard Bahria Town Lahore.

Our Ref. No. CL/CED/ 4159 Dated: 30-06-21

Your Ref. No. ICS/H.O/B.T.P/55 Dated: 15-06-21

COMPRESSION TEST REPORT

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

Specimens received on: 18-06-21 Tested on: 30-06-21 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	42B Staire (3000) Psi	9	4	2021	6Diax12	13	28.28	55	4360	Non Engraved
2	42B Staire (3000) Psi	9	4	2021	6Diax12	13.2	28.28	53	4200	Non Engraved
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Director/Dy. Director Concrete Laboratory



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

1429

Engr. Ubaid

To: **Engr. Irfan Ali (Manager Projects)**

M/s Ittefaq Construction Services (Pvt.) Ltd. Lahore.

Project: Construction of Commercial Plaza (42B, 43B, 44B, Sector C and 19A) Main Boulevard Bahria Town Lahore.

Our Ref. No. CL/CED/ 4160 Dated: 30-06-21

Your Ref. No. ICS/H.O/B.T.P/53 Dated: 15-06-21

COMPRESSION TEST REPORT

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

Specimens received on: 18-06-21 Tested on: 30-06-21 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	42B Lift (4000) Psi	31	5	2021	6Diax12	13.6	28.28	55	4360	Non Engraved
2	42B Lift (4000) Psi	31	5	2021	6Diax12	13.2	28.28	32	2540	Non Engraved
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4										
5										
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Director/Dy. Director Concrete Laboratory



Plain and Reinforced Concrete Laboratory

Department of Civil Engineering

University of Engineering and Technology, Lahore

Phone Nos. 042-99029202, 042-99029217

1429

To: Engr. Irfan Ali (Manager Projects)

Engr. Ubaid

M/s Ittefaq Construction Services (Pvt.) Ltd. Lahore.

Project: Construction of Commercial Plaza (42B, 43B, 44B, Sector C and 19A) Main Boulevard Bahria Town Lahore.

Our Ref. No. CL/CED/ 4161 Dated: 30-06-21

Your Ref. No. ICS/H.O/B.T.P/51 Dated: 15-06-21

COMPRESSION TEST REPORT

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

Specimens received on: 18-06-21 Tested on: 30-06-21 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	42B 3rd Slab (3000) Psi	4	5	2021	6Diax12	13	28.28	35	2780	Non Engraved
2	42B 3rd Slab (3000) Psi	4	5	2021	6Diax12	13	28.28	37	2940	Non Engraved
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Department of Civil Engineering
University of Engineering and Technology, Lahore
Phone Nos. 042-99029202, 042-99029217

1429

Engr. Ubaid

To: **Engr. Irfan Ali (Manager Projects)**

M/s Ittefaq Construction Services (Pvt.) Ltd. Lahore.

Project: Construction of Commercial Plaza (42B, 43B, 44B, Sector C and 19A) Main Boulevard Bahria Town Lahore.

Our Ref. No. CL/CED/ 4162 Dated: 30-06-21

Your Ref. No. ICS/H.O/B.T.P/54 Dated: 15-06-21

COMPRESSION TEST REPORT

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

Specimens received on: 18-06-21 Tested on: 30-06-21 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	42B 3rd Columns (4000) Psi	6	5	2021	6Diax12	13	28.28	55	4360	Non Engraved
2	42B 3rd Columns (4000) Psi	6	5	2021	6Diax12	13.8	28.28	47	3730	Non Engraved
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Phone Nos. 042-99029202, 042-99029217

1455
Engr. Ubaid

To: Mr.M.Tahir Yaseen
M/s Elco Enterprises (Pvt.) Ltd. Lahore.
Project: Construction of Allied Bank Limited New Satellite Town Branch Sargodha

Our Ref. No. CL/CED/ 4162 Dated: 30-06-21

Your Ref. No. ICS/H.O/B.T.P/54 Dated: 15-06-21

COMPRESSION TEST REPORT

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

Specimens received on: 18-06-21 Tested on: 30-06-21 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	42B 3rd Columns (4000) Psi	6	5	2021	6Diax12	13	28.28	55	4360	Non Engraved
2	42B 3rd Columns (4000) Psi	6	5	2021	6Diax12	13.8	28.28	47	3730	Non Engraved
3										
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Phone Nos. 042-99029202, 042-99029217

1397

Dr. Mazar

To: **Brig. Saeed Ahmad Malik (Resident Engineer)**

M/s NESPAK (Pvt.) Ltd. (Highways and Transportation Engineering Division)

Project: Rehabilitation of PCC Khan Colony Christian Abadi Colony Nawaz Sharif Colony Main Bazaar near Model Katacahry Geopal Nagar Gulberg-III Naseer Abad Henry K Colony Gurumangat Road Lahore.

Our Ref. No. CL/CED/ 4164 Dated: 30-06-21

Your Ref. No. 4084/103/BSAM/104/393 Dated: 24-04-21

COMPRESSION TEST REPORT

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

Specimens received on: 14-06-21 Tested on: 30-06-21 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	S-1		8.8x4.4x2.9	3218	38.72	63	3650	
2	S-1		8.9x4.3x3.0	3174	38.27	88	5160	
3	S-1		8.8x4.3x2.9	3248	37.84	57	3380	
4	S-1		8.8x4.4x2.9	3261	38.72	43	2490	
5	S-1		8.9x4.3x3.0	3189	38.27	53	3110	
6	S-1		8.8x4.3x3.0	3170	37.84	71	4210	
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Phone Nos. 042-99029202, 042-99029217

1463

Dr. Mazar

To: Brig. Saeed Ahmad Malik (Resident Engineer)
M/s NESPAK (Pvt.) Ltd. (Highways and Transportation Engineering Division)
Project: PCC Nallah Mouza Galwera PP-165

Our Ref. No. CL/CED/ 4165 Dated: 30-06-21

Your Ref. No. 4084/103/BSAM/104/446 Dated: 16-06-21

COMPRESSION TEST REPORT

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

Specimens received on: 25-06-21 Tested on: 28-06-21 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		14	5	2021	6x6x6	8.2	36	55	3430	Non Engraved
2		14	5	2021	6x6x6	8.2	36	61	3800	Non Engraved
3		14	5	2021	6x6x6	8.2	36	65	4050	Non Engraved
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14										
15										
16										

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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" 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

1462
Dr. Mazar

To: Brig. Saeed Ahmad Malik (Resident Engineer)
M/s NESPAK (Pvt.) Ltd. (Highways and Transportation Engineering Division)
Project: Rehabilitation of PCC Nallah Lakhoki Guru Mangat PP-165

Our Ref. No. CL/CED/ 4166 Dated: 30-06-21

Your Ref. No. 4084/103/BSAM/104/428 Dated: 31-05-21

COMPRESSION TEST REPORT

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

Specimens received on: 25-06-21 Tested on: 28-06-21 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		20	5	2021	6x6x6	8.6	36	39	2430	Non Engraved
2		20	5	2021	6x6x6	8.4	36	55	3430	Non Engraved
3		20	5	2021	6x6x6	8.4	36	61	3800	Non Engraved
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										

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

* 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

1405
Engr. Ubaid

To: Mr. Lt Col Ubaid Ur Rehman (Retd.)
M/s NLC Engineers -Tajaarat Developers (JV) Lahore
Project: Construction of PEC Regional Office, Lahore.

Our Ref. No. CL/CED/ 4167 Dated: 30-06-21

Your Ref. No. 901/NLC-TD(JV) PEC/239 Dated: 15-06-21

COMPRESSION TEST REPORT

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

Specimens received on: 15-06-21 Tested on: 30-06-21 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	BBC		8.9x4.3x2.9	3189	38.27	47	2760	
2	BBC		8.8x4.3x3.0	3158	37.84	51	3020	
3	BBC		8.9x4.3x3.1	3184	38.27	24	1410	
4	BBC		8.8x4.3x3.0	3174	37.84	27	1600	
5	BBC		8.9x4.3x3.0	3214	38.27	47	2760	
6	38		8.8x4.3x3.0	3289	37.84	46	2730	
7	38		8.7x4.3x2.9	3243	37.41	51	3060	
8	38		8.7x4.3x3.1	3352	37.41	70	4200	
9	38		8.8x4.3x3.1	3362	37.84	55	3260	
10	38		8.7x4.2x3.0	3211	36.54	53	3250	
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

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supervisor(lab)

Director/Dy. Director Concrete Laboratory