



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.

4309
 Dr. Umbreen

To: Mr. Aqeel Haider
 Taj Gasoline Habibabad

Project: Construction of Taj Gasoline Oil Depot Habibabad

Our Ref. No. CL/CED/ 468

Dated: 28/11/2022

Test Specification

Your Ref. No. Nil

Dated: 25/11/2022

(----)

COMPRESSION TEST REPORT



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

Specimens received on: 25/11/2022 Tested on: 28/11/2022 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	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3725	29.64	96	7255	---	---	
2	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3650	29.64	83	6273	---	---	
3	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3645	29.64	77	5819	---	---	
4	---	---	---	---	---	---	---	---	---	---	---	---	
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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



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ORIGINAL
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4312
 Dr. Umbreen

To: Mr. Aamir Bashir, Project Manager
 Velosi Integrity and Safety Pakistan (Pvt.) Ltd.

Project: Resident Supervision of Regional Campuses for Allama Iqbal Open University located at Sahiwal.

Our Ref. No. CL/CED/ 469

Dated: 28/11/2022

Test Specification

Your Ref. No. VISPL-L-C22-321

Dated: 25/11/2022

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 25/11/2022 **Tested on:** 28/11/2022 **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	Raft Foundation (1:1.5:3) 3750 Psi	15	10	2022	6x6x6	---	8.4	36	96	5973	---	Non Engraved
2	Raft Foundation (1:1.5:3) 3750 Psi	15	10	2022	6x6x6	---	8.4	36	124	7716	---	Non Engraved
3	Raft Foundation (1:1.5:3) 3750 Psi	15	10	2022	6x6x6	---	8.4	36	94	5849	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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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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Director/Dy. Director Concrete Laboratory



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ORIGINAL
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4313
 Dr. Umbreen

To: Mr. Muneeb Ali Hamza
 Rang Mahal, Lahore.

Project: Construction of Taimoor Trading

Our Ref. No. CL/CED/ 470-1 of 2

Dated: 28/11/2022

Test Specification

Your Ref. No. Nil

Dated: Nil

(BS 1881-116)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 25/11/2022 Tested on: 28/11/2022 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	---	15	11	2022	6x6x6	---	8.2	36	37	2302	---	Engraved	
2	---	---	---	---	---	---	---	---	---	---	---	---	
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

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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4313
 Dr. Umbreen

To: Mr. Muneeb Ali Hamza
 Rang Mahal, Lahore.

Project: Construction of Taimoor Trading.

Our Ref. No. CL/CED/ 470-2 of 2

Dated: 28/11/2022

Test Specification

Your Ref. No. Nil

Dated: Nil

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 25/11/2022 Tested on: 28/11/2022 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	---	15	11	2022		6Diax12	---	13.8	28.28	59	4673	---	Engraved
2	---	---	---	---		---	---	---	---	---	---	---	---
3	---	---	---	---		---	---	---	---	---	---	---	---
4	---	---	---	---		---	---	---	---	---	---	---	---
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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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ORIGINAL
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4308
 Dr. Umbreen

To: Mr. Usman Meer
 SINACO Engineers (Pvt.) Ltd.

Project: Construction of National Foods Galaxy Project at FIEDMC Sahianwala, Faisalabad.

Our Ref. No. CL/CED/ 471

Dated: 28/11/2022

Test Specification

Your Ref. No. 00277-2022

Dated: 24/11/2022

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 25/11/2022 **Tested on:** 28/11/2022 **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 Absorpti on (%)	Remarks
		DD	MM	YYYY								
1	Admin Block (3000 Psi)	25	10	2022	6Diax12	---	13.6	28.28	61	4832	---	Non Engraved
2	Admin Block (3000 Psi)	25	10	2022	6Diax12	---	13.4	28.28	71	5624	---	Non Engraved
3	Admin Block (3000 Psi)	25	10	2022	6Diax12	---	13.6	28.28	65	5149	---	Non Engraved
4	Production (4000 Psi)	26	10	2022	6Diax12	---	13.2	28.28	43	3406	---	Non Engraved
5	Production (4000 Psi)	26	10	2022	6Diax12	---	13.2	28.28	41	3248	---	Non Engraved
6	Production (4000 Psi)	26	10	2022	6Diax12	---	13.4	28.28	45	3564	---	Non Engraved
7	Car Park Shed (4000 Psi)	11	11	2022	6Diax12	---	13.6	28.28	71	5624	---	Non Engraved
8	Car Park Shed (4000 Psi)	11	11	2022	6Diax12	---	13.6	28.28	73	5782	---	Non Engraved
9	Car Park Shed (4000 Psi)	11	11	2022	6Diax12	---	13.6	28.28	67	5307	---	Non Engraved
10	Admin Block (3000 Psi)	12	11	2022	6Diax12	---	13.4	28.28	43	3406	---	Non Engraved
11	Admin Block (3000 Psi)	12	11	2022	6Diax12	---	13.4	28.28	47	3723	---	Non Engraved
12	Admin Block (3000 Psi)	12	11	2022	6Diax12	---	13.4	28.28	47	3723	---	Non Engraved
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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Director/Dy. Director Concrete Laboratory



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ORIGINAL
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4311
 Dr. Umbreen

To: Mr. Muhammad Adnan, Project Manager
 ICON Valley Phase-II

Project: Construction of ICON Signature 3rd Floor Lift or 4th Floor Columns

Our Ref. No. CL/CED/ 472

Dated: 28/11/2022

Test Specification

Your Ref. No. IV-18

Dated: 20/11/2022

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 25/11/2022 Tested on: 28/11/2022 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	4000 Psi	19	10	2022	6Diax12	---	13.6	28.28	83	6574	---	Non Engraved
2	4000 Psi	19	10	2022	6Diax12	---	13.8	28.28	86	6812	---	Non Engraved
3	4000 Psi	19	10	2022	6Diax12	---	13.8	28.28	83	6574	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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Director/Dy. Director Concrete Laboratory



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ORIGINAL
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4288
 Dr. Umbreen

To: Sub Divisional Officer
 Buildings Sub Division No.20, Lahore

Project: Construction of Office Building of Chief Inspectorate of Mines Punjab, (ADP No. 6741 for year 2021-2022)

Our Ref. No. CL/CED/ 473

Dated: 28/11/2022

Test Specification

Your Ref. No. 423/20th

Dated: 17/10/2022

(----)

COMPRESSION TEST REPORT



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

Specimens received on: 21/11/2022 **Tested on:** 28/11/2022 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	Machine Made Double Line	---	---	---	8.8 x 4.3 x 3	3785	3220	37.84	61	3611	17.55	---
2	Machine Made Double Line	---	---	---	8.9 x 4.3 x 2.9	3700	3235	38.27	49	2868	14.37	---
3	Machine Made Double Line	---	---	---	8.8 x 4.4 x 3	3800	3280	38.72	49	2835	15.85	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

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- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
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Director/Dy. Director Concrete Laboratory