



Plain and Reinforced Concrete Laboratory
Civil Engineering Department
 University of Engineering and Technology, Lahore, Pakistan
 Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

ORIGINAL
 A carbon copy for the report has been retained in the lab for record.

5285
 Engr. Ubaid

To: Mr. Muhammad Awais Khan
 FM (Works Div), SUPARCO Office, Works Division, P. O. Punjab University Samsani Road, Lahore.
Project: Construction of RF Equipment Rooms and Antenna Foundations for PAKSAT MMI Project at SCF-L. (M/s ARDEN Engineering and Automation Pvt. & Company)
Our Ref. No. CL/CED/ 2062 **Dated:** 01-06-23
Your Ref. No. 63301(3959)Works/Div/SRDCL **Dated:** 22-05-23

Test Specification
 (ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: **25-05-23** Tested on: **01-06-23** in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	RCC Fotng. (9-Mtr Antenna) 4000 Psi	15	5	2023	6Diax12	---	13.4	28.28	39	3089	---	Engraved
2	RCC Fotng. (9-Mtr Antenna) 4000 Psi	15	5	2023	6Diax12	---	13.2	28.28	43	3406	---	Engraved
3	RCC Fotng. (9-Mtr Antenna) 4000 Psi	15	5	2023	6Diax12	---	13	28.28	41	3248	---	Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

Results can also be seen on website <https://civil.uet.edu.pk/concrete-laboratory-reports1/>

- * 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



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ORIGINAL
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5301
 Engr. Ubaid

To: Engr. Zaheer Ud Din Babar,
 Deputy General Manager Projects, Habib Rafiq Engineering (Pvt.) Ltd.

Project: Construction of Sky Gardens Tower, Lahore.

Our Ref. No. CL/CED/ 2063

Dated: 01-06-23

Test Specification

Your Ref. No. HRLE/SKG/2023/0125

Dated: 29-05-23

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: **29/5/2023** Tested on: **01-06-23** in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	No.290 (6000 Psi)	30	4	2023	6 Diax12	---	14	28.28	96	7604	---	Non Engraved
2	No.290 (6000 Psi)	30	4	2023	6 Diax12	---	13.8	28.28	92	7287	---	Non Engraved
3	No.290 (6000 Psi)	30	4	2023	6 Diax12	---	13.6	28.28	100	7921	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

Results can also be seen on website <https://civil.uet.edu.pk/concrete-laboratory-reports1/>

- * 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



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ORIGINAL
 A carbon copy for the report has been retained in the lab for record.

5244
 Engr. Ubaid

To: Meezan Developers
 Plaza # 97, Block B, 2nd Floor, Main Boulevard Jubilee Town, Lahore.

Project: Construction of Jamia tur Rasheed Lahore Campus.

Our Ref. No. CL/CED/ 2064

Dated: 01-06-23

Test Specification

Your Ref. No. PEC#01583

Dated: 18-05-23

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 18/5/2023 **Tested on:** 01-06-23 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	F-6+F-6	15	4	2023	6 Diax12	---	13	28.28	38	3010	---	Engraved
2	F-6+F-6	15	4	2023	6 Diax12	---	13	28.28	43	3406	---	Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

Results can also be seen on website <https://civil.uet.edu.pk/concrete-laboratory-reports1/>

- * 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)
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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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5244
 Engr. Ubaid

To: Meezan Developers
 Plaza # 97, Block B, 2nd Floor, Main Boulevard Jubilee Town, Lahore.

Project: Construction of Jamia tur Rasheed Lahore Campus.

Our Ref. No. CL/CED/ 2065

Dated: 01-06-23

Test Specification

Your Ref. No. PEC#01583

Dated: 18-05-23

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: **18/5/2023** Tested on: **01-06-23** in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	F-1+F-1	18	4	2023	6 Diax12	---	13	28.28	51	4040	---	Engraved
2	F-1+F-1	18	4	2023	6 Diax12	---	13	28.28	59	4673	---	Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

Results can also be seen on website <https://civil.uet.edu.pk/concrete-laboratory-reports1/>

- * 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

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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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 Engr. Ubaid

To: Meezan Developers
 Plaza # 97, Block B, 2nd Floor, Main Boulevard Jubilee Town, Lahore.

Project: Construction of Jamia tur Rasheed Lahore Campus.

Our Ref. No. CL/CED/ 2066

Dated: 01-06-23

Test Specification

Your Ref. No. PEC#01583

Dated: 18-05-23

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: **18/5/2023** Tested on: **01-06-23** in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	F-3+F-3	13	4	2023	6 Diax12	---	13.6	28.28	51	4040	---	Engraved
2	F-3+F-3	13	4	2023	6 Diax12	---	13.2	28.28	55	4356	---	Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

Results can also be seen on website <https://civil.uet.edu.pk/concrete-laboratory-reports1/>

- * 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

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Director/Dy. Director Concrete Laboratory



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 Engr. Ubaid

To: Meezan Developers
 Plaza # 97, Block B, 2nd Floor, Main Boulevard Jubilee Town, Lahore.

Project: Construction of Jamia tur Rasheed Lahore Campus.

Our Ref. No. CL/CED/ 2067

Dated: 01-06-23

Test Specification

Your Ref. No. PEC#01583

Dated: 18-05-23

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: **18/5/2023** Tested on: **01-06-23** in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	F-7+F-7	16	4	2023	6 Diax12	---	13	28.28	53	4198	---	Engraved
2	F-7+F-7	16	4	2023	6 Diax12	---	13	28.28	61	4832	---	Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

Results can also be seen on website <https://civil.uet.edu.pk/concrete-laboratory-reports1/>

- * as engraved on the specimens (if any)
- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
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- 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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Civil Engineering Department
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ORIGINAL
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5271
 Engr. Ubaid

To: Executive Engineer
 Building and Works Department, University of Veterinary and Animal Sciences, Lahore.
 Project: Construction of Wrestling Academy at Sport Complex City Campus, UVAS, Lahore. (M/S Shaheen Construction Company)
 Our Ref. No. CL/CED/ 2068 Dated: 01-06-23 Test Specification
 Your Ref. No. E.E.840 Dated: 15-05-23 (----)

COMPRESSION TEST REPORT



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

Specimens received on: **24-05-23** Tested on: **01-06-23** in dry/wet condition

Sr. No.	Mark*	Casting Date*				Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY									
1	H	---	---	---	8.8 x 4.2 x 3	3600	3250	36.96	40	2424	10.77	---	
2	H	---	---	---	8.9 x 4.3 x 3.1	3760	3270	38.27	42	2458	14.98	---	
3	H	---	---	---	8.8 x 4.2 x 2.9	3700	3295	36.96	38	2303	12.29	---	
4	---	---	---	---	---	---	---	---	---	---	---	---	
5	---	---	---	---	---	---	---	---	---	---	---	---	
6	---	---	---	---	---	---	---	---	---	---	---	---	
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15	---	---	---	---	---	---	---	---	---	---	---	---	
16	---	---	---	---	---	---	---	---	---	---	---	---	

Witnessed by:

Results can also be seen on website <https://civil.uet.edu.pk/concrete-laboratory-reports1/>

- * as engraved on the specimens (if any)
- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
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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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- 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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5284
 Engr. Ubaid

To: Mr. Muhammad Javed, Resident Engineer.
 For & on Behalf of HA Consulting JV MASCON Associates (Pvt.) Ltd. Lahore.

Project: Construction of Medical Store Depot, Gurumangat Road, Lahore.

Our Ref. No. CL/CED/ 2069

Dated: 01-06-23

Test Specification

Your Ref. No. HA-MAS/RE/MSD/02

Dated: 15-05-23

(----)

COMPRESSION TEST REPORT



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

Specimens received on: **25-05-23** Tested on: **01-06-23** in dry/wet condition

Sr. No.	Mark*	Casting Date*				Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY									
1	ZS	---	---	---	8.8 x 4.4 x 2.9	3710	3435	38.72	42	2430	8.01	---	
2	ZS	---	---	---	8.8 x 4.4 x 2.9	3670	3465	38.72	36	2083	5.92	---	
3	ZS	---	---	---	8.9 x 4.4 x 2.9	3555	3220	39.16	44	2517	10.4	---	
4	ZS	---	---	---	8.8 x 4.4 x 2.9	3580	3140	38.72	44	2545	14.01	---	
5	---	---	---	---	---	---	---	---	---	---	---	---	
6	---	---	---	---	---	---	---	---	---	---	---	---	
7	---	---	---	---	---	---	---	---	---	---	---	---	
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12	---	---	---	---	---	---	---	---	---	---	---	---	
13	---	---	---	---	---	---	---	---	---	---	---	---	
14	---	---	---	---	---	---	---	---	---	---	---	---	
15	---	---	---	---	---	---	---	---	---	---	---	---	
16	---	---	---	---	---	---	---	---	---	---	---	---	

Witnessed by:

Results can also be seen on website <https://civil.uet.edu.pk/concrete-laboratory-reports1/>

- * 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
Civil Engineering Department
 University of Engineering and Technology, Lahore, Pakistan
 Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

ORIGINAL
 A carbon copy for the report has been retained in the lab for record.

5272
 Engr. Ubaid

To: Mr. Muhammad Haider, Resident Engineer.
 Velosi Integrity and SAFETY Pakistan (Pvt.) Ltd. Laore.

Project: Detailed Design and Resident Supervision of Regional Campus for Allama Iqbal Open University
 Located at Sargodha.

Our Ref. No. CL/CED/ 2070

Dated: 01-06-23

Test Specification

Your Ref. No. VISP/RC/SRG-06

Dated: 03-05-23

(----)

COMPRESSION TEST REPORT



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

Specimens received on: **24-05-23** Tested on: **01-06-23** in dry/wet condition

Sr. No.	Mark*	Casting Date*				Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY									
1	W	---	---	---	9 x 4.4 x 3	3810	3365	39.6	39	2206	13.22	---	
2	W	---	---	---	9 x 4.4 x 3	3930	3495	39.6	43	2432	12.45	---	
3	W	---	---	---	9 x 4.4 x 3	3850	3425	39.6	39	2206	12.41	---	
4	---	---	---	---	---	---	---	---	---	---	---	---	
5	---	---	---	---	---	---	---	---	---	---	---	---	
6	---	---	---	---	---	---	---	---	---	---	---	---	
7	---	---	---	---	---	---	---	---	---	---	---	---	
8	---	---	---	---	---	---	---	---	---	---	---	---	
9	---	---	---	---	---	---	---	---	---	---	---	---	
10	---	---	---	---	---	---	---	---	---	---	---	---	
11	---	---	---	---	---	---	---	---	---	---	---	---	
12	---	---	---	---	---	---	---	---	---	---	---	---	
13	---	---	---	---	---	---	---	---	---	---	---	---	
14	---	---	---	---	---	---	---	---	---	---	---	---	
15	---	---	---	---	---	---	---	---	---	---	---	---	
16	---	---	---	---	---	---	---	---	---	---	---	---	

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Supervisor (Lab)

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