



**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.

6914  
 Dr. M.Yousaf

**To:** Sub Divisional Officer  
 Building Sub Division Nankana Sahib

**Project:** Construction of PHP Post at Chak No. 5 District Nankana Sahib.

**Our Ref. No. CL/CED/ 4511**

**Dated: 25-03-24**

**Test Specification**

**Your Ref. No. 1393/SDO/BSO/NNS**

**Dated: 28-12-23**

**( BS 1881-116 )**

**COMPRESSION TEST REPORT**



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

**Specimens received on:** 21-03-24 **Tested on:** 25-03-24 **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	Strip Footing Main Bldg. (1:2:4)	1	12	2023	6x6x6	---	8.2	36	62	3858	---	Engraved
2	Strip Footing Main Bldg. (1:2:4)	1	12	2023	6x6x6	---	8.4	36	102	6347	---	Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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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
- \*\*\* 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

## 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.

6917  
Dr. M.Yousaf

To: S&S Associates  
Engineers and Builders

Project: Sapphire Textile Mills, Construction Works for 5-TPH Boiler at Designtex (SMC) Pvt. Ltd, Bhuptian Chowk, Lahore.

Our Ref. No. CL/CED/ 4512

Dated: 25-03-24

Test Specification

Your Ref. No. SMC(BLR#24)/028

Dated: 22-03-24

( BS 1881-116 )

## COMPRESSION TEST REPORT



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

Specimens received on: 22-03-24 Tested on: 25-03-24 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	Ash Pit Wall (C-30)	9	3	2024	6x6x6	---	8.6	36	60	3733	---	Non Engraved
2	Ash Pit Wall (C-30)	9	3	2024	6x6x6	---	8.6	36	62	3858	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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" 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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**ORIGINAL**  
A carbon copy for the report has been retained in the lab for record.

6917  
Dr. M.Yousaf

To: S&S Associates  
Engineers and Builders

Project: Sapphire Textile Mills, Construction Works for 5-TPH Boiler at Designtex (SMC) Pvt. Ltd, Bhuptian Chowk, Lahore.

Our Ref. No. CL/CED/ 4513

Dated: 25-03-24

Test Specification

Your Ref. No. SMC(BLR#24)/029

Dated: 22-03-24

( BS 1881-116 )

## COMPRESSION TEST REPORT



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

Specimens received on: 22-03-24 Tested on: 25-03-24 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	Wet Scruber Wall (C-30)	15	3	2024	6x6x6	---	9	36	62	3858	---	Non Engraved
2	Wet Scruber Wall (C-30)	15	3	2024	6x6x6	---	8.4	36	59	3671	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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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" 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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6874  
 Dr. M. Yousaf

**To:** Mr. Anjum Ali  
 Resident Engineer, Package-III (PCP) Jhang. MM Pakistan (Pvt.) Ltd.  
**Project:** Providing and Laying of Sewerage Network (Zone-1) in Jhang City. (Contractor: M/S HMS Enterprises JV Suleman Traders)  
**Our Ref. No.** CL/CED/ 4514      **Dated:** 25-03-24  
**Your Ref. No.** Jhang/ PKG03/124      **Dated:** 07-03-23

**Test Specification**  
 ( BS 3921\*\* )

## COMPRESSION TEST REPORT



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

Specimens received on: 15-03-24 Tested on: 25-03-24 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	RBC	---	---	---	8.7 x 4.1 x 2.8	---	2705	35.67	27	1696	---	---
2	RBC	---	---	---	8.6 x 4.2 x 3	---	2715	36.12	34	2109	---	---
3	RBC	---	---	---	8.4 x 4.1 x 2.6	---	2955	34.44	34	2211	---	---
4	RBC	---	---	---	8.7 x 4.2 x 2.7	---	2505	36.54	26	1594	---	---
5	RBC	---	---	---	8.8 x 4.3 x 2.7	---	2410	37.84	24	1421	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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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)
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Supervisor (Lab)

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**ORIGINAL**  
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6868  
 Dr. M. Yousaf

**To:** Syed Zaigham Hussain  
 Project Manager, Haris & Co Engineering Concern (Pvt) Ltd.

**Project:** Construction of Canal Filling Station, Lahore.

**Our Ref. No. CL/CED/ 4515**

**Dated: 25-03-24**

**Test Specification**

**Your Ref. No. H&CO/Canal FS, Lahore**

**Dated: 14-03-24**

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## COMPRESSION TEST REPORT



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

**Specimens received on:** 14-03-24 **Tested on:** 25-03-24 **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	RZ	---	---	---	8.9 x 4.4 x 3.1	3730	3360	39.16	46	2631	11.01	---
2	RZ	---	---	---	8.8 x 4.3 x 3.1	3970	3670	37.84	47	2782	8.17	---
3	RZ	---	---	---	8.8 x 4.3 x 3.1	3871	3515	37.84	44	2605	10.13	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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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
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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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**Civil Engineering Department**  
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ORIGINAL  
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6842  
 Dr. M. Yousaf

**To: Mr. M. Usman Rauf**  
 Resident Engineer, Highways and Transportation Engineering Division. NESPAK (Pvt.) Ltd.  
 Project: Rehabilitation of Street at Katchi Abadi F.C.C Saint Marry Khan Colony UC-203 Gulberg Zone, Lahore. (MCL Projects)  
 Our Ref. No. CL/CED/ 4516      Dated: 25-03-24  
 Your Ref. No. 4084/103/MUR/104/1797      Dated: 05-03-24

Test Specification  
 ( BS 3921\*\* )

## COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on:  Tested on:  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	K3	---	---	---	9 x 4.3 x 3	3745	3350	38.7	38	2199	11.79	---
2	K3	---	---	---	9 x 4.3 x 2.9	3660	3300	38.7	44	2547	10.91	---
3	K3	---	---	---	9 x 4.3 x 2.9	3550	3225	38.7	54	3126	10.08	---
4	K3	---	---	---	8.9 x 4.3 x 2.9	3635	3200	38.27	35	2049	13.59	---
5	K3	---	---	---	8.9 x 4.4 x 2.9	3645	3270	39.16	29	1659	11.47	---
6	K3	---	---	---	9 x 4.4 x 2.9	3610	3225	39.6	30	1697	11.94	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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**Civil Engineering Department**  
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ORIGINAL  
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6885  
 Dr. M. Yousaf

**To: Deputy Director (Works)**  
 Project Director of the Scheme O/O Mines Labour Welfare Commissioner, Punjab, Lahore.

**Project: Establishment of Mines Labour Welfare Girls High School, at Katha Misral, Khushab.**

**Our Ref. No. CL/CED/ 4517**

**Dated: 25-03-24**

**Test Specification**

**Your Ref. No. MLW/C.E/MT/50/17/2434**

**Dated: 14-03-24**

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## COMPRESSION TEST REPORT



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

**Specimens received on: 11-03-24    Tested on: 25-03-24    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	Rectangular, Grey, 60mm	---	---	---	7.9 x 3.9 x 2.4	---	2870	30.81	83	6034	---	---
2	Rectangular, Grey, 60mm	---	---	---	7.9 x 3.9 x 2.4	---	2795	30.81	55	3999	---	---
3	Rectangular, Grey, 60mm	---	---	---	7.9 x 3.9 x 2.4	---	2945	30.81	48	3490	---	---
4	Rectangular, Grey, 60mm	---	---	---	7.9 x 3.9 x 2.4	---	2985	30.81	64	4653	---	---
5	Rectangular, Grey, 60mm	---	---	---	7.9 x 3.9 x 2.4	---	2895	30.81	61	4435	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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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
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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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 A carbon copy for the report has been retained in the lab for record.

6892  
 Dr. M.Yousaf

**To: Mr. Muhammad Yaseen**  
 Sr. Project Manager, Pak Engineering Solution.

**Project: Construction of National Food Galaxy Project at Fidmic Sahianwala, Faisalabad. (Consultant: ANS Associates)**

**Our Ref. No. CL/CED/ 4518**

**Dated: 25-03-24**

**Test Specification**

**Your Ref. No. PES-NFL-030**

**Dated: 19-03-24**

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## COMPRESSION TEST REPORT



ONLINE REPORT

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

**Specimens received on: 19-03-24    Tested on: 25-03-24    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	Uni-Block, Grey, 60mm	---	---	---	2.4 thick	---	3465	36.44	160	9835	---	---
2	Uni-Block, Grey, 60mm	---	---	---	2.4 thick	---	3430	36.44	160	9835	---	---
3	Uni-Block, Grey, 60mm	---	---	---	2.4 thick	---	3480	36.44	165	10143	---	---
4	Uni-Block, Red, 60mm	---	---	---	2.4 thick	---	3485	36.44	118	7254	---	---
5	Uni-Block, Red, 60mm	---	---	---	2.4 thick	---	3470	36.44	119	7315	---	---
6	Uni-Block, Red, 60mm	---	---	---	2.4 thick	---	3485	36.44	105	6454	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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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
- \*\*\* 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**  
**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.

6865  
 Dr. M. Yousaf

**To:** Mr. Muhammad Atif Khalil  
 Project Manager (BMC), Banu Mukhtar Contracting (Pvt) Ltd.

**Project:** Burj-1 by AJWA Builders. (Main Building Ground Floor Zone-01 & 02)

**Our Ref. No. CL/CED/ 4519**

**Dated: 25-03-24**

**Test Specification**

**Your Ref. No. DOC-BMC/AJWA/154**

**Dated: 12-03-24**

( ---- )

## COMPRESSION TEST REPORT



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

**Specimens received on:** 14-03-24 **Tested on:** 25-03-24 **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	Hollow Block (16"x8"x8")	---	---	---	15.8x8x7.5	---	18.6	72.7	60	1849	---	---
2	Hollow Block (16"x8"x8")	---	---	---	15.8x8x7.5	---	19	73.6	67	2039	---	---
3	Hollow Block (16"x8"x8")	---	---	---	15.8x8x7.5	---	19	72.7	45	1387	---	---
4	Hollow Block (16"x6"x8")	---	---	---	15.8x5.9x7.5	---	15	57.58	49	1906	---	---
5	Hollow Block (16"x6"x8")	---	---	---	15.8x5.9x7.5	---	15.4	57.64	46	1788	---	---
6	Hollow Block (16"x6"x8")	---	---	---	15.8x5.9x7.5	---	15.4	57.58	46	1790	---	---
7	Hollow Block (16"x4"x8")	---	---	---	15.8x3.9x7.5	---	13	47.16	40	1900	---	---
8	Hollow Block (16"x4"x8")	---	---	---	15.8x3.9x7.5	---	13	47.16	37	1757	---	---
9	Hollow Block (16"x4"x8")	---	---	---	15.8x3.9x7.5	---	12.2	47.16	52	2470	---	---
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
- \*\*\* 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**  
**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.

6897  
 Dr. M. Yousaf

**To:** Mr. Muhammad Sohail Anjum  
 Project Manager, MS IT Tower, Lahore.

**Project:** Construction of MS IT Tower at Plot 450, 451 Johar Town, Lahore.

**Our Ref. No. CL/CED/ 4520**

**Dated: 25-03-24**

**Test Specification**

**Your Ref. No. MSITT/UET/2024/C-017**

**Dated: 20-03-24**

**(ASTM C39)**

## COMPRESSION TEST REPORT



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

**Specimens received on:** 20-03-24 **Tested on:** 25-03-24 **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	# 50 (3000 Psi)	21	2	2024	6Diax12	---	14	28.28	78	6178	---	Non Engraved
2	# 52 (3000 Psi)	21	2	2024	6Diax12	---	14	28.28	41	3248	---	Non Engraved
3	# 54 (3000 Psi)	21	2	2024	6Diax12	---	14.2	28.28	61	4832	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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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
- \*\*\* 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.

6913  
 Dr. Umbreen

**To: Mr. Waqas Ali**  
 Variant, 25-t Gulberg 2, Lahore.

**Project: (8th Floor CL-14, CL-16, CL-17, CL-18, CL-19, CL-20, CL-21, CL-22, SH-3, SH-4, SH-6,7)**

**Our Ref. No. CL/CED/ 4521**

**Dated: 25-03-24**

**Test Specification**

**Your Ref. No. VA/29/149**

**Dated: 21-03-24**

**(ASTM C39)**

**COMPRESSION TEST REPORT**



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

**Specimens received on: 21-03-24    Tested on: 25-03-24    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	8th Floor Column	13	2	2024	6Diax12	---	15.2	28.28	137	10851	---	Non Engraved
2	8th Floor Column	13	2	2024	6Diax12	---	15	28.28	113	8950	---	Non Engraved
3	8th Floor Column	13	2	2024	6Diax12	---	14.4	28.28	105	8317	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

**Witnessed by: Mr. Babar Ali, CNIC # 35201-9967694-3**

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" 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.

6922  
Dr. M. Yousaf

To: Engr. Haseeb Afzal  
Project Manager, HMB Developers (Pvt) Ltd.  
Project: Commercial Tower, Finance Trade Centre, Lahore. (Ground Floor Shear Wall E'~G/1~2 & Column F,G,H,J/4.)  
Our Ref. No. CL/CED/ 4522 Dated: 25-03-24  
Your Ref. No. HMBDPL/S.O/03/24/95th (LHR) Dated: 25-03-24

Test Specification  
(ASTM C39)

### COMPRESSION TEST REPORT



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

Specimens received on: 25-03-24 Tested on: 25-03-24 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	CT-83 (6000 Psi)	26	2	2024	6Diax12	---	14.2	28.28	64	5069	---	Non Engraved
2	CT-83 (6000 Psi)	26	2	2024	6Diax12	---	14	28.28	66	5228	---	Non Engraved
3	CT-83 (6000 Psi)	26	2	2024	6Diax12	---	14.2	28.28	64	5069	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Mr. Ali Raza, CNIC # 35503-0183769-5

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

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- \*\*\* 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