



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

8851

Engr.Ubaid Ahmed

To: Imtiaz Ahmad (Project Manager)
A.S. Enterprises Engineers & Contractors, Karachi
Project: Style Textile Mills

Our Ref. No. CL/CED/ 8572 Dated: 22-07-19

Your Ref. No. USD/ASE/09 Dated: 02-07-19

COMPRESSION TEST REPORT

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

Specimens received on: 02-07-19 Tested on: 19-07-19 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	(Beam) C30	25	6	2019	6x6x6	7.2	36	88	5480	Non Engraved
2	(Beam) C30	25	6	2019	6x6x6	7	36	88	5480	Non Engraved
3	(Beam) C30	25	6	2019	6x6x6	7	36	85	5290	Non Engraved
4	(Beams+Slab) C20	25	6	2019	6x6x6	7.4	36	71	4420	Non Engraved
5	(Beams+Slab) C20	25	6	2019	6x6x6	7	36	68	4240	Non Engraved
6	(Beams+Slab) C20	25	6	2019	6x6x6	7.2	36	69	4300	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
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Phone Nos. 042-99029202, 042-99029217

8884
Dr. Aqsa

To: M. Kashif Mufty (D.G.M Civil)
Nishat Hotels and Properties Ltd., Lahore
Project: Nishat NBH Gulberg Lhr

Our Ref. No. CL/CED/ 8573 Dated: 22-07-19

Your Ref. No. NHPL/NBH/ITFQ/CONC/04 Dated: 04-07-19

COMPRESSION TEST REPORT

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

Specimens received on: 08-07-19 Tested on: 18-07-19 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	22	6	2019	6Diax12	13	28.28	26	2060	Non Engraved
2	3rd Floor Slab	22	6	2019	6Diax12	12.2	28.28	23	1830	Non Engraved
3	3rd Floor Slab	22	6	2019	6Diax12	13	28.28	31	2460	Non Engraved
4	5th Floor Slab	28	6	2019	6Diax12	12.2	28.28	40	3170	Non Engraved
5	5th Floor Slab	28	6	2019	6Diax12	12.6	28.28	35	2780	Non Engraved
6	4th Floor Columns	23	6	2019	6Diax12	12.2	28.28	47	3730	Non Engraved
7	4th Floor Columns	23	6	2019	6Diax12	12.4	28.28	44	3490	Non Engraved
8	4th Floor Columns	23	6	2019	6Diax12	12.4	28.28	55	4360	Non Engraved
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Department of Civil Engineering
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Phone Nos. 042-99029202, 042-99029217

8888

Dr. Umbreen

To: Abdul Rauf Saqib (Manager Projects)
Ittefaq Construction Services, Lahore
Project: Construction of Suzuki Showroom at Township Lahore

Our Ref. No. CL/CED/ 8574 Dated: 22-07-19

Your Ref. No. ICS/S.S/02 Dated: 09-07-19

COMPRESSION TEST REPORT

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

Specimens received on: 09-07-19 Tested on: 17-07-19 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	R-Wall (4000 Psi)	14	6	2019	6Diax12	12.4	28.28	29	2300	Non Engraved
2	R-Wall (4000 Psi)	14	6	2019	6Diax12	12.4	28.28	53	4200	Non Engraved
3	R-Wall (4000 Psi)	14	6	2019	6Diax12	12	28.28	29	2300	Non Engraved
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Department of Civil Engineering
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Phone Nos. 042-99029202, 042-99029217

8888
Dr. Umbreen

To: Abdul Rauf Saqib (Manager Projects)
Ittefaq Construction Services, Lahore
Project: Construction of Suzuki Showroom at Township Lahore

Our Ref. No. CL/CED/ 8575 Dated: 22-07-19
Your Ref. No. ICS/S.S/02 Dated: 09-07-19

COMPRESSION TEST REPORT

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

Specimens received on: 09-07-19 Tested on: 17-07-19 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	R-Wall (4000 Psi)	27	6	2019	6Diax12	12.6	28.28	51	4040	Non Engraved
2	R-Wall (4000 Psi)	27	6	2019	6Diax12	12.4	28.28	49	3890	Non Engraved
3	R-Wall (4000 Psi)	27	6	2019	6Diax12	12.2	28.28	51	4040	Non Engraved
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Phone Nos. 042-99029202, 042-99029217

8888

Dr. Umbreen

To: Abdul Rauf Saqib (Manager Projects)
Ittefaq Construction Services, Lahore
Project: Construction of Suzuki Showroom at Township Lahore

Our Ref. No. CL/CED/ 8576 Dated: 22-07-19

Your Ref. No. ICS/S.S/02 Dated: 09-07-19

COMPRESSION TEST REPORT

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

Specimens received on: 09-07-19 Tested on: 17-07-19 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 (3000 Psi)	24	6	2019	6Diax12	12.4	28.28	29	2300	Non Engraved
2	Raft (3000 Psi)	24	6	2019	6Diax12	12	28.28	31	2460	Non Engraved
3	Raft (3000 Psi)	24	6	2019	6Diax12	12.2	28.28	35	2780	Non Engraved
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Phone Nos. 042-99029202, 042-99029217

8893

Dr. Umbreen

To: Engr. Sajid Khawaja (Manager Civil)
Orient Electronics (Pvt.) Ltd., Lahore
Project: Hotel Tower FTC Johar Town-Lahore

Our Ref. No. CL/CED/ 8577 Dated: 22-07-19

Your Ref. No. ICPL/HotelTower/Concrete/003 Dated: 09-07-19

COMPRESSION TEST REPORT

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

Specimens received on: 09-07-19 Tested on: 17-07-19 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	14	6	2019	6Diax12	13	28.28	67	5310	Non Engraved
2	4000 Psi	14	6	2019	6Diax12	13	28.28	71	5630	Non Engraved
3	4000 Psi	14	6	2019	6Diax12	13	28.28	71	5630	Non Engraved
4	4000 Psi	14	6	2019	6Diax12	13	28.28	75	5950	Non Engraved
5	4000 Psi	14	6	2019	6Diax12	13	28.28	71	5630	Non Engraved
6	4000 Psi	14	6	2019	6Diax12	13	28.28	71	5630	Non Engraved
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8894
Dr. Aqsa

To: Shaizad Munir (Resident Engineer)
G3 Engineering Consultants (Pvt.) Ltd. Lahore
Project: Constt. of the Cantonment Board Medical College Near Old CGH Sarfraz Rafiqui Road, Lahore Cantt.

Our Ref. No. CL/CED/ 8578 Dated: 22-07-19

Your Ref. No. G3/224/RE-33 Dated: 08-07-19

COMPRESSION TEST REPORT

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

Specimens received on: 09-07-19 Tested on: 18-07-19 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	G. F. Columns	29	6	2019	6Diax12	12	28.28	29	2300	Non Engraved
2	G. F. Columns	29	6	2019	6Diax12	12.4	28.28	35	2780	Non Engraved
3	G. F. Columns	29	6	2019	6Diax12	12	28.28	27	2140	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

8894

Dr. Aqsa

To: **Shaizad Munir (Resident Engineer)**

G3 Engineering Consultants (Pvt.) Ltd. Lahore

Project: Constt. of the Cantonment Board Medical College Near Old CGH Sarfraz Rafiqui Road, Lahore Cantt.

Our Ref. No. CL/CED/

8579

Dated:

22-07-19

Your Ref. No.

G3/224/RE-34

Dated:

08-07-19

COMPRESSION TEST REPORT

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

Specimens received on:

09-07-19

Tested on:

18-07-19

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	Plinth Beam Zone3	12	6	2019	6Diax12	12.4	28.28	39	3090	Non Engraved
2	Plinth Beam Zone3	12	6	2019	6Diax12	13	28.28	63	5000	Non Engraved
3	Plinth Beam Zone3	12	6	2019	6Diax12	13	28.28	55	4360	Non Engraved
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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

8894
Dr. Aqsa

To: Shaizad Munir (Resident Engineer)
G3 Engineering Consultants (Pvt.) Ltd. Lahore
Project: Constt. of the Cantonment Board Medical College Near Old CGH Sarfraz Rafiqui Road, Lahore Cantt

Our Ref. No. CL/CED/ 8580 Dated: 22-07-19

Your Ref. No. G3/224/RE-32 Dated: 08-07-19

COMPRESSION TEST REPORT

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

Specimens received on: 09-07-19 Tested on: 18-07-19 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	Plinth Beam Zone2	1	7	2019	6Diax12	12.4	28.28	35	2780	Non Engraved
2	Plinth Beam Zone2	1	7	2019	6Diax12	12.2	28.28	31	2460	Non Engraved
3	Plinth Beam Zone2	1	7	2019	6Diax12	12	28.28	33	2620	Non Engraved
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Phone Nos. 042-99029202, 042-99029217

8727

Dr. Umbreen

To: **Sub Divisional Officer**

Public Health Engineering Sub Division, Taunsa.

Project: Constt. of Manholes for Comprehensive Sewerage/Drainage Scheme Taunsa Including Tuff Tilling by M/s Ipmreza

Our Ref. No. CL/CED/

8581

Dated:

22-07-19

Your Ref. No.

(27/3)

Dated:

30-04-19

COMPRESSION TEST REPORT

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

Specimens received on:

31-05-19

Tested on:

17-07-19

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	SR			3403	8.9x4.3x3	3130	38.27	35	2050	8.02
2	SR			3430	8.8x4.3x3.1	2993	37.84	47	2790	7.84
3	SR			3515	8.9x4.4x3	2990	39.16	59	3380	14.93
4	SR			3300	8.8x4.3x3	2994	37.84	47	2790	9.27
5	SR			3505	8.8x4.4x3.1	3020	38.72	45	2610	13.83
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supervisor(lab)

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

8833

To: **Mr. Muhammad Shafiq, Engineer's Representative**
NESPAK (Pvt) Ltd. Construction Management Division. (M/s ZKB Reliable (JV) Construction Company)
Project: (Pkg 1), Constt. Of Entrance Gate, Security Road, Boundary Wall and Watch Towers Knowledge Park

Dr. M. Yousaf

Our Ref. No. CL/CED/ 8582 Dated: 22-07-19

Your Ref. No. 3957/13/MS/10/195 Dated: 16-05-19

COMPRESSION TEST REPORT

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

Specimens received on: 27-06-19 Tested on: 22-07-19 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	R1			3028	8.9x4.4x2.8	2728	39.16	60	3440	9.9
2	R1			3019	8.9x4.3x2.8	2710	38.27	58	3400	10.23
3	R1			3368	9.0x4.4x2.9	2890	39.6	36	2040	14.18
4	R1			3064	8.9x4.4x2.8	2720	39.16	55	3150	11.22
5	R1			3100	8.9x4.4x2.8	2726	39.16	48	2750	12.06
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The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients). The test results are recommended to be interpreted in the light of above factors by the engineer.

supervisor(lab)

Director/Dy. Director Concrete Laboratory