



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

1401

Engr. Ubaid

To: **Mr. Safdar Hussain (Resident Engineer)**
ACE, Danish School Mankera Residency (M/s ZKHB) Package-1
Project: Establishment of Daanish School (Boys & Girls) at Mankera District Bhakkar(Package-1)

Our Ref. No. CL/CED/ 4095 Dated: 24-06-21

Your Ref. No. ACE/RE-PDS /MNK/BHK/21/417 Dated: 14-06-21

COMPRESSION TEST REPORT

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

Specimens received on: 15-06-21 Tested on: 23-06-2021 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Weight (lbs./gms)	Area of X-Section (Sq. in)	Ultimate load (Tons/lbs)	Ultimate Stress (Psi)	Remarks
		Month	Day	Year						
1	RCC Slab (G/F)	8	5	2021	6Diax12	13.8	28.28	54	4280	Non Engraved
2	RCC Slab (G/F)	8	5	2021	6Diax12	13.4	28.28	54	4280	Non Engraved
3	RCC Slab (G/F)	8	5	2021	6Diax12	13.2	28.28	55	4360	Non Engraved
4	RCC Slab (F/F)	9	5	2021	6Diax12	13.2	28.28	57	4520	Non Engraved
5	RCC Slab (F/F)	9	5	2021	6Diax12	14.2	28.28	81	6420	Non Engraved
6	RCC Slab (F/F)	9	5	2021	6Diax12	13	28.28	61	4840	Non Engraved
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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

1426

Engr. Ubaid

To: Mr. M. Shahbaz Iqbal
M/s BPS (Pvt.) Ltd. Lahore.
Project: Construction of Alpha Homes

Our Ref. No. CL/CED/ 4096 Dated: 24-06-21

Your Ref. No. Nil Dated: 18-06-21

COMPRESSION TEST REPORT

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

Specimens received on: 18-06-21 Tested on: 23-06-2021 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Weight (lbs./gms)	Area of X-Section (Sq. in)	Ultimate load (Tons/lbs)	Ultimate Stress (Psi)	Remarks
		Month	Day	Year						
1	Slab+5'-00'	7	5	2021	6Diax12	13.8	28.28	52	4120	Non Engraved
2	Slab+5'-00'	7	5	2021	6Diax12	13.8	28.28	55	4360	Non Engraved
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1426
Engr. Ubaid

To: Mr. M. Shahbaz Iqbal
M/s BPS (Pvt.) Ltd. Lahore.
Project: Construction of Alpha Homes

Our Ref. No. CL/CED/ 4097 Dated: 24-06-21

Your Ref. No. Nil Dated: 18-06-21

COMPRESSION TEST REPORT

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

Specimens received on: 18-06-21 Tested on: 23-06-21 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	Ground Floor Column	31	5	2021	6Diax12	13.4	28.28	59	4680	Non Engraved
2	Ground Floor Column	31	5	2021	6Diax12	13.2	28.28	57	4520	Non Engraved
3	Ground Floor Column	31	5	2021	6Diax12	13.3	28.28	49	3890	Non Engraved
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1405
Engr. Ubaid

To: **Mr. Ubaid Ur Rehman (Retd)**
SPM (JV) PEC Bldg Proj (NLC Engineers -Tijaarat Developers) JV
Project: Construction of PEC Regional Office, Lahore.

Our Ref. No. CL/CED/ 4098 Dated: 24-06-21

Your Ref. No. 901/NLC-TD(JV)/PEC/238 Dated: 15-06-21

COMPRESSION TEST REPORT

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

Specimens received on: 15-06-21 Tested on: 23-06-21 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		9	5	2021	6Diax12	13.4	28.28	70	5550	Non Engraved
2		9	5	2021	6Diax12	13.4	28.28	46	3650	Non Engraved
3		9	5	2021	6Diax12	13.8	28.28	62	4920	Non Engraved
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supervisor(lab)

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1399
Engr. Ubaid

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

Our Ref. No. CL/CED/ 4099 Dated: 24-06-21

Your Ref. No. QLC-BO-BH2-2021-048 Dated: 12-06-21

COMPRESSION TEST REPORT

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

Specimens received on: 14-06-21 Tested on: 23-06-21 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	Footing Beam (3000) Psi	2	6	2021	6Diax12	13.8	28.28	38	3010	Non Engraved
2	Footing Beam (3000) Psi	2	6	2021	6Diax12	13.8	28.28	37	2940	Non Engraved
3	Footing Beam (3000) Psi	2	6	2021	6Diax12	13.4	28.28	42	3330	Non Engraved
4	Footing Beam (3000) Psi	5	6	2021	6Diax12	14	28.28	38	3010	Engraved
5	Footing Beam (3000) Psi	5	6	2021	6Diax12	13.2	28.28	43	3410	Engraved
6	Footing Beam (3000) Psi	5	6	2021	6Diax12	13	28.28	37	2940	Engraved
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supervisor(lab)

Director/Dy. Director Concrete Laboratory



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

1400

Engr. Ubaid

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

Our Ref. No. CL/CED/ 4100 Dated: 24-06-21

Your Ref. No. QLC-BO-BH2-2021-049 Dated: 14-06-21

COMPRESSION TEST REPORT

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

Specimens received on: 14-06-21 Tested on: 23-06-21 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	1St Floor Lift Walls (3750)	7	6	2021	6Diax12	14.2	28.28	50	3960	Non Engraved
2	1St Floor Lift Walls (3750)	7	6	2021	6Diax12	13.4	28.28	51	4040	Non Engraved
3	1St Floor Lift Walls (3750)	7	6	2021	6Diax12	13.8	28.28	47	3730	Non Engraved
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supervisor(lab)

Director/Dy. Director Concrete Laboratory



Plain and Reinforced Concrete Laboratory
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Phone Nos. 042-99029202, 042-99029217

1369

Engr. Ubaid

To: **Project Manager**

M/s Q-Links Property Management (Pvt.) Ltd.

Project: Construction of Jasmine Grand Mall Bahria Town, Lahore

Our Ref. No. CL/CED/ 4101 Dated: 24-06-21

Your Ref. No. QLC-BO-BH2-2021-046 Dated: 07-06-21

COMPRESSION TEST REPORT

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

Specimens received on: 08-06-21 Tested on: 23-06-21 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	Raft Foundation (3000) Psi	3	5	2021	6Diax12	14.2	28.28	40	3170	Non Engraved
2	Raft Foundation (3000) Psi	3	5	2021	6Diax12	13.4	28.28	39	3090	Non Engraved
3	Raft Foundation (3000) Psi	3	5	2021	6Diax12	13.8	28.28	44	3490	Non Engraved
4	Raft Foundation (3000) Psi	3	5	2021	6Diax12	14	28.28	38	3010	Non Engraved
5	Raft Foundation (3000) Psi	7	5	2021	6Diax12	13.9	28.28	43	3410	Non Engraved
6	Raft Foundation (3000) Psi	7	5	2021	6Diax12	14	28.28	44	3490	Non Engraved
7	Raft Foundation (3000) Psi	7	5	2021	6Diax12	13.4	28.28	41	3250	Non Engraved
8	Raft Foundation (3000) Psi	7	5	2021	6Diax12	13.6	28.28	42	3330	Non Engraved
9	Footing Beam (3000) Psi	30	5	2021	6Diax12	14	28.28	37	2940	Non Engraved
10	Footing Beam (3000) Psi	30	5	2021	6Diax12	13.6	28.28	39	3090	Non Engraved
11	Footing Beam (3000) Psi	30	5	2021	6Diax12	13.9	28.28	41	3250	Non Engraved
12	Raft Foundation (3000) Psi	26	5	2021	6Diax12	14	28.28	42	3330	Non Engraved
13	Raft Foundation (3000) Psi	26	5	2021	6Diax12	13.8	28.28	39	3090	Non Engraved
14	Raft Foundation (3000) Psi	26	5	2021	6Diax12	13.9	28.28	44	3490	Non Engraved
15										
16										

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supervisor(lab)

Director/Dy. Director Concrete Laboratory



Plain and Reinforced Concrete Laboratory
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Phone Nos. 042-99029202, 042-99029217

1411
Engr. Ubaid

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

Our Ref. No. CL/CED/ 4102 Dated: 24-06-21

Your Ref. No. AAA/24A/0037 Dated: 16-06-21

COMPRESSION TEST REPORT

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

Specimens received on: 16-06-21 Tested on: 23-06-21 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		8	6	2021	6Diax12	13.1	28.28	57	4520	Non Engraved
2		8	6	2021	6Diax12	14.2	28.28	75	5950	Non Engraved
3		8	6	2021	6Diax12	14	28.28	88	6970	Non Engraved
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supervisor(lab)

Director/Dy. Director Concrete Laboratory



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1416
Engr. Ubaid

To: Mr. Waqas Munir (Admin Manager)
M/s Zimbis Knitwears (Pvt.) Limited Lahore
Project: Nil

Our Ref. No. CL/CED/ 4103 Dated: 24-06-21
Your Ref. No. Nil Dated: 16-06-21

COMPRESSION TEST REPORT

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

Specimens received on: 16-06-21 Tested on: 23-06-21 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
		1	6	2021						
1		1	6	2021	6Diax12	13	28.28	37	2940	Engraved
2		1	6	2021	6Diax12	13.4	28.28	36	2860	Engraved
3		1	6	2021	6Diax12	13	28.28	61	4840	Engraved
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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

1417

Engr. Ubaid

To: **Mr. M. Ghulam Mustafa Joyia**
M/s Mgmj Studio (Pvt.) Ltd.
Project: Plaza 106-Q CCA Phase -7 DHA Lahore.

Our Ref. No. CL/CED/ 4104 Dated: 24-06-21

Your Ref. No. Plaza 106Q Phase -7 Dated: 22-04-21

COMPRESSION TEST REPORT

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

Specimens received on: 17-06-21 Tested on: 23-06-21 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	Retaining Wall (4000) psi	24	3	2021	6Diax12	14.2	28.28	58	4600	Non Engraved
2	Retaining Wall (4000) psi	24	3	2021	6Diax12	14.1	28.28	67	5310	Non Engraved
3	Retaining Wall (4000) psi	24	3	2021	6Diax12	14	28.28	61	4840	Non Engraved
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supervisor(lab)

Director/Dy. Director Concrete Laboratory



Plain and Reinforced Concrete Laboratory

Department of Civil Engineering

University of Engineering and Technology, Lahore

Phone Nos. 042-99029202, 042-99029217

1417

Engr. Ubaid

To: **Mr. M. Ghulam Mustafa Joyia**
M/s Mgmj Studio (Pvt.) Ltd.
Project: Plaza 106-Q CCA Phase -7 DHA Lahore.

Our Ref. No. CL/CED/ 4105 Dated: 24-06-21

Your Ref. No. Plaza 106Q Phase -7 Dated: 16-06-21

COMPRESSION TEST REPORT

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

Specimens received on: 17-06-21 Tested on: 23-06-21 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	Floor Roof Slab (3000) Psi	19	5	2021	6Diax12	14	28.28	52	4120	Non Engraved
2	Floor Roof Slab (3000) Psi	19	5	2021	6Diax12	13.6	28.28	53	4200	Non Engraved
3	Floor Roof Slab (3000) Psi	19	5	2021	6Diax12	13.6	28.28	47	3730	Non Engraved
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Director/Dy. Director Concrete Laboratory



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Phone Nos. 042-99029202, 042-99029217

1418

Engr. Ubaid

To: Mr.M. Affan (Project Manager)
M/s Icon Residencia (Pvt.) Ltd. Lahore.
Project: Nil

Our Ref. No. CL/CED/ 4106 Dated: 24-06-21

Your Ref. No. Nil Dated: 17-06-21

COMPRESSION TEST REPORT

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

Specimens received on: 17-06-21 Tested on: 23-06-21 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
		1	2	2021						
1	(4000) Psi	1	2	2021	6Diax12	13.2	28.28	80	6340	Non Engraved
2	(4000) Psi	1	2	2021	6Diax12	14	28.28	67	5310	Non Engraved
3	(4000) Psi	1	2	2021	6Diax12	14	28.28	77	6100	Non Engraved
4	(5000) Psi	1	2	2021	6Diax12	13.2	28.28	55	4360	Non Engraved
5	(5000) Psi	1	2	2021	6Diax12	13.6	28.28	73	5790	Non Engraved
6	(5000) Psi	1	2	2021	6Diax12	13.3	28.28	64	5070	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"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

1418
Engr. Ubaid

To: Mr.M. Affan (Project Manager)
M/s Icon Residencia (Pvt.) Ltd. Lahore.
Project: Nil

Our Ref. No. CL/CED/ 4107 Dated: 24-06-21

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

COMPRESSION TEST REPORT

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

Specimens received on: 17-06-21 Tested on: 23-06-21 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	Ground Floor Slab(4000) Psi	1	12	2021	6Diax12	14.1	28.28	87	6900	Non Engraved
2	Ground Floor Slab(4000) Psi	1	12	2021	6Diax12	13.8	28.28	80	6340	Non Engraved
3	Ground Floor Slab(4000) Psi	1	12	2021	6Diax12	14	28.28	75	5950	Non Engraved
4	Columns (5000) Psi	1	12	2021	6Diax12	14	28.28	90	7130	Non Engraved
5	Columns (5000) Psi	1	12	2021	6Diax12	13.6	28.28	84	6660	Non Engraved
6	Columns (5000) Psi	1	12	2021	6Diax12	13.8	28.28	66	5230	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/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

1418
Engr. Ubaid

To: Mr.M. Affan (Project Manager)
M/s Icon Residencia (Pvt.) Ltd. Lahore.
Project: Nil

Our Ref. No. CL/CED/ 4108 Dated: 24-06-21

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

COMPRESSION TEST REPORT

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

Specimens received on: 17-06-21 Tested on: 23-06-21 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	Ground Floor Slab (4000) Psi	30	3	2021	6Diax12	14	28.28	74	5870	Non Engraved
2	Ground Floor Slab (4000) Psi	30	3	2021	6Diax12	14.4	28.28	99	7850	Non Engraved
3	Ground Floor Slab (4000) Psi	30	3	2021	6Diax12	13.4	28.28	36	2860	Non Engraved
4										
5										
6										
7										
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10										
11										
12										
13										
14										
15										
16										

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

* as engraved on the specimens (if any)

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

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

**** ACI318-08 requires mean of two sample (6"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

1418
Engr. Ubaid

To: Mr.M. Affan (Project Manager)
M/s Icon Residencia (Pvt.) Ltd. Lahore.
Project: Nil

Our Ref. No. CL/CED/ 4109 Dated: 24-06-21
Your Ref. No. Nil Dated: 15-06-21

COMPRESSION TEST REPORT

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

Specimens received on: 17-06-21 Tested on: 23-06-21 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	Ground Floor Slab (4000) Psi	20	2	2021	6Diax12	13.8	28.28	55	4360	Non Engraved
2	Ground Floor Slab (4000) Psi	20	2	2021	6Diax12	13.4	28.28	75	5950	Non Engraved
3	Ground Floor Slab (4000) Psi	20	2	2021	6Diax12	13.6	28.28	57	4520	Non Engraved
4										
5										
6										
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11										
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14										
15										
16										

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

* as engraved on the specimens (if any)

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

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

**** ACI318-08 requires mean of two sample (6"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

1423

To: **Mr. M. Khalid Zaman (Resident Engineer)**

Engr. Ubaid

M/s Engineering Consultancy Services Punjab (Pvt.) Ltd. Lahore.

Project: Supply, Construction, Installation of Water Filtration Plants & Direct Supply in Lahore.

Our Ref. No. CL/CED/ 4110 Dated: 24-06-21

Your Ref. No. ECSP/PAPA/CZ-LHR-20 Dated: 08-06-21

COMPRESSION TEST REPORT

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

Specimens received on: 18-06-21 Tested on: 23-06-21 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	Gehlen Pattoki (1:2:4)	6	5	2021	6Diax12	14	28.28	80	6340	Non Engraved
2	Gehlen Pattoki (1:2:4)	6	5	2021	6Diax12	14.2	28.28	95	7530	Non Engraved
3	Gehlen Pattoki (1:2:4)	6	5	2021	6Diax12	14.3	28.28	102	8080	Non Engraved
4	Gohar Chak No.8(1:2:4)	7	5	2021	6Diax12	14	28.28	80	6340	Non Engraved
5	Gohar Chak No.8(1:2:4)	7	5	2021	6Diax12	14.4	28.28	79	6260	Non Engraved
6	Gohar Chak No.8(1:2:4)	7	5	2021	6Diax12	14	28.28	67	5310	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"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

1436
Engr. Ubaid

To: Engr. Irfan Ali (Manager Projects)
M/s Ittefaq Construction Services (Pvt.) Ltd. Lahore.
Project: Construction of Commercial Plaza (69E Nishter Block Bahria Town Lahore.

Our Ref. No. CL/CED/ 4111 Dated: 24-06-21

Your Ref. No. ICS/H.O/B.T.P69E/02 Dated: 31-05-21

COMPRESSION TEST REPORT

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

Specimens received on: 22-06-21 Tested on: 23-06-21 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	Basement Slab	11	4	2021	6Diax12	14	28.28	65	5150	Non Engraved
2	Basement Slab	11	4	2021	6Diax12	14	28.28	78	6180	Non Engraved
3										
4										
5										
6										
7										
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14										
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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"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

1430

Engr. Ubaid

To: Brig. Saeed Ahmed Malik (Resident Engineer)
M/s NESPAK (Pvt.) Ltd. Lahore. (Highways and Transportation Engineering Division)
Project: Arrange of Early Disposal of Rain Water Lorry Adda Badami Bagh Lahore.

Our Ref. No. CL/CED/ 4112 Dated: 24-06-21

Your Ref. No. 4084/103/BSAM/104/215 Dated: 29-12-21

COMPRESSION TEST REPORT

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

Specimens received on: 21-06-21 Tested on: 21-06-21 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		30	11	2021	6x6x6	8.4	36	128	7970	Non Engraved
2		30	11	2021	6x6x6	8.2	36	100	6230	Non Engraved
3		30	11	2021	6x6x6	8.2	36	73	4550	Non Engraved
4										
5										
6										
7										
8										
9										
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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

* 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

1430

Engr. Ubaid

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

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

Project: Rehabilitation of PCC Street Shadi Shah Sahib Wali Link Jamia Masjid Shafi Town and Repair of Road Cut Riaz Pakoray Wali Gali UC-73

Our Ref. No. CL/CED/ 4113 Dated: 24-06-21

Your Ref. No. 4084/103/BSAM/104/440 Dated: 09-06-21

COMPRESSION TEST REPORT

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

Specimens received on: 21-06-21 Tested on: 21-06-21 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		8	5	2021	6x6x6	8.4	36	114	7100	Non Engraved
2		8	5	2021	6x6x6	8.2	36	88	5480	Non Engraved
3		8	5	2021	6x6x6	8	36	110	6850	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/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

1453

Dr. Aqsa

To: **Mr. Malik Faisal Hussain (Material Engineer)**
M/s Tetra Engineering (Pvt.) Ltd. Lahore. (M/s Condrill Pvt. Ltd.)
Project: TNS Beacon House 23/ E-2, Gulberg III, Lahore.

Our Ref. No. CL/CED/ 4114 Dated: 24-06-21

Your Ref. No. TRM/LAB/00128-21 Dated: 24-02-21

COMPRESSION TEST REPORT

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

Specimens received on: 24-06-21 Tested on: 24-06-21 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	(4000) Psi	17	6	2021	6Diax12	14.8	28.28	59	4680	Engraved
2	(4000) Psi	17	6	2021	6Diax12	14.4	28.28	56	4440	Engraved
3	(4000) Psi	17	6	2021	6Diax12	14.6	28.28	58	4600	Engraved
4										
5										
6										
7										
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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"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

1435
Dr. Aqsa

To: Mr. Abdul Ghafar (Project Manager)
M/s Liberty Builders (Pvt.) Ltd. Lahore.
Project: Construction of Zee Avenue-Ramada Hotel & Suites 17-A Cooper Road, Lahore.

Our Ref. No. CL/CED/ 4115 Dated: 24-06-21

Your Ref. No. CFRP-CCT/UR/20210622 Dated: 22-06-21

COMPRESSION TEST REPORT

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

Specimens received on: 22-06-21 Tested on: 24-06-21 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	1 (3-Wraps)	21	4	2021	6Diax12	14	28.28	151	11960	Non Engraved
2	2 (3-Wraps)	21	4	2021	6Diax12	14.4	28.28	182	14420	Non Engraved
3	3 (3-Wraps)	21	4	2021	6Diax12	14.8	28.28	153	12120	Non Engraved
4										
5										
6										
7										
8										
9										
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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 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

1435
Dr. Aqsa

To: Mr. Abdul Ghafar (Project Manager)
M/s Liberty Builders (Pvt.) Ltd. Lahore.
Project: Construction of Zee Avenue-Ramada Hotel & Suites 17-A Cooper Road, Lahore.

Our Ref. No. CL/CED/ 4116 Dated: 24-06-21

Your Ref. No. CFRP-CCT/UR/20210622-
A Dated: 22-06-21

COMPRESSION TEST REPORT

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

Specimens received on: 22-06-21 Tested on: 24-06-21 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	1 (2-Wraps)	21	4	2021	6Diax12	14	28.28	126	9980	Non Engraved
2	2 (2-Wraps)	21	4	2021	6Diax12	14	28.28	129	10220	Non Engraved
3	3 (2-Wraps)	21	4	2021	6Diax12	14	28.28	124	9830	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/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

1435
Dr. Aqsa

To: Mr. Abdul Ghafar (Project Manager)
M/s Liberty Builders (Pvt.) Ltd. Lahore.
Project: Construction of Zee Avenue-Ramada Hotel & Suites 17-A Cooper Road, Lahore.

Our Ref. No. CL/CED/ 4117 Dated: 24-06-21

Your Ref. No. CCT/UET-/20210622-B Dated: 22-06-21

COMPRESSION TEST REPORT

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

Specimens received on: 22-06-21 Tested on: 24-06-21 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	3282 (Un- Wrapped)	21	4	2021	6Diax12	13.8	28.28	89	7050	Non Engraved
2	3283 (Un- Wrapped)	21	4	2021	6Diax12	13.4	28.28	59	4680	Non Engraved
3	3284 (Un- Wrapped)	21	4	2021	6Diax12	14	28.28	75	5950	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