



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.

9892
 Engr. A. Rehman

To: Minhas Construction Contractor
 Faisal Hill Taxila.

Project: HVAC Plant Room Water Tank Slab

Our Ref. No. CL/CED/ 9122

Dated: 08/08/2025

Test Specification

Your Ref. No. MCC/CFL/25

Dated: 31/7/2025

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 31/7/2025 **Tested on:** 08/08/2025 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	HVAC Water Tank Slab	14	7	2025	6Diax12	---	13	28.28	52	4119	---	Non Engraved
2	HVAC Water Tank Slab	14	7	2025	6Diax12	---	12.8	28.28	42	3327	---	Non Engraved
3	HVAC Water Tank Slab	14	7	2025	6Diax12	---	13	28.28	44	3485	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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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
- **** 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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Civil Engineering Department
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ORIGINAL
A carbon copy for the report has been retained in the lab for record.

9931
Engr. A. Rehman

To: Mr. Hafiz Muhammad Umer
Project Manager, The Vertical (Pvt) Ltd

Project: Sample Identification: (BTC)

Our Ref. No. CL/CED/ 9123

Dated: 08/08/2025

Test Specification

Your Ref. No. Vertical/V3/Site/23

Dated: 07/08/2025

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 07/08/2025 Tested on: 08/08/2025 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	BTC (3500 Psi)	29	7	2025	6Diax12	---	14	28.28	37	2931	---	Non Engraved
2	BTC (3500 Psi)	29	7	2025	6Diax12	---	14.2	28.28	42	3327	---	Non Engraved
3	BTC (3500 Psi)	30	7	2025	6Diax12	---	14	28.28	50	3960	---	Non Engraved
4	BTC (3500 Psi)	30	7	2025	6Diax12	---	14.4	28.28	39	3089	---	Non Engraved
5	---	---	---	---	---	---	---	---	---	---	---	---
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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
- **** 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.

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Director/Dy. Director Concrete Laboratory



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ORIGINAL
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9916
 Engr. A. Rehman

To: Engr. Abdullah
 P & C Engineer, Ittefaq Building Solutions Pvt Ltd

Project: AM International, Raiwind Road, Lahore

Our Ref. No. CL/CED/ 9124

Dated: 08/08/2025

Test Specification

Your Ref. No. Nil

Dated: 04/08/2025

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 06/08/2025 **Tested on:** 08/08/2025 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	FF Columns (3500 Psi)	8	7	2025	6Diax12	---	13.4	28.28	42	3327	---	Non Engraved
2	FF Columns (3500 Psi)	8	7	2025	6Diax12	---	13.8	28.28	52	4119	---	Non Engraved
3	FF Columns (3500 Psi)	8	7	2025	6Diax12	---	14	28.28	41	3248	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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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

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Director/Dy. Director Concrete Laboratory



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9908
 Engr. A. Rehman

To: Mr. Waqas Khan
 Assistant Resident Engineer, Package-01 (PCP) Wazirabad, MM Pakistan (Pvt) Ltd

Project: Storm Water Drainage Facilities at Wazirabad City

Our Ref. No. CL/CED/ 9125

Dated: 08/08/2025

Test Specification

Your Ref. No. MMP/WZD/SWD/30/2025

Dated: 26/7/2025

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 05/08/2025 Tested on: 08/08/2025 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	---	26	7	2025	6Diax12	---	13.2	28.28	70	5545	---	Non Engraved
2	---	26	7	2025	6Diax12	---	13.4	28.28	72	5703	---	Non Engraved
3	---	26	7	2025	6Diax12	---	13.2	28.28	44	3485	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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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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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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ORIGINAL
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9890
Dr. M. Yousaf

To: **Mr. Sajjad Karim**
Project Engineer, 7 Canal Developers, 7 Canal Park, Gulberg 2, Lahore.

Project: 7 Canal Residential Apartment Buildings

Our Ref. No. CL/CED/ 9126

Dated: 08/08/2025

Test Specification

Your Ref. No. Nil

Dated: 30/7/2025

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: **30/7/2025** Tested on: **04/08/2025** 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	5500 Psi	17	7	2025	6Diax12	---	14	28.28	67	5307	---	Non Engraved
2	5500 Psi	17	7	2025	6Diax12	---	13.8	28.28	59	4673	---	Non Engraved
3	5500 Psi	19	7	2025	6Diax12	---	13.8	28.28	55	4356	---	Non Engraved
4	5500 Psi	19	7	2025	6Diax12	---	15.4	28.28	54	4277	---	Non Engraved
5	4000 Psi	24	7	2025	6Diax12	---	14.8	28.28	52	4119	---	Non Engraved
6	4000 Psi	24	7	2025	6Diax12	---	15.2	28.28	50	3960	---	Non Engraved
7	4000 Psi	25	7	2025	6Diax12	---	15	28.28	49	3881	---	Non Engraved
8	4000 Psi	25	7	2025	6Diax12	---	15	28.28	49	3881	---	Non Engraved
9	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: **Mr. Atif Ali, CNIC 42501-7634440-7**

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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ORIGINAL
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9927
 Engr. A. Rehman

To: Mr. Mohsin Adeel
 Material Engineer, NESPAK (Pvt) Ltd. Samanabad Zone.

Project: Lahore Development Program-I (UC-85)

Our Ref. No. CL/CED/ 9127

Dated: 08/08/2025

Test Specification

Your Ref. No. 4891/NESPAK/WASA/LDP1/UC-85

Dated: 12/07/2025

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 07/08/2025 **Tested on:** 08/08/2025 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	Manholes bed/ Restoration(1:2:4)	13	6	2025	6x6x6	---	7.8	36	54	3360	---	Non Engraved
2	Manholes bed/ Restoration(1:2:4)	13	6	2025	6x6x6	---	7.6	36	54	3360	---	Non Engraved
3	Manholes bed/ Restoration(1:2:4)	13	6	2025	6x6x6	---	7.6	36	60	3733	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Director/Dy. Director Concrete Laboratory



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 University of Engineering and Technology, Lahore, Pakistan
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9921
 Engr. A. Rehman

To: Mr. Muhammad Imran
 Construction Manager, Ittefaq Building Solutions (Pvt) Ltd. (Ittefaq Housing Solutions)

Project: Mr. Imran Qamar Residence Cantt, Lahore (Building Name, PH 3; Structural Member, Roof)

Our Ref. No. CL/CED/ 9128

Dated: 08/08/2025

Test Specification

Your Ref. No. Nil

Dated: 06/08/2025

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 06/08/2025 **Tested on:** 08/08/2025 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	3500 Psi	31	7	2025	6x6x6	---	8.8	36	57	3547	---	Non Engraved
2	3500 Psi	31	7	2025	6x6x6	---	8.8	36	64	3982	---	Non Engraved
3	3500 Psi	31	7	2025	6x6x6	---	9	36	60	3733	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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- * 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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Director/Dy. Director Concrete Laboratory



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9921
 Engr. A. Rehman

To: Mr. Muhammad Imran
 Construction Manager, Ittefaq Building Solutions (Pvt) Ltd. (Ittefaq Housing Solutions)
Project: House for Mr. Bilal Qadri, 183-D, Model Town, Lahore. (Building Floor, Basement ; Structural Member, Raft)
 Our Ref. No. CL/CED/ 9129 Dated: 08/08/2025 Test Specification
 Your Ref. No. Nil Dated: 06/08/2025 (ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: **06/08/2025** Tested on: **08/08/2025** 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	3000 Psi	28	7	2025	6x6x6	---	9	36	48	2987	---	Non Engraved
2	3000 Psi	28	7	2025	6x6x6	---	8.8	36	58	3609	---	Non Engraved
3	3000 Psi	28	7	2025	6x6x6	---	8.8	36	57	3547	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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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.

9923
 Engr. A. Rehman

To: Mr. Tanvir Naqvi
 Resident Engineer, Highways and Transportation Engineering, NESPAK (Pvt) Ltd
Project: Scheme #18 Rehabilitation/ Improvement/ Patch Work on Link Road UC-128, 129, 130, 161, 163 Shalamar Zone Phase-II
Our Ref. No. CL/CED/ 9130 **Dated:** 08/08/2025 **Test Specification**
Your Ref. No. 4084/103/LDP/SMZ(S-18)/04/44 **Dated:** 19/6/2025 (BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 06/08/2025 Tested on: 08/08/2025 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	Concrete (1:2:4)	15	6	2025	6x6x6	---	8	36	28	1742	---	Non Engraved
2	Concrete (1:2:4)	15	6	2025	6x6x6	---	7.8	36	52	3236	---	Non Engraved
3	Concrete (1:2:4)	15	6	2025	6x6x6	---	7.8	36	29	1804	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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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
- **** 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



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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9923
 Engr. A. Rehman

To: Mr. Tanvir Naqvi
 Resident Engineer, Highways and Transportation Engineering, NESPAK (Pvt) Ltd
 Project: Scheme #18 Rehabilitation/ Improvement/ Patch Work on Link Road UC-128, 129, 130, 161, 163 Shalamar Zone Phase-II (Haji Park)
 Our Ref. No. CL/CED/ 9131 Dated: 08/08/2025 Test Specification
 Your Ref. No. 4084/103/LDP/SMZ(S-18)/04/48 Dated: 17/7/2025 (BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: **06/08/2025** Tested on: **08/08/2025** 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	Concrete (1:2:4)	28	7	2025	6x6x6	---	8.2	36	50	3111	---	Non Engraved
2	Concrete (1:2:4)	28	7	2025	6x6x6	---	8.6	36	52	3236	---	Non Engraved
3	Concrete (1:2:4)	28	7	2025	6x6x6	---	8.2	36	56	3484	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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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
- **** 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



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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9923
 Engr. A. Rehman

To: Mr. Tanvir Naqvi
 Resident Engineer, Highways and Transportation Engineering, NESPAK (Pvt) Ltd
 Project: Scheme #18 Rehabilitation/ Improvement/ Patch Work on Link Road UC-128, 129, 130, 161, 163 Shalamar Zone Phase-II (Link Multani Colony)
 Our Ref. No. CL/CED/ 9132 Dated: 08/08/2025 Test Specification
 Your Ref. No. 4084/103/LDP/SMZ(S-18)/04/49 Dated: 21/7/2025 (BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 06/08/2025 Tested on: 08/08/2025 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	Concrete (1:2:4)	2	8	2025	6x6x6	---	8.4	36	58	3609	---	Non Engraved
2	Concrete (1:2:4)	2	8	2025	6x6x6	---	8.2	36	61	3796	---	Non Engraved
3	Concrete (1:2:4)	2	8	2025	6x6x6	---	8.2	36	64	3982	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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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
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9917
 Engr. A. Rehman

To: Construction Manager
 For Ittefaq Building Solutions (Pvt) Ltd. (Ittefaq Housing Solutions)
Project: House For Mr. Abdullah Imtiaz, 605-Z, Phase-3, DHA Lahore (Building Floor, Basement Retaining Wall; Structural Member, Retaining Wall)
 Our Ref. No. CL/CED/ 9133 Dated: 08/08/2025 Test Specification
 Your Ref. No. Nil Dated: 06/08/2025 (BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: **06/08/2025** Tested on: **08/08/2025** 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	3000 Psi	22	7	2025	6x6x6	---	8.8	36	59	3671	---	Non Engraved
2	3000 Psi	22	7	2025	6x6x6	---	8.8	36	44	2738	---	Non Engraved
3	3000 Psi	22	7	2025	6x6x6	---	8.8	36	60	3733	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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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)
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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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9917
 Engr. A. Rehman

To: Construction Manager
 For Ittefaq Building Solutions (Pvt) Ltd. (Ittefaq Housing Solutions)
 Project: House For Mr. Abdullah Imtiaz, 605-Z, Phase-3, DHA Lahore (Building Floor, Basement; Structural Member, Raft)
 Our Ref. No. CL/CED/ 9134 Dated: 08/08/2025 Test Specification
 Your Ref. No. Nil Dated: 06/08/2025 (BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 06/08/2025 Tested on: 08/08/2025 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	3000 Psi	14	7	2025	6x6x6	---	8.6	36	44	2738	---	Non Engraved
2	3000 Psi	14	7	2025	6x6x6	---	9	36	46	2862	---	Non Engraved
3	3000 Psi	14	7	2025	6x6x6	---	8.8	36	58	3609	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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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
- **** 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



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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9917
 Engr. A. Rehman

To: Construction Manager
 For Ittefaq Building Solutions (Pvt) Ltd. (Ittefaq Housing Solutions)
 Project: House For Mr. Abdullah Imtiaz, 605-Z, Phase-3, DHA Lahore (Building Floor, Basement; Structural Member, Retaining Wall)
 Our Ref. No. CL/CED/ 9135 Dated: 08/08/2025 Test Specification
 Your Ref. No. Nil Dated: 06/08/2025 (BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 06/08/2025 Tested on: 08/08/2025 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	3000 Psi	23	7	2025	6x6x6	---	8.2	36	40	2489	---	Non Engraved
2	3000 Psi	23	7	2025	6x6x6	---	8.2	36	32	1991	---	Non Engraved
3	3000 Psi	23	7	2025	6x6x6	---	8.2	36	40	2489	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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- * 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)
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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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Civil Engineering Department
 University of Engineering and Technology, Lahore, Pakistan
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ORIGINAL
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9917
 Engr. A. Rehman

To: Construction Manager
 For Ittefaq Building Solutions (Pvt) Ltd. (Ittefaq Housing Solutions)
 Project: House For Mr. Abdullah Imtiaz, 605-Z, Phase-3, DHA Lahore (Building Floor, Basement; Structural Member, Raft)
 Our Ref. No. CL/CED/ 9136 Dated: 08/08/2025 Test Specification
 Your Ref. No. Nil Dated: 06/08/2025 (BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: **06/08/2025** Tested on: **08/08/2025** 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	3000 Psi	23	7	2025	6x6x6	---	8.6	36	56	3484	---	Non Engraved
2	3000 Psi	23	7	2025	6x6x6	---	9	36	62	3858	---	Non Engraved
3	3000 Psi	23	7	2025	6x6x6	---	8	36	64	3982	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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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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- 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
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9900
Engr. A. Rehman

To: Mr. Abid Hussain
Syed Brothers Construction Company

Project: Nil

Our Ref. No. CL/CED/ 9137

Dated: 08/08/2025

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: 04/08/2025 Tested on: 08/08/2025 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	---	25	7	2025	6x6x6	---	8.6	36	124	7716	---	Non Engraved
2	---	25	7	2025	6x6x6	---	8.2	36	68	4231	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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- * 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

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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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9939
Engr. A. Rehman

To: Radiant Construction Technologies LLP
54-E, Mohafiz Town, Multan Road, Lahore.

Project: Nil

Our Ref. No. CL/CED/ 9138

Dated: 08/08/2025

Test Specification

Your Ref. No. Nil

Dated: 08/08/2025

(----)

COMPRESSION TEST REPORT



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

Specimens received on: 08/08/2025 Tested on: 08/08/2025 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	ConTile Bond R	5	8	2025	2 x 2 x 2	---	225	4	2	1120	---	Non Engraved
2	ConTile Bond R	5	8	2025	2 x 2 x 2	---	225	4	2.5	1400	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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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
- **** 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)
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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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

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9914
Engr. A. Rehman

To: Mr. Mushtaq Ahmed
Assistant Director (Technical), Anti-Corruption Establishment, Sargodha Region, Sargodha
Project: Enquiry No. 78/2024 (KHB). Dualization of Sargodha Khushab Mianwali Road Length 60.43 Km in District Khushab. Group-I from Km No. 206.94 to 211.50 = 4.56 Km.
Our Ref. No. CL/CED/ 9139-1 of 5 Dated: 08/08/2025 Test Specification
Your Ref. No. No. ACE-SR-2025/4584 Dated: 05/05/2025 (ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 05/08/2025 Tested on: 08/08/2025 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	Group-I, RD = 61+00 (L)	27	5	2025	6Diax12	---	13	28.28	36	2851	---	Non Engraved
2	Group-I, RD = 61+00 (L)	27	5	2025	6Diax12	---	13	28.28	32	2535	---	Non Engraved
3	Group-I, RD = 61+00 (L)	27	5	2025	6Diax12	---	13	28.28	39	3089	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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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

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9914
 Engr. A. Rehman

To: Mr. Mushtaq Ahmed
 Assistant Director (Technical), Anti-Corruption Establishment, Sargodha Region, Sargodha
 Project: Enquiry No. 70/2024 (RFB), Dualization of Sargodha Khushab Mianwali Road Length 60.43 Km in
 District Khushab. Group-II from Km No. 211.50 to 222.25 = 10.75 Km, Group-III from Km No. 222.25 to 244.81 =
 22.56 Km Group-IV from Km No. 244.81 to 267.37 = 22.56 Km
 Our Ref. No. CL/CED/ 9139-2 of 5

Your Ref. No. No. ACE-SR-2025/4584

Dated: 08/08/2025 Test Specification
 Dated: 05/05/2025 (----)

COMPRESSION TEST REPORT



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

Specimens received on: 05/08/2025 Tested on: 08/08/2025 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 Absorpti on (%)	Remarks
		DD	MM	YYYY								
1	Group-II,RD = 178+00(L)-Curber	---	---	---	6x6x6	---	8.4	36	72	4480	---	Cut Piece
2	Group-II,RD = 178+00(L)-Curber	---	---	---	6x6x6	---	8.2	36	61	3796	---	Cut Piece
3	Gr-II,RD=178+0(L)-Mntn Curber	---	---	---	6x6x6	---	8	36	84	5227	---	Cut Piece
4	Gr-II,RD=178+0(L)-Mntn Curber	---	---	---	6x5.9x6	---	7.6	35.4	66	4176	---	Cut Piece
5	Group-III,RD = 818+00(R)-Curber	---	---	---	6x6x6	---	8.4	36	61	3796	---	Cut Piece
6	Group-III,RD = 818+00(R)-Curber	---	---	---	6x6x6	---	8.4	36	64	3982	---	Cut Piece
7	Group-IV,RD = 1511+00(R)-Curbr	---	---	---	6x6x6	---	8.6	36	66	4107	---	Cut Piece
8	Group-IV,RD = 1511+00(R)-Curbr	---	---	---	5.9x5.9x6	---	7.6	34.81	70	4504	---	Cut Piece
9	Gr-IV,RD=1511+00 Mntn-Curber	---	---	---	6x6x6	---	7.8	36	64	3982	---	Cut Piece
10	Gr-IV,RD=1511+00 Mntn-Curber	---	---	---	6x5.9x6	---	7.6	35.4	64	4050	---	Cut Piece
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

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- * 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

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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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

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 Engr. A. Rehman

To: Mr. Mushtaq Ahmed
 Assistant Director (Technical), Anti-Corruption Establishment, Sargodha Region, Sargodha
 Project: Enquiry No. 70/2024 (RFB), Dualization of Sargodha Khushab Mianwali Road Length 60.43 Km in District Khushab. Group-II from Km No. 211.50 to 222.25 = 10.75 Km. Group-IV from Km No. 244.81 to 267.37 = 22.56 Km
 Our Ref. No. CL/CED/ 9139-3 of 5 Dated: 08/08/2025 Test Specification
 Your Ref. No. No. ACE-SR-2025/4584 Dated: 05/05/2025 (----)

COMPRESSION TEST REPORT



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

Specimens received on: **05/08/2025** Tested on: **08/08/2025** 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	G-II, Rectangular, 60 mm, Red	---	---	---	7.7 x 3.8 x 2.3	---	2680	29.26	78	5971	---	---
2	G-II, Rectangular, 60 mm, Red	---	---	---	7.7 x 3.8 x 2.3	---	2685	29.26	72	5512	---	---
3	G-II, Rectangular, 60 mm, Red	---	---	---	7.7 x 3.8 x 2.3	---	2545	29.26	54	4134	---	---
4	G-II, Rectangular, 80 mm, Grey	---	---	---	7.7 x 3.8 x 3.2	---	3590	29.26	89	6813	---	---
5	G-II, Rectangular, 80 mm, Grey	---	---	---	7.7 x 3.8 x 3.2	---	3620	29.26	81	6201	---	---
6	G-II, Rectangular, 80 mm, Grey	---	---	---	7.7 x 3.8 x 3.2	---	3590	29.26	69	5282	---	---
7	G-IV, Rectangular, 60 mm, Grey	---	---	---	7.8 x 3.9 x 2.2	---	2675	30.42	123	9057	---	---
8	G-IV, Rectangular, 60 mm, Grey	---	---	---	7.8 x 3.9 x 2.2	---	2595	30.42	108	7953	---	---
9	G-IV, Rectangular, 60 mm, Red	---	---	---	7.8 x 3.9 x 2.2	---	2610	30.42	100	7364	---	---
10	G-IV, Rectangular, 80 mm, Grey	---	---	---	7.9 x 3.9 x 3.2	---	3825	30.81	59	4290	---	---
11	G-IV, Rectangular, 80 mm, Grey	---	---	---	7.9 x 3.9 x 3.2	---	4105	30.81	67	4871	---	---
12	G-IV, Rectangular, 80 mm, Grey	---	---	---	7.9 x 3.9 x 3.2	---	4100	30.81	77	5598	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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- * 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

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 Project Enquiry No. 70/2024 (RFB), Dualization of Sargodha Khushab Mianwali Road Length 60.43 Km III
 District Khushab. Group-II from Km No. 211.50 to 222.25 = 10.75 Km. Group-III from Km No. 222.25 to 244.81 =
 22.56 Km. Group-IV from Km No. 244.81 to 267.37 = 22.56 Km
 Our Ref. No. CL/CED/ 9139-4 of 5

Your Ref. No. No. ACE-SR-2025/4584

Dated: 08/08/2025 Test Specification
 Dated: 05/05/2025 (----)

COMPRESSION TEST REPORT



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

Specimens received on: 05/08/2025 Tested on: 08/08/2025 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 Absorpti on (%)	Remarks
		DD	MM	YYYY								
1	G-II, 888	---	---	---	8.9 x 4.3 x 2.9	---	3030	38.27	29	1697	---	---
2	G-II, 888	---	---	---	8.9 x 4.3 x 2.9	---	3060	38.27	37.5	2195	---	---
3	G-III, 888	---	---	---	9 x 4.3 x 3	---	3170	38.7	32.5	1881	---	---
4	G-III, 888	---	---	---	8.9 x 4.3 x 2.8	---	2920	38.27	40.5	2371	---	---
5	G-III, 888	---	---	---	8.9 x 4.3 x 3	---	3125	38.27	40	2341	---	---
6	G-IV, Machine Made (A)	---	---	---	8.2 x 4 x 2.5	---	2365	32.8	37	2527	---	---
7	G-IV, Machine Made (A)	---	---	---	8.4 x 4.1 x 2.6	---	2500	34.44	36	2341	---	---
8	G-IV, Machine Made (A)	---	---	---	8.4 x 4.1 x 2.8	---	2595	34.44	45	2927	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

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Note: Above results pertain to the unsealed samples supplied to the laboratory

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 Our Ref. No. CL/CED/ 9139-5 of 5 Dated: 08/08/2025 Test Specification
 Your Ref. No. No. ACE-SR-2025/4584 Dated: 05/05/2025 (BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: **05/08/2025** Tested on: **08/08/2025** 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 Absorpti on (%)	Remarks
		DD	MM	YYYY								
1	Gr-II,RD=178+0(L)-Side Drain	27	5	2025	6x6x6	---	8.2	36	109	6782	---	Non Engraved
2	Gr-II,RD=178+0(L)-Side Drain	27	5	2025	6x6x6	---	8.2	36	94	5849	---	Non Engraved
3	Group-IV,RD = 1511+0(R)-S/drain	13	1	2025	6x6x6	---	8	36	90	5600	---	Non Engraved
4	Group-IV,RD = 1511+0(R)-S/drain	13	1	2025	6x6x6	---	8.4	36	108	6720	---	Non Engraved
5	---	---	---	---	---	---	---	---	---	---	---	---
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- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
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