



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

1108
Dr. Mazar

To: Mr. Zubair Aziz Khan
M/s Syed Brothers (Pvt.) Ltd. Lahore.
Project: Nil

Our Ref. No. CL/CED/ 3119 Dated: 18-05-21
Your Ref. No. Nil Dated: 22-04-21

COMPRESSION TEST REPORT

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

Specimens received on: 22-04-21 Tested on: 17-05-2021 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	BIB		8.8x4.3x3.0	3311	37.84	73	4330	
2	BIB		8.9x4.4x3.0	3344	39.16	61	3490	
3	BIB		8.8x4.2x2.9	3273	36.96	86	5220	
4	BIB		8.9x4.4x3.1	3367	39.16	51	2920	
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Results can also be seen on website http://www.uet.edu.pk/faculties/facultiesinfo/departament?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

1221

Dr. Umbreen

To: Dy. Director (Engineering)

Rawalpindi Development Authority.

Project: Construction / Widening & Improvement of Dry Port Road From Raheemaabad Flyover at Airport to Welfare Complex Via Chakalal Railway Station & Shell Depot, Rawalpindi.

Our Ref. No. CL/CED/ 3120 Dated: 18-05-21

Your Ref. No. RDA/DD/231-A/RWP Dated: 28-04-21

COMPRESSION TEST REPORT

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

Specimens received on: 22-04-21 Tested on: 17-05-2021 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
		Wet Weight (gms)								
1		4	3	2021	6Diax12	12.4	28.28	49	3890	Engraved
2		3	3	2021	6Diax12	12.8	28.28	51	4040	Engraved
3		3	3	2021	6Diax12	12.6	28.28	49	3890	Engraved
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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



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1216

Dr. Umbreen

To: **Mr. Muhammad Ghulam Mustafa Joyia**
Mgmj Studio. Lahore.

Project: RCC Basement Roof Slab of Palza No. 106-Q CCA Phase -7 DHA Lahore.

Our Ref. No. CL/CED/ 3121 Dated: 18-05-21

Your Ref. No. Plaza106 Q Phase 7 Dated: 02-05-21

COMPRESSION TEST REPORT

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

Specimens received on: 07-05-21 Tested on: 18-05-2021 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
		3	4	2021						
1	(3000) Psi	3	4	2021	6Diax12	14	28.28	102	8080	Non Engraved
2	(3000) Psi	3	4	2021	6Diax12	13.2	28.28	55	4360	Non Engraved
3	(3000) Psi	3	4	2021	6Diax12	13.2	28.28	55	4360	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
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Phone Nos. 042-99029202, 042-99029217

1215
Dr. Umbreen

To: Mr. M. Shahbaz
Imperium Hospitality (Pvt.) Ltd. Lahore.
Project: Nil

Our Ref. No. CL/CED/ 3122 Dated: 18-05-21
Your Ref. No. IHPL/Con/245 Dated: 03-05-21

COMPRESSION TEST REPORT

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

Specimens received on: 06-05-21 Tested on: 18-05-2021 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	2 (4000) Psi	7	4	2021	6Diax12	14	28.28	45	3570	Non Engraved
2	5 (4000) Psi	7	4	2021	6Diax12	13.4	28.28	45	3570	Non Engraved
3	4 (4000) Psi	7	4	2021	6Diax12	13.8	28.28	47	3730	Non Engraved
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supervisor(lab)

Director/Dy. Director Concrete Laboratory



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1215
Dr. Umbreen

To: Mr. M. Shahbaz
Imperium Hospitality (Pvt.) Ltd. Lahore.
Project: Nil

Our Ref. No. CL/CED/ 3123 Dated: 18-05-21
Your Ref. No. IHPL/Con/244 Dated: 03-05-21

COMPRESSION TEST REPORT

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

Specimens received on: 06-05-21 Tested on: 18-05-2021 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	(4000) Psi	5	4	2021	6Diax12	13	28.28	73	5790	Non Engraved
2	(4000) Psi	5	4	2021	6Diax12	13.4	28.28	73	5790	Non Engraved
3	(4000) Psi	5	4	2021	6Diax12	13.4	28.28	53	4200	Non Engraved
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1215
Dr. Umbreen

To: Mr. M. Shahbaz
Imperium Hospitality (Pvt.) Ltd. Lahore.
Project: Nil

Our Ref. No. CL/CED/ 3124 Dated: 18-05-21
Your Ref. No. IHPL/Con/243 Dated: 03-05-21

COMPRESSION TEST REPORT

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

Specimens received on: 06-05-21 Tested on: 18-05-2021 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
		Wet Weight (gms)								
1	2 (4000) Psi	4	4	2021	6Diax12	13.4	28.28	59	4680	Non Engraved
2	6 (4000) Psi	4	4	2021	6Diax12	13.4	28.28	59	4680	Non Engraved
3	9 (4000) Psi	4	4	2021	6Diax12	14	28.28	59	4680	Non Engraved
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supervisor(lab)

Director/Dy. Director Concrete Laboratory



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1215
Dr. Umbreen

To: Mr. M. Shahbaz
Imperium Hospitality (Pvt.) Ltd. Lahore.
Project: Nil

Our Ref. No. CL/CED/ 3125 Dated: 18-05-21
Your Ref. No. IHPL/Con/242 Dated: 03-05-21

COMPRESSION TEST REPORT

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

Specimens received on: 06-05-21 Tested on: 18-05-2021 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	17 (4000) Psi	3	4	2021	6Diax12	13.4	28.28	59	4680	Non Engraved
2	15 (4000) Psi	3	4	2021	6Diax12	13.4	28.28	59	4680	Non Engraved
3	16 (4000) Psi	3	4	2021	6Diax12	14	28.28	59	4680	Non Engraved
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Phone Nos. 042-99029202, 042-99029217

1215
Dr. Umbreen

To: Mr. M. Shahbaz
Imperium Hospitality (Pvt.) Ltd. Lahore.
Project: Nil

Our Ref. No. CL/CED/ 3126 Dated: 18-05-21
Your Ref. No. IHPL/Con/241 Dated: 03-05-21

COMPRESSION TEST REPORT

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

Specimens received on: 06-05-21 Tested on: 18-05-2021 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
		3	4	2021						
1	2 (8000) Psi	3	4	2021	6Diax12	14	28.28	88	6970	Non Engraved
2	4 (8000) Psi	3	4	2021	6Diax12	14	28.28	57	4520	Non Engraved
3	7 (8000) Psi	3	4	2021	6Diax12	14	28.28	92	7290	Non Engraved
4	9 (8000) Psi	3	4	2021	6Diax12	14.2	28.28	79	6260	Non Engraved
5	8 (8000) Psi	3	4	2021	6Diax12	13.6	28.28	81	6420	Non Engraved
6	8 (8000) Psi	3	4	2021	6Diax12	14.4	28.28	83	6580	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

1167
Dr.Umbreen

To: Mr. Altaf Ur Rehman
House No. 17 Street No. 35 Dharam Pura Lahore.
Project: Nil

Our Ref. No. CL/CED/ 3127 Dated: 20-05-21
Your Ref. No. Nil Dated: 29-04-21

COMPRESSION TEST REPORT

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

Specimens received on: 29-04-21 Tested on: 18-05-2021 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	AB Fly Ash (A-Composition)		9.0x4.5x2.8	3182	40.5	25	1390	
2	AB Fly Ash (A-Composition)		9.0x4.5x3.0	3552	40.5	37	2050	
3	AB Fly Ash (A-Composition)		9.0x4.5x2.8	3177	40.5	31	1720	
4	AB Fly Ash (A-Composition)		9.0x4.5x2.9	3285	40.5	29	1610	
5	AB Fly Ash (A-Composition)		9.0x4.5x2.9	3596	40.5	42	2330	
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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

1167

Dr.Umbreen

To: Mr. Altaf Ur Rehman
House No. 17 Street No. 35 Dharam Pura Lahore.
Project: Nil

Our Ref. No. CL/CED/ 3128 Dated: 20-05-21

Your Ref. No. Nil Dated: 29-04-21

COMPRESSION TEST REPORT

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

Specimens received on: 29-04-21 Tested on: 18-05-2021 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	AB Fly Ash (B-Composition)		9.0x4.5x2.9	3670	40.5	37	2050	
2	AB Fly Ash (B-Composition)		9.0x4.5x2.8	3394	40.5	33	1830	
3	AB Fly Ash (B-Composition)		9.0x4.5x2.8	3459	40.5	34	1880	
4	AB Fly Ash (B-Composition)		9.0x4.5x2.7	3361	40.5	27	1500	
5	AB Fly Ash (B-Composition)		9.0x4.5x2.8	3466	40.5	34	1880	
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Director/Dy. Director Concrete Laboratory



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

1167
Dr.Umbreen

To: Mr. Altaf Ur Rehman
House No. 17 Street No. 35 Dharam Pura Lahore.
Project: Nil

Our Ref. No. CL/CED/ 3129 Dated: 20-05-21
Your Ref. No. Nil Dated: 29-04-21

COMPRESSION TEST REPORT

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

Specimens received on: 29-04-21 Tested on: 18-05-2021 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	AB Fly Ash (C-Composition)		9.0x4.5x2.7	3131	40.5	35	1940	
2	AB Fly Ash (C-Composition)		9.0x4.5x2.9	3426	40.5	41	2270	
3	AB Fly Ash (C-Composition)		9.0x4.5x2.8	3229	40.5	26	1440	
4	AB Fly Ash (C-Composition)		9.0x4.5x2.8	3430	40.5	25	1390	
5	AB Fly Ash (C-Composition)		9.0x4.5x2.9	3353	40.5	21	1170	
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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

1167
Dr.Umbreen

To: Mr. Altaf Ur Rehman
House No. 17 Street No. 35 Dharam Pura Lahore.
Project: Nil

Our Ref. No. CL/CED/ 3130 Dated: 20-05-21
Your Ref. No. Nil Dated: 29-04-21

COMPRESSION TEST REPORT

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

Specimens received on: 29-04-21 Tested on: 18-05-2021 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	AB Fly Ash (D-Composition)		9.0x4.5x2.8	3140	40.5	27	1500	
2	AB Fly Ash (D-Composition)		9.0x4.5x2.8	2975	40.5	19	1060	
3	AB Fly Ash (D-Composition)		9.0x4.5x2.8	3210	40.5	23	1280	
4	AB Fly Ash (D-Composition)		9.0x4.5x2.7	3221	40.5	32	1770	
5	AB Fly Ash (D-Composition)		9.0x4.5x2.8	3329	40.5	28	1550	
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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