



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.

9783
 Dr. M. Yousaf

To: Mr. Zain Ul Hassan
 Engineer, SAIF Engineering & Services (Pvt.) Ltd.

Project: Construction of the Compressor & Boiler Room in Sapphire Fiber (11) Limited.

Our Ref. No. CL/CED/ 8881

Dated: 14/07/2025

Test Specification

Your Ref. No. Nil

Dated: 14/07/2025

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 14/07/2025 **Tested on:** 14/07/2025 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	Foundation	3	6	2025	6x6x6	---	8	36	78	4853	---	Engraved
2	Foundation	3	6	2025	6x6x6	---	8.2	36	116	7218	---	Engraved
3	Foundation	3	6	2025	6x6x6	---	8	36	76	4729	---	Engraved
4	Column	5	6	2025	6x6x6	---	8.4	36	100	6222	---	Engraved
5	Column	5	6	2025	6x6x6	---	8	36	68	4231	---	Engraved
6	Column	5	6	2025	6x6x6	---	8	36	68	4231	---	Engraved
7	---	---	---	---	---	---	---	---	---	---	---	---
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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
- **** AC1318-08 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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9773
 Dr. M. Yousaf

To: Sub Divisional Officer
 Kallurkot Canal Sub Division, Kallurkot

Project: Rehabilitation / Construction of Offices / Residential Complexes for the Newly Created Zone / Circles / Divisions / Sub Divisions in Irrigation Zone Sargodha (Khansar Canal Division Package B")

Our Ref. No. CL/CED/ 8882

Dated: 14/07/2025

Test Specification

Your Ref. No. 232/1-E

Dated: 07/07/2025

(BS 1881-116)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: **11/07/2025** Tested on: **14/07/2025** 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	07 Days Strength	4	7	2025	6x6x6	---	8	36	44	2738	---	Non Engraved
2	07 Days Strength	4	7	2025	6x6x6	---	8	36	36	2240	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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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

- 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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Dr. M. Yousaf

To: Sub Divisional Officer
Kallurkot Canal Sub Division, Kallurkot

Project: Rehabilitation / Construction of Offices / Residential Complexes for the Newly Created Zone / Circles / Divisions / Sub Divisions in Irrigation Zone Sargodha (Khansar Canal Division Package B")

Our Ref. No. CL/CED/ 8883

Dated: 14/07/2025

Test Specification

Your Ref. No. 233/1-E

Dated: 07/07/2025

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 11/07/2025 Tested on: 14/07/2025 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 Days Strength	4	7	2025	6x6x6	---	8	36	38	2364	---	Non Engraved
2	14 Days Strength	4	7	2025	6x6x6	---	8	36	37	2302	---	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/>

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- ** 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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Project: Rehabilitation / Construction of Offices / Residential Complexes for the Newly Created Zone / Circles / Divisions / Sub Divisions in Irrigation Zone Sargodha (Khansar Canal Division Package B")

Our Ref. No. CL/CED/ 8884

Dated: 14/07/2025

Test Specification

Your Ref. No. 234/1-E

Dated: 07/07/2025

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 11/07/2025 Tested on: 14/07/2025 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	28 Days Strength	4	7	2025	6x6x6	---	8	36	38	2364	---	Non Engraved
2	28 Days Strength	4	7	2025	6x6x6	---	8	36	44	2738	---	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
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Project: Rehabilitation / Construction of Offices / Residential Complexes for the Newly Created Zone / Circles / Divisions / Sub Divisions in Irrigation Zone Sargodha (Khansar Canal Division Package B")

Our Ref. No. CL/CED/ 8885

Dated: 14/07/2025

Test Specification

Your Ref. No. 235/1-E

Dated: 07/07/2025

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 11/07/2025 Tested on: 14/07/2025 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	07 Days Strength	3	7	2025	6x6x6	---	8	36	36	2240	---	Non Engraved
2	07 Days Strength	3	7	2025	6x6x6	---	8	36	46	2862	---	Non Engraved
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
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 Kallurkot Canal Sub Division, Kallurkot

Project: Rehabilitation / Construction of Offices / Residential Complexes for the Newly Created Zone / Circles / Divisions / Sub Divisions in Irrigation Zone Sargodha (Khansar Canal Division Package B")

Our Ref. No. CL/CED/ 8887

Dated: 14/07/2025

Test Specification

Your Ref. No. 236/1-E

Dated: 07/07/2025

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 11/07/2025 Tested on: 14/07/2025 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 Days Strength	3	7	2025	6x6x6	---	8	36	42	2613	---	Non Engraved
2	14 Days Strength	3	7	2025	6x6x6	---	8	36	34	2116	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Nil

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 Kallurkot Canal Sub Division, Kallurkot

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Our Ref. No. CL/CED/ 8887

Dated: 14/07/2025

Test Specification

Your Ref. No. 237/1-E

Dated: 07/07/2025

(BS 1881-116)

COMPRESSION TEST REPORT



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

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Witnessed by: Nil

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9781
 Dr. M. Yousaf

To: Engr. M. Rashid
 Site Engineer, Husnain Kareemain Residential & Commercial Builders

Project: Lahore Grammar School, 308-C Johar Town, Lahore.

Our Ref. No. CL/CED/ 8888

Dated: 14/07/2025

Test Specification

Your Ref. No. Nil

Dated: Nil

(BS 1881-116)

COMPRESSION TEST REPORT



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		DD	MM	YYYY								
1	5000 Psi	26	6	2025	6x6x6	---	9	36	112	6969	---	Non Engraved
2	5000 Psi	26	6	2025	6x6x6	---	8.8	36	98	6098	---	Non Engraved
3	5000 Psi	26	6	2025	6x6x6	---	9	36	112	6969	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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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

- 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.

9779
Dr. M. Yousaf

To: Sub Divisional Officer
Building Sub Division, Kasur.

Project: Rehabilitation of Govt. Boys Degree College Khudian Tehsil & District Kasur (ADP No.100 for the year 2024-25)

Our Ref. No. CL/CED/ 8889

Dated: 14/07/2025

Test Specification

Your Ref. No. 365/k

Dated: 07/07/2025

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 11/07/2025 Tested on: 14/07/2025 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.C.C Strip Footing (1:2:4)	11	6	2025	6x6x6	---	8	36	38	2364	---	Non Engraved
2	R.C.C Strip Footing (1:2:4)	11	6	2025	6x6x6	---	8	36	48	2987	---	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-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



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.

9689
 Dr. M.Yousaf

To: Mr. Muhammad Javed
 Resident Engineer, NESPAK (Pvt.) Ltd.

Project: CM LDP, Ravi Zone Lahore. (UC-08, Farrakhabad)

Our Ref. No. CL/CED/ 8890

Dated: 14/07/2025

Test Specification

Your Ref. No. WASA/RAVI-1/RE/1717

Dated: 16/06/2025

(BS 3921**)

COMPRESSION TEST REPORT



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

Specimens received on: 27/06/2025 **Tested on:** 14/07/2025 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	S4	---	---	---	9 x 4.2 x 3	3750	3345	37.8	34	2015	12.11	---
2	S4	---	---	---	9 x 4.2 x 3	3530	3280	37.8	46	2726	7.62	---
3	S4	---	---	---	8.8 x 4.3 x 3	3635	3235	37.84	48	2841	12.36	---
4	S4	---	---	---	9 x 4.3 x 3	3660	3335	38.7	44	2547	9.75	---
5	S4	---	---	---	9 x 4.3 x 3	3690	3230	38.7	42	2431	14.24	---
6	S4	---	---	---	8.9 x 4.3 x 3	3700	3265	38.27	43	2517	13.32	---
7	S4	---	---	---	8.8 x 4.3 x 3	3790	3350	37.84	42	2486	13.13	---
8	S4	---	---	---	8.8 x 4.2 x 2.9	3555	3160	36.96	42	2545	12.5	---
9	S4	---	---	---	8.9 x 4.3 x 3	3685	3280	38.27	38	2224	12.35	---
10	S4	---	---	---	8.8 x 4.3 x 3	3650	3230	37.84	42	2486	13	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

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Director/Dy. Director Concrete Laboratory



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Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

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

9734
Dr. M.Yousaf

To: Proprietor: Mr. Muhammad Shabbir Ahmad
Sher-e-Rabbani Decuration

Project: Nil

Our Ref. No. CL/CED/ 8891

Dated: 14/07/2025

Test Specification

Your Ref. No. Nil

Dated: Nil

(----)

COMPRESSION TEST REPORT



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

Specimens received on: 03/07/2025 Tested on: 14/07/2025 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	---	---	---	7.8 x 3.8 x 2.3	---	2525	29.64	46	3476	---	---
2	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.8 x 2.3	---	2535	29.64	53	4005	---	---
3	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.8 x 2.3	---	2840	29.64	62	4686	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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Director/Dy. Director Concrete Laboratory