



**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.

4353  
 Dr. Umbreen

To: Mr. M. Afzal, Site Engineer  
 M/S Linker

Project: Construction of Hassan & Huma Residence-DHA Phase VIII, Sector-A, Lahore.

Our Ref. No. CL/CED/ 573

Dated: 08-12-22

Test Specification

Your Ref. No. LD/H&H/444-A/C-01

Dated: 05-12-22

( ASTM C39 )

## COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 5/12/2022 Tested on: 08-12-22 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	Basement Slab (3000 Psi)	29	10	2022	6Diax12	---	13	28.28	47	3723	---	Non Engraved
2	Basement Slab (3000 Psi)	29	10	2022	6Diax12	---	13	28.28	33	2614	---	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"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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4364  
 Dr. Umbreen

**To:** Mr. Manohar Lal, Resident Engineer  
 NESPAK (Pvt.) Limited, Highways and Transportation Engineering Division

**Project:** Dualization of Road From Gujranwala to M-2 Interchange at Kot Sarwar Via Hafizabad Km 6.20 to KM 80.35 Length 74.15 Km in District Gujranwala & Hafizabad (Section Km 23.20~40.20, L=17.00 Km)  
**Our Ref. No.** CL/CED/ 574      **Dated:** 08-12-22

**Test Specification**  
 ( BS 1881-116 )

**Your Ref. No.** SA-466F/103/GH/ML/Lab/56

**Dated:** 19/11/2022

## COMPRESSION TEST REPORT



ONLINE REPORT

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

**Specimens received on:** 06-12-22      **Tested on:** 08-12-22      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)	26	10	2022	6x6x6	---	8.4	36	94	5849	---	Non Engraved
2	(1:1.5:3)	26	10	2022	6x6x6	---	8.4	36	134	8338	---	Non Engraved
3	(1:1.5:3)	26	10	2022	6x6x6	---	8.4	36	138	8587	---	Non Engraved
4	(1:1.5:3)	30	10	2022	6x6x6	---	8.4	36	92	5724	---	Non Engraved
5	(1:1.5:3)	30	10	2022	6x6x6	---	8.8	36	75	4667	---	Non Engraved
6	(1:1.5:3)	30	10	2022	6x6x6	---	8.4	36	94	5849	---	Non Engraved
7	(1:1.5:3)	31	10	2022	6x6x6	---	8.4	36	104	6471	---	Non Engraved
8	(1:1.5:3)	31	10	2022	6x6x6	---	8.6	36	94	5849	---	Non Engraved
9	(1:1.5:3)	31	10	2022	6x6x6	---	8.6	36	88	5476	---	Non Engraved
10	(1:2:4)	26	10	2022	6x6x6	---	8.6	36	73	4542	---	Non Engraved
11	(1:2:4)	26	10	2022	6x6x6	---	8.6	36	71	4418	---	Non Engraved
12	(1:2:4)	26	10	2022	6x6x6	---	8.8	36	81	5040	---	Non Engraved
13	(1:2:4)	31	10	2022	6x6x6	---	8.4	36	88	5476	---	Non Engraved
14	(1:2:4)	31	10	2022	6x6x6	---	8.4	36	86	5351	---	Non Engraved
15	(1:2:4)	31	10	2022	6x6x6	---	8.4	36	81	5040	---	Non Engraved
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**



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**ORIGINAL**  
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4369  
 Dr. Umbreen

To: Prof. Dr. Engr. Abdullah Yasar  
 Campus Engineer, GC University, Lahore.

Project: Construction of New Girls Hostel at GCU Lahore Main Campus.

Our Ref. No. CL/CED/ 575

Dated: 08-12-22

Test Specification

Your Ref. No. GCU/Engr/2099/P

Dated: Nil

( BS 1881-116 )

## COMPRESSION TEST REPORT



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

Specimens received on: 07-12-22 Tested on: 08-12-22 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	(1:2:4)	4	11	2022	6x6x6	---	8.8	36	100	6222	---	Engraved
2	(1:2:4)	4	11	2022	6x6x6	---	8.8	36	98	6098	---	Engraved
3	(1:2:4)	4	11	2022	6x6x6	---	8.8	36	90	5600	---	Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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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4369  
 Dr. Umbreen

**To:** Mr. Malik Abdul Rauf  
 Assistant Engineer (Technical), GC University, Lahore  
**Project:** Construction of Sheikh Abdul Hassan Al-Shadhili Research Centre on Sufism, Science & Technology GC University Kala Shah Kaku Campus, Lahore.  
**Our Ref. No.** CL/CED/ 576      **Dated:** 08-12-22  
**Your Ref. No.** GCU/Engr/3000/P      **Dated:** 06-12-22

**Test Specification**  
 ( BS 1881-116 )

## COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: **07-12-22** Tested on: **08-12-22** 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	(1:2:4)	7	11	2022	6x6x6	---	8.4	36	57	3547	---	Engraved
2	(1:2:4)	7	11	2022	6x6x6	---	8.4	36	73	4542	---	Engraved
3	(1:2:4)	7	11	2022	6x6x6	---	8.8	36	73	4542	---	Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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**ORIGINAL**  
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4367  
 Dr. Umbreen

To: Mr. Ashiq Ali  
 Lahore Cantt. District Lahore.

Project: Construction of Residence of Mr. Saad Asghar 88-C Model Town, Lahore.

Our Ref. No. CL/CED/ 577

Dated: 08-12-22

Test Specification

Your Ref. No. Gen-429/4

Dated: 07-12-22

( BS 1881-116 )

## COMPRESSION TEST REPORT



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

Specimens received on: **07-12-22** Tested on: **08-12-22** 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	Beams and Slab	8	11	2022	6x6x6	---	8.2	36	86	5351	---	Non Engraved
2	Beams and Slab	8	11	2022	6x6x6	---	8.4	36	83	5164	---	Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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

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**ORIGINAL**  
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4370  
 Dr. Umbreen

**To:** Mr. Saifullah Amin, Sr. Resident Engineer  
 NESPAK (Pvt.) Limited, Environmental & Public Health Engineering Division  
**Project:** Punjab Intermediate Cities Improvement Investment Program (PICIIP). Consultancy Services for Engineering, Procurement and Construction Management, Watsan Sialkot (NCB-WORKS/PICIIP-11) LOT-01  
**Our Ref. No.** CL/CED/ 578      **Dated:** 08-12-22      **Test Specification**  
**Your Ref. No.** Nespak/SAH/UET/L1/057      **Dated:** 06-12-22      (----)

**COMPRESSION TEST REPORT**



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

Specimens received on: **07-12-22** Tested on: **08-12-22** 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	---	---	---	7.7 x 3.8 x 2.3	---	2380	29.26	55	4211	---	---	
2	Rectangular, Grey 60mm	---	---	---	7.7 x 3.8 x 2.3	---	2330	29.26	57	4364	---	---	
3	Rectangular, Grey 60mm	---	---	---	7.7 x 3.8 x 2.3	---	2405	29.26	65	4976	---	---	
4	Rectangular, Grey 60mm	---	---	---	7.7 x 3.8 x 2.3	---	2375	29.26	59	4517	---	---	
5	---	---	---	---	---	---	---	---	---	---	---	---	
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