



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

1581
Dr. Waseem

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

Our Ref. No. CL/CED/ 4355 Dated: 16-07-21

Your Ref. No. TRM/Lab/00228-21 Dated: 15-07-21

COMPRESSION TEST REPORT

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

Specimens received on: 15-07-2021. Tested on: 15-07-21 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	17	6	2021	6Diax12	14.6	28.28	67	5310	Engraved
2	(4000) Psi	17	6	2021	6Diax12	14	28.28	67	5310	Engraved
3	(4000) Psi	17	6	2021	6Diax12	14.5	28.28	66	5230	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" diax12" cylinder) strength at 28 days as compressive strength

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

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

supervisor(lab)

Director/Dy. Director Concrete Laboratory



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1580

Dr. Waseem

To: Mr. Shakeel Ahmed (Project Manager)
M/s CONDRILL (Pvt.) Ltd. Lahore.
Project: TNS Beacon House 23/E-2, Gulberg III, Lahore-Protection Piling Work

Our Ref. No. CL/CED/ 4356 Dated: 16-07-21

Your Ref. No. 33-B/26/8674 Dated: 15-07-21

COMPRESSION TEST REPORT

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

Specimens received on: 15-07-2021. Tested on: 15-07-21 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	8	7	2021	6Diax12	14	28.28	27	2140	Engraved
2	(4000) Psi	8	7	2021	6Diax12	14.2	28.28	25	1980	Engraved
3	(4000) Psi	17	6	2021	6Diax12	14.2	28.28	35	2780	Engraved
4	(4000) Psi	17	6	2021	6Diax12	14.4	28.28	45	3570	Engraved
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1492

Dr. Umbreen

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

Our Ref. No. CL/CED/ 4357 Dated: 16-07-21

Your Ref. No. QLC-BO-BH2-2021-051 Dated: 29-06-21

COMPRESSION TEST REPORT

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

Specimens received on: 29-06-2021. Tested on: 13-06-21 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	1st Floor Column (3750) Psi	30	5	2021	6Diax12	14	28.28	48	3810	Non Engraved
2	1st Floor Column (3750) Psi	30	5	2021	6Diax12	13	28.28	50	3960	Non Engraved
3	1st Floor Column (3750) Psi	30	5	2021	6Diax12	13.2	28.28	47	3730	Non Engraved
4	1st Floor Column (3750) Psi	31	5	2021	6Diax12	13	28.28	52	4120	Non Engraved
5	1st Floor Column (3750) Psi	31	5	2021	6Diax12	13	28.28	46	3650	Non Engraved
6	1st Floor Column (3750) Psi	31	5	2021	6Diax12	13.6	28.28	53	4200	Non Engraved
7	1st Floor Column (3750) Psi	1	6	2021	6Diax12	13.2	28.28	54	4280	Non Engraved
8	1st Floor Column (3750) Psi	1	6	2021	6Diax12	13.4	28.28	48	3810	Non Engraved
9	1st Floor Column (3750) Psi	1	6	2021	6Diax12	13.2	28.28	50	3960	Non Engraved
10										
11										
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16										

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

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

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

supervisor(lab)

Director/Dy. Director Concrete Laboratory



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1559

Dr. Umbreen

To: **Project Manager**

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

Project: Construction of Broadway Heights-3 Bahria Town Lahore.

Our Ref. No. CL/CED/ 4358 Dated: 16-07-21

Your Ref. No. QLC-BO-BH2-2021-53 Dated: 11-07-21

COMPRESSION TEST REPORT

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

Specimens received on: 12-07-2021. Tested on: 14-07-21 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 Lift Wall(3750) Psi	7	5	2021	6Diax12	14	28.28	49	3890	Non Engraved
2	First Floor Lift Wall(3750) Psi	7	5	2021	6Diax12	13.4	28.28	50	3960	Non Engraved
3	First Floor Lift Wall(3750) Psi	7	5	2021	6Diax12	14	28.28	47	3730	Non Engraved
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*** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength

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

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

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1491

Dr. Umbreen

To: **Project Manager**

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

Project: Construction of Jasmine Grand Mall Bahria Town Lahore.

Our Ref. No. CL/CED/ 4359 Dated: 16-07-21

Your Ref. No. QLC-BO-BH2-2021-052 Dated: 11-07-21

COMPRESSION TEST REPORT

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

Specimens received on: 29-06-2021. Tested on: 13-07-21 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	26	5	2021	6Diax12	13.6	28.28	51	4040	Non Engraved
2	Footing Beam (3000) Psi	26	5	2021	6Diax12	13.2	28.28	45	3570	Non Engraved
3	Footing Beam (3000) Psi	26	5	2021	6Diax12	13.4	28.28	45	3570	Non Engraved
4	Footing Beam (3000) Psi	15	6	2021	6Diax12	14	28.28	35	2780	Non Engraved
5	Footing Beam (3000) Psi	15	6	2021	6Diax12	14	28.28	33	2620	Non Engraved
6	Footing Beam (3000) Psi	30	5	2021	6Diax12	14	28.28	35	2780	Non Engraved
7	Footing Beam (3000) Psi	30	5	2021	6Diax12	13.6	28.28	37	2940	Non Engraved
8	Footing Beam (3000) Psi	30	5	2021	6Diax12	13.4	28.28	41	3250	Non Engraved
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1522
Dr. Aqsa

To: Mr.Hammad Sami
M/s Salman Developers (Pvt.) Ltd. Lahore.
Project: Construction of Grand Sqaure Mall

Our Ref. No. CL/CED/ 4360 Dated: 16-07-21
Your Ref. No. Nill Dated: 06-07-21

COMPRESSION TEST REPORT

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

Specimens received on: 06-07-2021. Tested on: 15-07-21 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	(6000) Psi	27	5	2021	6Diax12	14	28.28	104	8240	Non Engraved
2	(6000) Psi	27	5	2021	6Diax12	14	28.28	118	9350	Non Engraved
3	(6000) Psi	28	5	2021	6Diax12	14	28.28	88	6970	Non Engraved
4	(6000) psi	28	5	2021	6Diax12	14.2	28.28	88	6970	Non Engraved
5	(3000) psi	28	5	2021	6Diax12	13.8	28.28	65	5150	Non Engraved
6	(3000) psi	28	5	2021	6Diax12	13.6	28.28	59	4680	Non Engraved
7	(4000) psi	27	5	2021	6Diax12	14.2	28.28	90	7130	Non Engraved
8	(4000) psi	27	5	2021	6Diax12	14	28.28	85	6740	Non Engraved
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1532

Dr. M.Yousaf

To: Resident Engineer

M/s Water Wise(Pvt.) Ltd. Karachi.

Project: Program to Uplift Supply and sanitation Infrastructure in Underdeveloped Areas of Punjab
(Part-A) Package-2 (Water Supply Network in Khattak Belt Part-1

Our Ref. No. CL/CED/ 4361 Dated: 16-07-21

Your Ref. No. WW/PHED/PKG@/RE/LT/013 Dated: 07-07-21

COMPRESSION TEST REPORT

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

Specimens received on: 07-07-2021. Tested on: 16-07-21 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	777		8.6x4.0x2.7	2350	34.4	39	2540	
2	777		8.4x4.0x2.5	2471	33.6	50	3340	
3	777		8.2x4.0x2.5	2331	33.6	63	4200	
4	777		8.1x4.0x2.6	2371	32.4	33	2290	
5	777		8.4x4.0x2.7	2329	39	39	2240	
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Phone Nos. 042-99029202, 042-99029217

1594
Dr. M.Yousaf

To: Mr.Faisal Hussain (Material Engineer)
M/s TETRA Engineering (Pvt.) Ltd. Lahore.
Project: TNS Beacon House 23/E-2 Gulgerg III Lahore.

Our Ref. No. CL/CED/ 4362 Dated: 16-07-21

Your Ref. No. TRM/Lab/00229-21 Dated: 16-07-21

COMPRESSION TEST REPORT

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

Specimens received on: 16-07-2021. Tested on: 16-07-21 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	17	6	2021	6Diax12	14.2	28.28	69	5470	Engraved
2	(4000) Psi	17	6	2021	6Diax12	13.2	28.28	66	5230	Engraved
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Director/Dy. Director Concrete Laboratory



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1594

Dr. M.Yousaf

To: Mr.Faisal Hussain (Material Engineer)
M/s TETRA Engineering (Pvt.) Ltd. Lahore.
Project: TNS Beacon House 23/E-2 Gulgerg III Lahore.

Our Ref. No. CL/CED/ 4363 Dated: 16-07-21

Your Ref. No. TRM/Lab/00230-21 Dated: 16-07-21

COMPRESSION TEST REPORT

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

Specimens received on: 16-07-2021. Tested on: 16-07-21 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	8	7	2021	6Diax12	13.6	28.28	45	3570	Engraved
2	(4000) Psi	8	7	2021	6Diax12	14.2	28.28	45	3570	Engraved
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