



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

1623  
Dr. Burhan  
Sharif

**To: Mr. M. Luqman (Manager Projects FMH)**  
**Fatima Memorial Hospital Lahore.**  
**Project: Construction of New Building at Fatima Memorial Hospital Lahore.**

Our Ref. No. CL/CED/ 4418 Dated: 29-07-21

Your Ref. No. FMH/RAF/Con/01 Dated: 28-07-21

## COMPRESSION TEST REPORT

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

Specimens received on: 28-07-21 Tested on: 29-07-21 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	Raft Foundation (3000) Psi	13	7	2021	6Diax12	13.2	28.28	25	1980	Non Engraved
2	Raft Foundation (3000) Psi	13	7	2021	6Diax12	13.4	28.28	12	950	Engarved
3	Raft Foundation (3000) Psi	13	7	2021	6Diax12	13.2	28.28	23	1830	Non Engraved
4	Raft Foundation (3000) Psi	14	7	2021	6Diax12	13.6	28.28	12	950	Engarved
5	Raft Foundation (3000) Psi	14	7	2021	6Diax12	13	28.28	10	800	Engarved
6	Raft Foundation (3000) Psi	14	7	2021	6Diax12	13.2	28.28	14	1110	Engarved
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Results can also be seen on website [http://www.uet.edu.pk/faculties/facultiesinfo/department?RID=testing\\_reports&id=6](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"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**  
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Phone Nos. 042-99029202, 042-99029217

1573

Dr. Burhan Sharif

**To: Engr. Waleed Anwar (Project Engineer)**  
**M/s Design Matrix (Pvt.) Ltd. Lahore.**  
**Project: Construction of Karim Block Plaza**

Our Ref. No. CL/CED/ 4419 Dated: 29-07-21

Your Ref. No. Nil Dated: 14-07-21

## COMPRESSION TEST REPORT

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

Specimens received on: 14-07-21 Tested on: 29-07-21 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	8	7	2021	6Diax12	14	28.28	55	4360	Non Engraved
2	(6000) Psi	8	7	2021	6Diax12	13.6	28.28	57	4520	Non Engraved
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**supervisor(lab)**

**Director/Dy. Director Concrete Laboratory**



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Phone Nos. 042-99029202, 042-99029217

1573  
Dr. Aqsa

To: **Engr. Waleed Anwar (Project Engineer)**  
**M/s Design Matrix (Pvt.) Ltd. Lahore.**  
**Project: Construction of Karim Block Plaza**

Our Ref. No. CL/CED/ 4420 Dated: 29-07-21  
Your Ref. No. Nil Dated: 14-07-21

## COMPRESSION TEST REPORT

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

Specimens received on: 14-07-21 Tested on: 29-07-21 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	(3200) Psi	30	5	2021	6Diax12	13.6	28.28	49	3890	Non Engraved
2	(3200) Psi	8	6	2021	6Diax12	13.8	28.28	42	3330	Non Engraved
3	(3200) Psi	8	6	2021	6Diax12	13.6	28.28	35	2780	Non Engraved
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1573

Dr. Aqsa

**To: Engr. Waleed Anwar (Project Engineer)**  
**M/s Design Matrix (Pvt.) Ltd. Lahore.**  
**Project: Construction of Karim Block Plaza**

Our Ref. No. CL/CED/ 4421 Dated: 29-07-21

Your Ref. No. Nil Dated: 14-07-21

## COMPRESSION TEST REPORT

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

Specimens received on: 14-07-21 Tested on: 29-07-21 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	(5000) Psi	24	5	2021	6Diax12	14	28.28	51	4040	Non Engraved
2	(5000) Psi	24	5	2021	6Diax12	13.2	28.28	41	3250	Non Engraved
3	(5000) Psi	24	5	2021	6Diax12	13.8	28.28	61	4840	Non Engraved
4	(5000) Psi	8	7	2021	6Diax12	13.8	28.28	29	2300	Non Engraved
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**supervisor(lab)**

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Phone Nos. 042-99029202, 042-99029217

1573  
Dr. Aqsa

**To: Engr. Waleed Anwar (Project Engineer)**  
**M/s Design Matrix (Pvt.) Ltd. Lahore.**  
**Project: Construction of Karim Block Plaza**

Our Ref. No. CL/CED/ 4422 Dated: 29-07-21

Your Ref. No. Nil Dated: 14-07-21

## COMPRESSION TEST REPORT

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

Specimens received on: 14-07-21 Tested on: 29-07-21 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	27	5	2021	6Diax12	14	28.28	59	4680	Non Engraved
2	(4000) Psi	27	5	2021	6Diax12	14	28.28	51	4040	Non Engraved
3	(4000) Psi	30	5	2021	6Diax12	13.2	28.28	59	4680	Non Engraved
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**supervisor(lab)**

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Phone Nos. 042-99029202, 042-99029217

1547  
Dr. Aqsa

**To: Mr. Asim Ishaq (Principal)**  
**The Trust School Aamir Town Harbanspura, Lahore.**  
**Project: Construction of Proposed Trust School for Amir Town Harbanspura, Lahore.**

Our Ref. No. CL/CED/ 4423 Dated: 29-07-21

Your Ref. No. SBL/2021/UET-TEDDS/ Dated: 08-07-21

## COMPRESSION TEST REPORT

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

Specimens received on: 08-07-21 Tested on: 29-07-21 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	RB		8.7x4.3x2.9	3265	37.41	59	3540	
2	RB		8.7x4.2x2.8	3245	36.54	65	3990	
3	RB		8.7x4.2x2.9	3285	36.54	65	3990	
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**supervisor(lab)**

**Director/Dy. Director Concrete Laboratory**



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1615  
Dr. Aqsa

To: **M/s Professional Construction Services (Pvt.) Ltd.**  
**Lahore.**

**Project: Process House at Baba Fareed Sugar Mills Okara**

Our Ref. No. CL/CED/ 4424 Dated: 29-07-21

Your Ref. No. PCS/21Eng-73 Dated: 27-07-21

## COMPRESSION TEST REPORT

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

Specimens received on: 27-07-21 Tested on: 29-07-21 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	RCC Footing (1:2:4)	12	7	2021	6x6x6	8.6	36	54	3360	Non Engraved
2	RCC Footing (1:2:4)	12	7	2021	6x6x6	8.6	36	60	3740	Non Engraved
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supervisor(lab)

Director/Dy. Director Concrete Laboratory



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Phone Nos. 042-99029202, 042-99029217

1525  
Dr. Aqsa

To: Deputy Director (Engg)  
LDA, Lahore.

Project: Construction of Projected U-Turn Under Qainchi Flyover, Lahore.

Our Ref. No. CL/CED/ 4425 Dated: 29-07-21

Your Ref. No. DD(Engg)/ LDA/41 Dated: 26-05-21

## COMPRESSION TEST REPORT

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

Specimens received on: 06-07-21 Tested on: 29-07-21 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	M			3241	37.84	52	3080	
2	M			3190	37.41	58	3480	
3	M			3260	37.84	49	2910	
4	M			3118	36.54	61	3740	
5	M			3179	37.84	36	2140	
6	M			3218	36.96	52	3160	
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Results can also be seen on website [http://www.uet.edu.pk/faculties/facultiesinfo/department?RID=testing\\_reports&id=6](http://www.uet.edu.pk/faculties/facultiesinfo/department?RID=testing_reports&id=6)

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supervisor(lab)

Director/Dy. Director Concrete Laboratory





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Phone Nos. 042-99029202, 042-99029217

1561  
Dr. Aqsa

**To: Zahid Naseem (Senior District Engineer)**  
**M/s Humqadam (SCRP) Program Faisalabad. IMC Worldwide Ltd. (M/s Geo Engineering)**  
**Project: Ferro- Cement Overlay District Faisalabad**

Our Ref. No. CL/CED/ 4426 Dated: 29-07-21

Your Ref. No. Retro/FSD/Geo/Engg-02 Dated: 12-06-21

## COMPRESSION TEST REPORT

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

Specimens received on: 13-06-21 Tested on: 27-07-21 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	GGHSS 39 GB	27	6	2021	2x2x2	270	4	4.5	2480	Mortar Cube
2	GGHSS 39 GB	27	6	2021	2x2x2	272	4	4.5	2480	Mortar Cube
3	GGHSS 39 GB	27	6	2021	2x2x2	269	4	3.5	1930	Mortar Cube
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1584  
Dr. Aqsa

**To: Mr. Altaf Hussain (M.E)**  
**M/s AS Enterprises (Pvt.) Ltd. Lahore. (M/s AA Associates)**  
**Project: Construction of Sundar Estate US Dynamo**

Our Ref. No. CL/CED/ 4427 Dated: 29-07-21

Your Ref. No. USD/ASE/01 Dated: 14-07-21

## COMPRESSION TEST REPORT

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

Specimens received on: 15-07-21 Tested on: 29-07-21 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	I-Sec Grey		3.2 Thick	5038	40.92	120	6570	
2	I-Sec Grey		3.2 Thick	4989	40.92	111	6080	
3	I-Sec Grey		3.2 Thick	5083	40.92	99	5420	
4	I-Sec Grey		3.2 Thick	5090	40.92	93	5100	
5	I-Sec Grey		3.2 Thick	4994	40.92	114	6240	
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