



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

9945

Dr. Aqsa

To: **Muhammad Aleem (Maintenance Engineer-1)**

University of the Punjab, Lahore

Project: (1) Constt. of Concrete Passage in Deptt. of ICET at QAC. (2) P/L Tuff Tiles From J-37 House to I-1 House in b/w Ghand J Type Houses Rd in Colony Area at QAC. (3) Constt. of Tuff Tiles Passage Rd for IBA

Our Ref. No. CL/CED/

9886

Dated:

19-02-20

Your Ref. No.

D/5500/ME-1

Dated:

13-02-20

COMPRESSION TEST REPORT

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

Specimens received on: 13-02-20 Tested on: 18-02-20 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	I-Section Grey		2.3 Thick	3878	41.14	189	10300	
2	I-Section Grey		2.3 Thick	3880	41.14	194	10570	
3	I-Section Grey		2.3 Thick	3883	41.14	160	8720	
4	I-Section Grey		2.3 Thick	3879	41.14	151	8230	
5	I-Section Grey		2.3 Thick	3875	41.14	159	8660	
6	I-Section Grey		2.3 Thick	3879	41.14	158	8610	
7	I-Section Red		2.3 Thick	3890	41.14	171	9320	
8	I-Section Red		2.3 Thick	3860	41.14	167	9100	
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14								
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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



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Department of Civil Engineering

University of Engineering and Technology, Lahore

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University of the Punjab, Lahore

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Our Ref. No. CL/CED/ 9887 Dated: 19-02-20

Your Ref. No. D/5501/ME-1 Dated: 13-02-20

COMPRESSION TEST REPORT

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

Specimens received on: 13-02-20 Tested on: 18-02-20 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	Rectangular Grey		7.8x3.8x2.3	2592	29.64	104	7860	
2	Rectangular Grey		7.8x3.8x2.3	2570	29.64	126	9530	
3	Rectangular Grey		7.8x3.8x2.3	2496	29.64	130	9830	
4	Rectangular Grey		7.8x3.8x2.3	2561	29.64	123	9300	
5	Rectangular Grey		7.8x3.8x2.3	2573	29.64	132	9980	
6	Rectangular Grey		7.8x3.8x2.3	2598	29.64	117	8850	
7	Rectangular Red		7.8x3.8x2.3	2611	29.64	129	9750	
8	Rectangular Red		7.8x3.8x2.3	2597	29.64	121	9150	
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9946
Dr. Aqsa

To: **Engr. Asif jah (Executive Engineer Tamirat)**

Anjuman Himayat-I-Islam 119 Multan Road Lahore

Project: Construction of 2nd Storey of D-Plaza at Al-Mumtaz Road Road Dar-ul Shafqat for Boys, Lahore

Our Ref. No. CL/CED/ 9888 Dated: 19-02-20

Your Ref. No. AHI/TM.952 Dated: 12-02-20

COMPRESSION TEST REPORT

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

Specimens received on: 13-02-20 Tested on: 18-02-20 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	Columns	12	1	2020	6x6x6	8.6	36	56	3490	Non Engraved
2	Columns	12	1	2020	6x6x6	8.8	36	64	3990	Non Engraved
3										
4										
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9949
Dr. Aqsa

To: Mohsin Ali (Senior Site Engineer)
AF Builders, Lahore
Project: Shop at West Canal Filing Station Faisalabad

Our Ref. No. CL/CED/ 9889 Dated: 19-02-20
Your Ref. No. Nil Dated: 13-02-20

COMPRESSION TEST REPORT

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

Specimens received on: 13-02-20 Tested on: 18-02-20 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
		Mo	Da	Yr						
1	Roof	5	2	2020	6x6x6	8.4	36	44	2740	Engraved
2	Roof	5	2	2020	6x6x6	8.6	36	43	2680	Engraved
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Department of Civil Engineering
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Phone Nos. 042-99029202, 042-99029217

To: **M. Shoaib Khan**
Ozone Construction Chemicals Pvt. Ltd. Lahore
Project: Nil

9847
Dr. Umbreen

Our Ref. No. CL/CED/ 9890 Dated: 19-02-20
Your Ref. No. 1702/GRT/28 Dated: 23-01-20

COMPRESSION TEST REPORT

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

Specimens received on: 23-01-20 Tested on: 17-02-20 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	Ozone Grout-Ns	18	1	2020	4x4x4	2419	16	75	10500	
2	Ozone Grout-Ns	18	1	2020	4x4x4	2401	16	67	9380	
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9864

To: Lt. Col. Javaid Akbar (Retd.), Project Manager

Engr. Abdul Rehman

Typsa-Asian Consulting Engineers (JV)

Project: Passenger Terminal Building Expansion at Allama Iqbal International Airport (AllAP), Lahore
Pakistan-Package: Car Parking Area (Lot No. 01)

Our Ref. No. CL/CED/ 9891 Dated: 19-02-20

Your Ref. No. Typsa-PK-3059-20 Dated: 20-01-20

COMPRESSION TEST REPORT

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

Specimens received on: 28-01-20 Tested on: 19-02-20 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	Rectangular Grey		7.8x3.9x2.3	2739	30.42	116	8550	
2	Rectangular Grey		7.8x3.9x2.3	2601	30.42	109	8030	
3	Rectangular Grey		7.8x3.9x2.3	2740	30.42	119	8770	
4	Rectangular Grey		7.8x3.9x2.3	2765	30.42	106	7810	
5	Rectangular Grey		7.8x3.9x2.3	2703	30.42	104	7660	
6	Rectangular Grey		7.8x3.9x2.3	2685	30.42	110	8100	
7	Rectangular Grey		7.8x3.9x2.3	2808	30.42	71	5230	
8	Rectangular Grey		7.8x3.9x2.3	2775	30.42	110	8100	
9	Rectangular Grey		7.8x3.9x2.3	2805	30.42	111	8180	
10	Rectangular Grey		7.8x3.9x2.3	2649	30.42	104	7660	
11	Rectangular Grey		7.8x3.9x2.3	2781	30.42	110	8100	
12	Rectangular Grey		7.8x3.9x2.3	2679	30.42	104	7660	
13								
14								
15								
16								

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supervisor(lab)

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Department of Civil Engineering

University of Engineering and Technology, Lahore

Phone Nos. 042-99029202, 042-99029217

9900

To: Archt. Kalim A. Siddiqui (Chief Executive)

Engr. Abdul Rehman

KS & Associates, Lahore

Project: Setting Up of New Branch of MCB Bank & Regional Office at Muzaffargarh

Our Ref. No. CL/CED/ 9892 Dated: 19-02-20

Your Ref. No. KSA/MCB-MZFG/18/JN-21 Dated: 30-01-20

COMPRESSION TEST REPORT

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

Specimens received on: 04-02-20 Tested on: 19-02-20 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	Slab	22	10	2019	6Diax12	13.4	28.28	13	1030	Engraved
2	Slab	22	10	2019	6Diax12	13.4	28.28	15	1190	Engraved
3	Slab	22	10	2019	6Diax12	13.4	28.28	55	4360	Non Engraved
4	Slab	22	10	2019	6Diax12	13.6	28.28	63	4990	Non Engraved
5										
6										
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8										
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10										
11										
12										
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14										
15										
16										

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

9900

To: **Archt. Kalim A. Siddiqui (Chief Executive)**

Engr. Abdul Rehman

KS & Associates, Lahore

Project: Setting Up of New Branch of MCB Bank & Regional Office at Muzaffargarh

Our Ref. No. CL/CED/ 9893 Dated: 19-02-20

Your Ref. No. KSA/MCB-MZFG/18/JN-22 Dated: 30-01-20

COMPRESSION TEST REPORT

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

Specimens received on: 04-02-20 Tested on: 19-02-20 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	Column	26	10	2019	6Diax12	14	28.28	40	3170	Engraved
2	Column	26	10	2019	6Diax12	13.4	28.28	31	2460	Non Engraved
3										
4										
5										
6										
7										
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Department of Civil Engineering

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Phone Nos. 042-99029202, 042-99029217

9940

To: Adnan Jamil (Resident Engineer)

Engr. Abdul Rehman

Amad Anwar & Partners, Lahore

Project: RCC Second Floor Slab of CCA Phase-V, DHA Lahore

Our Ref. No. CL/CED/

9894

Dated:

19-02-20

Your Ref. No.

Nil

Dated:

12-02-20

COMPRESSION TEST REPORT

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

Specimens received on: 12-02-20 Tested on: 19-02-20 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	15	1	2020	6Diax12	14	28.28	54	4280	Non Engraved
2	3000 Psi	15	1	2020	6Diax12	14	28.28	87	6900	Non Engraved
3	3000 Psi	15	1	2020	6Diax12	14	28.28	55	4360	Non Engraved
4										
5										
6										
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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

9952

To: **H. Development Construction**

Engr. Abdul Rehman

4-Babar Block, Main Boulevard, Garden Town, Lahore

Project: H. Development Construction, 4-Babar Block, Main Boulevard, Garden Town, Lahore

Our Ref. No. CL/CED/ 9895 Dated: 19-02-20

Your Ref. No. Nil Dated: 14-02-20

COMPRESSION TEST REPORT

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

Specimens received on: 14-02-20 Tested on: 19-02-20 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	21	1	2020	6Diax12	14.2	28.28	65	5150	Engraved
2	3750 Psi	21	1	2020	6Diax12	14.2	28.28	57	4520	Engraved
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										

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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

9952

To: **H. Development Construction**

Engr. Abdul Rehman

4-Babar Block, Main Boulevard, Garden Town, Lahore

Project: H. Development Construction, 4-Babar Block, Main Boulevard, Garden Town, Lahore

Our Ref. No. CL/CED/ 9896 Dated: 19-02-20

Your Ref. No. Nil Dated: 14-02-20

COMPRESSION TEST REPORT

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

Specimens received on: 14-02-20 Tested on: 19-02-20 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	5500 Psi	11	1	2020	6Diax12	14.4	28.28	85	6740	Engraved
2	5500 Psi	11	1	2020	6Diax12	14.4	28.28	84	6660	Engraved
3										
4										
5										
6										
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9952

To: **H. Development Construction**

Engr. Abdul Rehman

4-Babar Block, Main Boulevard, Garden Town, Lahore

Project: H. Development Construction, 4-Babar Block, Main Boulevard, Garden Town, Lahore

Our Ref. No. CL/CED/ 9897 Dated: 19-02-20

Your Ref. No. Nil Dated: 14-02-20

COMPRESSION TEST REPORT

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

Specimens received on: 14-02-20 Tested on: 19-02-20 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	21	1	2020	6Diax12	14.2	28.28	65	5150	Non Engraved
2	3750 Psi	21	1	2020	6Diax12	14.4	28.28	65	5150	Non Engraved
3	3750 Psi	21	1	2020	6Diax12	14	28.28	65	5150	Non Engraved
4	3750 Psi	21	1	2020	6Diax12	14.2	28.28	67	5310	Non Engraved
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"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

9972
Dr. Aqsa

To: Major Sibghat Ullah Dar (Officer Commanding)
204 Independent Composite Bridge Company Engineers Gujranwala Cantonment
Project: Nil

Our Ref. No. CL/CED/ 9898 Dated: 19-02-20

Your Ref. No. 401/A Dated: 19-02-20

COMPRESSION TEST REPORT

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

Specimens received on: 19-02-20 Tested on: 19-02-20 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	Rectangular Grey		7.8x3.9x2.3	2776	30.42	35	2580	
2	Rectangular Grey		7.8x3.9x2.3	2651	30.42	44	3240	
3								
4								
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16								

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