



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.

6618
 Dr. M. Yousaf

To: S & S Associates, Engineers & Builders
 Johar Town, Lahore.

Project: Sapphire Textile Mills, Extension of Washing Area Located at Designtex (SMC) Pvt Ltd. Bhupian Chowk, Lahore.

Our Ref. No. CL/CED/ 4078

Dated: 29-01-24

Test Specification

Your Ref. No. SMC (W-A #24)/020

Dated: 29-01-24

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: **29-01-24** Tested on: **29-01-24** 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 Column (C-30)	28	12	2023	6x6x6	---	8.4	36	107	6658	---	Non Engraved
2	RCC Column (C-30)	28	12	2023	6x6x6	---	8.4	36	120	7467	---	Non Engraved
3	RCC Column (C-30)	28	12	2023	6x6x6	---	8	36	52	3236	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

- * 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

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6618
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To: S & S Associates, Engineers & Builders
 Johar Town, Lahore.

Project: Sapphire Textile Mills, Extension of Washing Area Located at Designtex (SMC) Pvt Ltd. Bhupian Chowk, Lahore.

Our Ref. No. CL/CED/ 4079

Dated: 29-01-24

Test Specification

Your Ref. No. SMC (W-A #24)/021

Dated: 29-01-24

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 29-01-24 Tested on: 29-01-24 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 Slab (C-20)	22	1	2024	6x6x6	---	8	36	38	2364	---	Non Engraved
2	RCC Slab (C-20)	22	1	2024	6x6x6	---	8.4	36	38	2364	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

- * 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



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ORIGINAL
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6614
 Dr. M.Yousaf

To: Best Builders
Engineer & Constructor

Project: Construction of TCF School, Basti Rahim Yar Khan.

Our Ref. No. CL/CED/ 4080

Dated: 29-01-24

Test Specification

Your Ref. No. Nil

Dated: 26-01-24

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 26-01-24 Tested on: 29-01-24 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	---	9	9	2023	6x6x6	---	8	36	50	3111	---	Engraved
2	---	9	9	2023	6x6x6	---	8	36	58	3609	---	Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Nil

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

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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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ORIGINAL
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6615
 Dr. M.Yousaf

To: Mr. Riaz Ahmad
 Riaz Construction Company, Civil Contractors

Project: Construction of TCF High School, Dawood Hercules Sheikhpura.

Our Ref. No. CL/CED/ 4081

Dated: 29-01-24

Test Specification

Your Ref. No. Nil

Dated: 26-01-24

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 26-01-24 **Tested on:** 29-01-24 **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	---	14	12	2023	6x6x6	---	8.4	36	79	4916	---	Engraved
2	---	14	12	2023	6x6x6	---	8.2	36	62	3858	---	Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Nil

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Director/Dy. Director Concrete Laboratory



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ORIGINAL
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6601
 Dr. M.Yousaf

To: Resident Engineer
 ECSP, BGNU.

Project: Engineering Consultancy Services for Construction of Baba Guru Nanak University, Nankana Sahib.
 (S-AA (1-10) Admin Block)

Our Ref. No. CL/CED/ 4082

Dated: 29-01-24

Test Specification

Your Ref. No. RE/ECSP/BGNU/92

Dated: 30-12-23

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 25-01-24 Tested on: 29-01-24 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	Top Roof Slab (1:2:4)	2	12	2023	6x6x6	---	8.2	36	83	5164	---	Engraved
2	Top Roof Slab (1:2:4)	2	12	2023	6x6x6	---	9	36	86	5351	---	Engraved
3	Top Roof Slab (1:2:4)	2	12	2023	6x6x6	---	8.2	36	83	5164	---	Engraved
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Witnessed by: Nil

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ORIGINAL
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6599
 Dr. M.Yousaf

To: CW Manager, ARCON
 E-11 Islamabad.

Project: Nil

Our Ref. No. CL/CED/ 4083

Dated: 29-01-24

Test Specification

Your Ref. No. Nil

Dated: Nil

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 25-01-24 Tested on: 29-01-24 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	R/W 51553 (1:1.5:3 & 1:4:8)	21	12	2023	6x6x6	---	7.4	36	85	5289	---	Non Engraved
2	R/W 51553 (1:1.5:3 & 1:4:8)	21	12	2023	6x6x6	---	7.8	36	115	7156	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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6599
 Dr. M.Yousaf

To: CW Manager, ARCON
 E-11 Islamabad.

Project: Nil

Our Ref. No. CL/CED/ 4084

Your Ref. No. Nil

Dated: 29-01-24

Dated: 25-01-24

Test Specification

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 25-01-24 Tested on: 29-01-24 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	R/W, Fnd 51553 (1:1.5:3 & 1:4:8)	18	12	2023	6x6x6	---	8.2	36	108	6720	---	Non Engraved
2	R/W, Fnd 51553 (1:1.5:3 & 1:4:8)	18	12	2023	6x6x6	---	7.6	36	101	6284	---	Non Engraved
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Witnessed by: Nil

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Director/Dy. Director Concrete Laboratory



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6600
 Dr. M.Yousaf

To: Mr. Muhammad Shafiq
 Resident Engineer, Construction Management Division, NESPAK Pvt. Ltd.
Project: Construction of Fatima Jinnah Institute of Dental Sciences, Lahore. Balance Works of Const. of Teaching College/ Academic Block, Boys and Girls Hostel & Miscellaneous Work (Group No. 02)
 Our Ref. No. CL/CED/ 4085 Dated: 29-01-24
 Your Ref. No. 3016/13/MS/04/151 Dated: 09-01-24

Test Specification
 (BS 1881-116)

COMPRESSION TEST REPORT



ONLINE REPORT

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

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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	OHWT (Bowl)	10	12	2023	6x6x6	---	8.2	36	110	6844	---	Non Engraved
2	OHWT (Bowl)	10	12	2023	6x6x6	---	8	36	99	6160	---	Non Engraved
3	OHWT (Bowl)	10	12	2023	6x6x6	---	8.2	36	98	6098	---	Non Engraved
4	Septic Tank	10	12	2023	6x6x6	---	8	36	95	5911	---	Non Engraved
5	Septic Tank	10	12	2023	6x6x6	---	8.4	36	92	5724	---	Non Engraved
6	Septic Tank	10	12	2023	6x6x6	---	8.2	36	91	5662	---	Non Engraved
7	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Nil

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

- * 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

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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



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.

6617
 Dr. M.Yousaf

To: Mr. Muhammad jan
 Senior Inspector, Designmen Consulting Engineers (Pvt) Ltd.

Project: Allama Iqbal Open University, Regional Campus, Sheikhpura.

Our Ref. No. CL/CED/ 4086

Dated: 29-01-24

Test Specification

Your Ref. No. P-348/2022/AIOU-SKP/LAB/07

Dated: 26-01-24

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 26-01-24 Tested on: 29-01-24 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	---	3	1	2024	6x6x6	---	8.2	36	77	4791	---	Non Engraved
2	---	3	1	2024	6x6x6	---	8.2	36	71	4418	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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

- * 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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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
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Dr. M.Yousaf

To: Mr. Muhammad Jan
Senior Inspector, Designmen Consulting Engineers (Pvt) Ltd.

Project: Allama Iqbal Open University, Regional Campus, Sheikhpura.

Our Ref. No. CL/CED/ 4087

Dated: 29-01-24

Test Specification

Your Ref. No. P-348/2022/AIOU-SKP/LAB/08

Dated: 26-01-24

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 26-01-24 Tested on: 29-01-24 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	---	17	1	2024	6x6x6	---	9	36	70	4356	---	Non Engraved
2	---	17	1	2024	6x6x6	---	8.6	36	82	5102	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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Director/Dy. Director Concrete Laboratory



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

6609
 Dr. M.Yousaf

To: Mr. Ehtisham Yasin
 Assistant Resident Engineer, JERS Consultancy (Pvt) Ltd.

Project: Improvement and Construction of Roads and Chowks at Wazirabad City.

Our Ref. No. CL/CED/ 4088-1 of 2

Dated: 29-01-24

Test Specification

Your Ref. No. 488-J01-ARE-/wzd/27

Dated: 24-01-24

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 26-01-24 **Tested on:** 29-01-24 **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	(1:1.5:3)	7	10	2023	6x6x6	---	8.4	36	118	7342	---	Non Engraved
2	(1:1.5:3)	7	10	2023	6x6x6	---	9	36	109	6782	---	Non Engraved
3	(1:1.5:3)	7	10	2023	6x6x6	---	8.6	36	118	7342	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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

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