



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

To: **Shahram Raza Bakhtiari**
493-X, St # 13, Phase-3 DHA, Lahore.
Project: Plot No. 257-B, Phase-5, DHA Lahore.

8439
Dr. Aqsa

Our Ref. No. CL/CED/ 8247 Dated: 29-05-19
Your Ref. No. Nil Dated: 11-04-19

COMPRESSION TEST REPORT

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

Specimens received on: 11-04-19 Tested on: 23-05-19 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	DG			3641	8.8x4.3x2.9	3311	37.84	34	2020	9.96
2	DG			3267	8.9x4.4x2.9	3380	39.16	40	2290	11.3
3	DG			3772	8.8x4.3x2.9	3319	37.84	33	1960	13.64
4	DG			3609	8.8x4.4x2.8	3280	38.72	49	2840	10.03
5	DG			3655	8.7x4.3x2.9	3296	37.41	33	1980	10.89
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Results can also be seen on website http://www.uet.edu.pk/faculties/facultiesinfo/departments?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

8439
Dr. Aqsa

To: Shahram Raza Bakhtiari
493-X, St # 13, Phase-3 DHA, Lahore.
Project: Plot No. 257-B, Phase-5, DHA Lahore.

Our Ref. No. CL/CED/ 8248 Dated: 29-05-19
Your Ref. No. Nil Dated: 11-04-19

COMPRESSION TEST REPORT

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

Specimens received on: 11-04-19 Tested on: 18-04-19 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	96			3736	8.8x4.4x2.8	3341	38.72	44	2550	11.82	
2	96			3833	8.9x4.3x2.9	3364	38.27	37	2170	13.94	
3	96			3679	8.7x4.4x2.9	3299	38.28	40	2350	11.51	
4	96			3648	8.8x4.3x2.8	3310	37.84	46	2730	10.21	
5	96			3759	8.9x4.4x2.9	3347	39.16	42	2410	12.3	
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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

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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

8630
Dr. Aqsa

To: Sub Divisional Officer
Buildings Sub Division No.9, Lahore.
Project: Constt. of Provincial Police Lines Highway Patrol at Jia Bagga Lahore.

Our Ref. No. CL/CED/ 8249 Dated: 29-05-19

Your Ref. No. 84/9th Dated: 11-05-19

COMPRESSION TEST REPORT

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

Specimens received on: 16-05-19 Tested on: 23-05-19 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	DG			3610	9.1x4.4x2.9	3186	40.04	36	2020	13.3
2	DG			3805	9.0x4.4x2.9	3305	39.6	51	2890	15.12
3	DG			3537	8.9x4.5x3.0	3123	40.05	52	2910	13.25
4	DG			3623	9.1x4.5x2.9	3147	40.95	49	2690	15.12
5	DG			3504	9.0x4.4x3.0	3265	39.6	58	3290	7.3
6	DG			3696	9.1x4.4x2.9	3295	39.6	51	2890	12.16
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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

8685
Engr. A.
Rehman

To: Abdul Ghafar, Project Manager
Liberty Builders 17-A Cooper Road, Lahore.
Project: Constt. of Zee Avenue, 17-A Cooper Road, Lahore. Zone-C, Part-1, Column.

Our Ref. No. CL/CED/ 8250 Dated: 29-05-19

Your Ref. No. CONC-20190523 Dated: 23-05-19

COMPRESSION TEST REPORT

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

Specimens received on: 23-05-19 Tested on: 28-05-19 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	634	27	4	2019	6Diax12	14.2	28.28	62	4920	Engraved
2	635	27	4	2019	6Diax12	14	28.28	45	3570	Engraved
3	636	27	4	2019	6Diax12	14	28.28	69	5470	Engraved
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**** ACI318-08 requires mean of two sample (6" dia x 12" cylinder) strength at 28 days as compressive strength

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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

8685

Dr. M. Yousaf

To: Abdul Ghafar, Project Manager
Liberty Builders 17-A Cooper Road, Lahore.
Project: Constt. of Zee Avenue, 17-A Cooper Road, Lahore. Zone-C, Part-1.

Our Ref. No. CL/CED/ 8251 Dated: 29-05-19

Your Ref. No. CONC-20190523 Dated: 23-05-19

COMPRESSION TEST REPORT

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

Specimens received on: 23-05-19 Tested on: 23-05-19 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	625	25	4	2019	6Diax12	14	28.28	26	2060	Non Engraved
2	626	25	4	2019	6Diax12	13.4	28.28	50	3970	Non Engraved
3	627	25	4	2019	6Diax12	14	28.28	38	3010	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" 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

8685

Engr. A. Rehman

To: Abdul Ghafar, Project Manager
Liberty Builders 17-A Cooper Road, Lahore.
Project: Constt. of Zee Avenue, 17-A Cooper Road, Lahore. Trail Mix (Uni Mix)

Our Ref. No. CL/CED/ 8252 Dated: 29-05-19

Your Ref. No. CONC-20190523 Dated: 23-05-19

COMPRESSION TEST REPORT

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

Specimens received on: 23-05-19 Tested on: 28-05-19 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	713	17	5	2019	6Diax12	14	28.28	65	5150	Non Engraved
2	714	17	5	2019	6Diax12	14	28.28	55	4360	Non Engraved
3	715	17	5	2019	6Diax12	14.2	28.28	69	5470	Non Engraved
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** 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

8685

To: **Abdul Ghafar, Project Manager**

Engr. A. Rehman

Liberty Builders 17-A Cooper Road, Lahore.

Project: Constt. of Zee Avenue, 17-A Cooper Road, Lahore. Zone-A 2nd F.Column, Part-1 Column.

Our Ref. No. CL/CED/ 8253 Dated: 29-05-19

Your Ref. No. CONC-20190523 Dated: 23-05-19

COMPRESSION TEST REPORT

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

Specimens received on: 23-05-19 Tested on: 28-05-19 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	724	17	5	2019	6Diax12	14	28.28	58	4600	Non Engraved
2	725	17	5	2019	6Diax12	14	28.28	56	4440	Non Engraved
3	726	17	5	2019	6Diax12	14.2	28.28	61	4840	Non Engraved
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* 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

8706

Engr. A. Rehman

To: Abdul Ghafar, Project Manager
Liberty Builders 17-A Cooper Road, Lahore.
Project: Constt. of Zee Avenue, 17-A Cooper Road, Lahore. Raft Zone-C, Part 1.

Our Ref. No. CL/CED/ 8254 Dated: 29-05-19

Your Ref. No. CONC-20190528 Dated: 28-05-19

COMPRESSION TEST REPORT

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

Specimens received on: 28-05-19 Tested on: 28-05-19 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	587	18	4	2019	6Diax12	14	28.28	72	5710	Non Engraved
2	588	18	4	2019	6Diax12	14	28.28	36	2860	Non Engraved
3	589	18	4	2019	6Diax12	14	28.28	75	5950	Non Engraved
4	599	19	4	2019	6Diax12	14	28.28	78	6180	Non Engraved
5	600	19	4	2019	6Diax12	13.9	28.28	62	4920	Non Engraved
6	601	19	4	2019	6Diax12	13.9	28.28	69	5470	Non Engraved
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* as engraved on the specimens (if any)

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

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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

8707

To: **Abdul Ghafar, Project Manager**

Engr. Aamina

Liberty Builders 17-A Cooper Road, Lahore.

Project: Constt. of Zee Avenue, 17-A Cooper Road, Lahore. RW Zone-C Part-1, Zone-A, 2nd F. Column.

Our Ref. No. CL/CED/ 8255 Dated: 29-05-19

Your Ref. No. CONC-20190528 Dated: 28-05-19

COMPRESSION TEST REPORT

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

Specimens received on: 28-05-19 Tested on: 28-05-19 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	625	25	4	2019	6Diax12	14	28.28	52	4120	Non Engraved
2	626	25	4	2019	6Diax12	14	28.28	51	4040	Non Engraved
3	627	25	4	2019	6Diax12	14	28.28	55	4360	Non Engraved
4	685	10	5	2019	6Diax12	14	28.28	91	7210	Non Engraved
5	686	10	5	2019	6Diax12	14	28.28	106	8400	Non Engraved
6	687	10	5	2019	6Diax12	14	28.28	109	8640	Non Engraved
7	695	12	5	2019	6Diax12	14	28.28	100	7930	Non Engraved
8	696	12	5	2019	6Diax12	14	28.28	63	5000	Non Engraved
9	697	12	5	2019	6Diax12	13.9	28.28	77	6100	Non Engraved
End	---	---	---	---	---	---	---	---	---	---
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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

8707
Engr. Aamina

To: Abdul Ghafar, Project Manager
Liberty Builders 17-A Cooper Road, Lahore.
Project: Constt. of Zee Avenue, 17-A Cooper Road, Lahore. Trial Mix (Strong Mix)

Our Ref. No. CL/CED/ 8256 Dated: 29-05-19
Your Ref. No. CONC-20190524 Dated: 24-05-19

COMPRESSION TEST REPORT

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

Specimens received on: 28-05-19 Tested on: 28-05-19 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	640	29	4	2019	6Diax12	14.2	28.28	53	4200	Non Engraved
2	641	29	4	2019	6Diax12	14	28.28	63	5000	Non Engraved
3	642	29	4	2019	6Diax12	14.2	28.28	55	4360	Non Engraved
4	652	29	4	2019	6Diax12	14.2	28.28	76	6020	Non Engraved
5	653	29	4	2019	6Diax12	14.2	28.28	71	5630	Non Engraved
6	654	29	4	2019	6Diax12	14.2	28.28	70	5550	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

8669

To: Muhammad Tufail, Construction Team Leader Lahore Office.
Zor Engineers Pvt. Ltd. 30-Q Block, Model Town, Lahore.
Project: Care Channel High School

Dr. M. Yousaf

Our Ref. No. CL/CED/ 8257 Dated: 29-05-19

Your Ref. No. 230.32.1/MT/6 Dated: 21-05-19

COMPRESSION TEST REPORT

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

Specimens received on: 21-05-19 Tested on: 22-05-19 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	2nd F. Roof Slab	3	5	2019	6x6x6	8	36	42	2620	Engraved
2	2nd F. Roof Slab	3	5	2019	6x6x6	8	36	38	2370	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

8697

Engr. Aamina

To: **Sub Divisional Officer**

P.H.Engg. Sub Division Taunsa.

Project:Compreh. Sewerage/Drain. Scheme Taunsa Sharif.(M/S Impreza Construction (Pvt) Ltd.)

Our Ref. No. CL/CED/ 8258 Dated: 29-05-19

Your Ref. No. 27 Dated: 24-05-19

COMPRESSION TEST REPORT

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

Specimens received on: 27-05-19 Tested on: 28-05-19 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				7.9x4.0x2.3	2691	31.6	61	4330	
2	Rectangular Grey				7.9x4.0x2.3	2539	31.6	53	3760	
3	Rectangular Grey				7.9x4.0x2.3	2526	31.6	58	4120	
4	Rectangular Red				7.8x3.9x2.3	2589	30.42	43	3170	
5	Rectangular Red				7.8x3.9x2.3	2739	30.42	60	4420	
6	Rectangular Red				7.8x3.9x2.3	2686	30.42	63	4640	
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Results can also be seen on website http://www.uet.edu.pk/faculties/facultiesinfo/departments?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

To: **Cantonment Executive Officer**
Cantonment Board Sargodha.

8709
Dr. Umbreen

Project: Construction of Tuff Tiles Starting from Shama Chowk upto Prince Cinema.

Our Ref. No. CL/CED/ 8259 Dated: 29-05-19

Your Ref. No. SC/Engg/CBS/241 Dated: 16-04-19

COMPRESSION TEST REPORT

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

Specimens received on: 29-05-19 Tested on: 29-05-19 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				7.8x3.9x2.2	2721	30.42	136	10020	
2	Rectangular Grey				7.8x3.9x2.2	2690	30.42	140	10310	
3	Rectangular Grey				7.8x3.9x2.2	2727	30.42	140	10310	
4	Rectangular Grey				7.8x3.9x2.2	2719	30.42	150	11050	
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* as engraved on the specimens (if any)

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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

8641

Dr. M. Yousaf

To: Engr. Irfan Saleem Ch.
Mall of Sahiwal, Dhobi Mohalla, Sahiwal.
Project: Mall of Sahiwal at Sahiwal.

Our Ref. No. CL/CED/ 8260 Dated: 29-05-19

Your Ref. No. 1162/MOS/SWL Dated: 19-03-19

COMPRESSION TEST REPORT

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

Specimens received on: 17-05-19 Tested on: 21-05-19 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	1st Floor	8	3	2019	6Diax12	13.2	28.28	66	5230	Non Engraved
2	1st Floor	8	3	2019	6Diax12	13	28.28	65	5150	Non Engraved
3	U.G. Floor	24	2	2019	6Diax12	13	28.28	60	4760	Non Engraved
4	U.G. Floor	24	2	2019	6Diax12	13	28.28	72	5710	Non Engraved
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* 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

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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

8641

To: Engr. Irfan Saleem Ch.
Mall of Sahiwal, Dhobi Mohalla, Sahiwal.
Project: Mall of Sahiwal at Sahiwal.

Dr. M. Yousaf

Our Ref. No. CL/CED/ 8261 Dated: 29-05-19

Your Ref. No. 1164/MOS/SWL Dated: 19-03-19

COMPRESSION TEST REPORT

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

Specimens received on: 17-05-19 Tested on: 21-05-19 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	LG & G. Floor	6	2	2019	6Diax12	13	28.28	63	5000	Non Engraved
2	LG & G. Floor	6	2	2019	6Diax12	13	28.28	104	8240	Non Engraved
3	LG & G. Floor	6	2	2019	6Diax12	13	28.28	73	5790	Non Engraved
4	LG & G. Floor	6	2	2019	6Diax12	13	28.28	60	4760	Non Engraved
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* 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

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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

8641

Dr. M. Yousaf

To: Engr. Irfan Saleem Ch.
Mall of Sahiwal, Dhobi Mohalla, Sahiwal.
Project: Mall of Sahiwal at Sahiwal.

Our Ref. No. CL/CED/ 8262 Dated: 29-05-19

Your Ref. No. 1163/MOS/SWL Dated: 19-03-19

COMPRESSION TEST REPORT

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

Specimens received on: 17-05-19 Tested on: 21-05-19 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	LG Floor	8	2	2019	6Diax12	13.2	28.28	89	7050	Non Engraved
2	LG Floor	8	2	2019	6Diax12	13.2	28.28	100	7930	Non Engraved
3	LG Floor	8	2	2019	6Diax12	13	28.28	63	5000	Non Engraved
4	LG Floor	8	2	2019	6Diax12	13.4	28.28	84	6660	Non Engraved
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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

8641

Dr. M. Yousaf

To: Engr. Irfan Saleem Ch.
Mall of Sahiwal, Dhobi Mohalla, Sahiwal.
Project: Mall of Sahiwal at Sahiwal.

Our Ref. No. CL/CED/ 8263 Dated: 29-05-19

Your Ref. No. 1161/MOS/SWL Dated: 19-03-19

COMPRESSION TEST REPORT

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

Specimens received on: 17-05-19 Tested on: 21-05-19 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	1st Floor	5	3	2019	6Diax12	13	28.28	70	5550	Non Engraved
2	1st Floor	5	3	2019	6Diax12	13.2	28.28	90	7130	Non Engraved
3	U.G. Floor	20	2	2019	6Diax12	13.4	28.28	102	8080	Non Engraved
4	U.G. Floor	20	2	2019	6Diax12	13.4	28.28	73	5790	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)

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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

8672

Dr. M. Yousaf

To: Imran Akhtar, Project Manager
CM Engineering (Pvt) Ltd.
Project: CMPAK, Site ID-42622

Our Ref. No. CL/CED/ 8264 Dated: 29-05-19

Your Ref. No. CME/Cubes/CMPAK/504 Dated: 21-05-19

COMPRESSION TEST REPORT

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

Specimens received on: 22-05-19 Tested on: 22-05-19 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	Raft	23	4	2019	6x6x6	8.4	36	106	6600	Non Engraved
2	Raft	23	4	2019	6x6x6	8	36	96	5980	Non Engraved
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Results can also be seen on website http://www.uet.edu.pk/faculties/facultiesinfo/departments?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

8672

To: Imran Akhtar, Project Manager
CM Engineering (Pvt) Ltd.
Project: CMPAK, Site ID-42624

Dr. M. Yousaf

Our Ref. No. CL/CED/ 8265 Dated: 29-05-19

Your Ref. No. CME/Cubes/CMPAK/505 Dated: 23-05-19

COMPRESSION TEST REPORT

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

Specimens received on: 22-05-19 Tested on: 22-05-19 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	Pier Foundation	25	4	2019	6x6x6	8.2	36	104	6480	Non Engraved
2	Pier Foundation	25	4	2019	6x6x6	8.2	36	96	5980	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)

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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

8674

Dr. M. Yousaf

To: **Sub Divisional Officer**

Buildings Sub Division Pattoki.

Project: Constt. of Govt. Degree College Changa Manga Tehsil Chunian District Kasur.

Our Ref. No. CL/CED/ 8266 Dated: 29-05-19

Your Ref. No. 4321/P Dated: 06-05-19

COMPRESSION TEST REPORT

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

Specimens received on: 22-05-19 Tested on: 22-05-19 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	Roof Conc.	6	3	2019	6x6x6	8.4	36	118	7350	Non Engraved
2	Roof Conc.	6	3	2019	6x6x6	9	36	97	6040	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)

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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

8682

Engr. Aamina

To: **Shahid Builders (Pvt) Ltd.**

Lytton Road, Mozang, Lahore.

Project: Constt. of Labard Rehab. & Vocational Training Centre, Harbanspura, Lahore.

Our Ref. No. CL/CED/

8267

Dated:

29-05-19

Your Ref. No.

SBL/2019/6

Dated:

21-05-19

COMPRESSION TEST REPORT

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

Specimens received on:

22-05-19

Tested on:

28-05-19

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	RCC Col. in Found.	6	5	2019	6Diax12	14.2	28.28	56	4440	Engraved
2	RCC Col. in Found.	6	5	2019	6Diax12	14.2	28.28	49	3890	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)

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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