



**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.

7258  
 Dr. M. Yousaf

**To:** Innovative ® Construction Company  
 193-Abubakar Block, New Garden Town, Lahore.

**Project:** Construction of ABL Sargodha

**Our Ref. No.** CL/CED/ 5105-2 of 2

**Dated:** 24-06-24

**Test Specification**

**Your Ref. No.** Nil

**Dated:** 04-06-24

(ASTM C39)

## COMPRESSION TEST REPORT



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

**Specimens received on:** 04-06-24 **Tested on:** 24-06-24 **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	(4000 Psi)	24	5	2024	6Diax12	---	14	28.28	34	2693	---	Non Engraved
2	(4000 Psi)	25	5	2024	6Diax12	---	14	28.28	51	4040	---	Non Engraved
3	(4000 Psi)	26	5	2024	6Diax12	---	13.8	28.28	38	3010	---	Non Engraved
4	(3000 Psi)	15	5	2024	6Diax12	---	13.4	28.28	50	3960	---	Non Engraved
5	(3000 Psi)	15	5	2024	6Diax12	---	14	28.28	45	3564	---	Non Engraved
6	---	---	---	---	---	---	---	---	---	---	---	---
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**Witnessed by:** Nil

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

- \* as engraved on the specimens (if any)
- \*\* BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- \*\*\* BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- \*\*\*\* ACI318-08 requires mean of two sample (6" 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**  
 A carbon copy for the report has been retained in the lab for record.

7334  
 Dr. Umbreen

**To:** Engr. Haseeb Afzal  
 Project Manager, HMB Developers (Pvt) Ltd.

**Project:** Commercial Tower, Finance Trade Centre, Lahore. (2nd Floor Shear Wall E'-F, C~D/1~2)

**Our Ref. No.** CL/CED/ 5131

**Dated:** 24-06-24

**Test Specification**

**Your Ref. No.** HMBDPL/S.O/06/24/112 (LHR)

**Dated:** 24-06-24

(ASTM C39)

**COMPRESSION TEST REPORT**



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

**Specimens received on:** 24-06-24 **Tested on:** 24-06-24 **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-108 (6000 Psi)	21	5	2024	6Diax12	---	13.6	28.28	76	6020	---	Non Engraved
2	CT-108 (6000 Psi)	21	5	2024	6Diax12	---	15	28.28	76	6020	---	Non Engraved
3	CT-108 (6000 Psi)	21	5	2024	6Diax12	---	14.6	28.28	99	7842	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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**Witnessed by:** Mr. Ghulam Nabi, CNIC # 35201-1248412-1 & Mr. Hassnain Haider, Strong Ready Mix

Results can also be seen on website <https://civil.uet.edu.pk/concrete-laboratory-reports/1/>

- \* 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

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**ORIGINAL**  
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7314  
Dr. M. Yousaf

To: Engr. Atif Bashir Ahmed  
Manager Civil General Building Department, HNR Company (Pvt.) Ltd

Project: Haier Factory Outside Gate 1,2 Asphalt and Gate 3 Paver work.

Our Ref. No. CL/CED/ 5132

Dated: 24-06-24

Test Specification

Your Ref. No. HNR/PRO/2024/01

Dated: 11-06-24

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## COMPRESSION TEST REPORT



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

Specimens received on: 13-06-24 Tested on: 24-06-24 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,80mm, PV-01	---	---	---	7.8 x 3.8 x 3.2	---	3710	29.64	91	6877	---	---
2	Rectangular, Grey,80mm, PV-02	---	---	---	7.8 x 3.8 x 3.2	---	3580	29.64	99	7482	---	---
3	Rectangular, Grey,80mm, PV-03	---	---	---	7.8 x 3.8 x 3.2	---	3640	29.64	111	8389	---	---
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)
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Director/Dy. Director Concrete Laboratory



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## Civil Engineering Department

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**ORIGINAL**  
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7307  
Dr. M. Yousaf

To: Mr. Muhammad Hassan Khan  
Resident Engineer, Highways and Transportation Engineering Division. NESPAK (Pvt) Ltd.  
Project: REMODELLING OF JORRAY PUL CHOWK, ZARRAR SHAHEED ROAD, LAHORE. (Contractor: M/S WAY MAKERS)  
Our Ref. No. CL/CED/ 5133 Dated: 24-06-24  
Your Ref. No. 4084/103/MHK/JPC/21 Dated: 03-06-24

Test Specification  
( --- )

### COMPRESSION TEST REPORT



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

Specimens received on: 13-06-24 Tested on: 24-06-24 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	---	---	---	7.7 x 3.8 x 2.4	---	2710	29.26	128	9799	---	---
2	Rectangular, Grey, 60mm	---	---	---	7.7 x 3.8 x 2.4	---	2755	29.26	118	9033	---	---
3	Rectangular, Grey, 60mm	---	---	---	7.7 x 3.8 x 2.4	---	2685	29.26	136	10411	---	---
4	Rectangular, Red, 60mm	---	---	---	7.7 x 3.8 x 2.4	---	2610	29.26	91	6967	---	---
5	Rectangular, Red, 60mm	---	---	---	7.7 x 3.8 x 2.4	---	2690	29.26	86	6584	---	---
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Witnessed by:

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7295  
 Dr. M. Yousaf

**To:** Mr. Saquib Akram  
 Resident Engineer, Highways and Transportation Engineering Division. NESPAK (Pvt) Ltd.  
 Project: Construction of Road PCC Streets with Provision of Drainage and Street Light at Waseem Park, Jinnah Colony, Attari Saroba, Venus Akhtar State, Sofia Abad and Adjoining Abadies Lahore.  
 Our Ref. No. CL/CED/ 5134      Dated: 24-06-24  
 Your Ref. No. 3772/103/LDA-Waseem Park/SA/04/02      Dated: 10-06-24

Test Specification  
 ( BS 3921\*\* )

## COMPRESSION TEST REPORT



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

Specimens received on: 11-06-24 Tested on: 24-06-24 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	NC	---	---	---	8.9 x 4.3 x 2.9	---	3120	38.27	39	2283	---	---
2	NC	---	---	---	8.8 x 4.2 x 2.8	---	2990	36.96	51	3091	---	---
3	NC	---	---	---	8.9 x 4.3 x 3	---	3330	38.27	48	2810	---	---
4	NC	---	---	---	9 x 4.3 x 2.9	---	3240	38.7	46	2663	---	---
5	NC	---	---	---	8.8 x 4.2 x 2.9	---	3135	36.96	45	2727	---	---
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ORIGINAL  
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7270  
 Dr. M. Yousaf

**To: Mr. Usman Rauf**  
 Resident Engineer, Highways and Transportation Engineering Division. NESPAK (Pvt) Ltd.  
**Project: Rehabilitation and Improvement of PCC Syed Waqar Hussain Shah Street Link Moon Medical Store**  
 Mian Bazar Jia Musa, Shahdara Ravi Zone Lahore. Rehabilitation of Ali Pur Road (Iqbal Zone)  
 Our Ref. No. CL/CED/ 5135      Dated: 24-06-24  
 Your Ref. No. 4048/103/MUR/104/1858      Dated: 01-06-24

Test Specification  
 ( BS 3921\*\* )

## COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 05-06-24 Tested on: 24-06-24 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	Talwar	---	---	---	8.8 x 4.1 x 2.9	3480	3150	36.08	46	2856	10.48	---
2	Talwar	---	---	---	9 x 4.3 x 2.8	3720	3225	38.7	43	2489	15.35	---
3	Talwar	---	---	---	8.9 x 4.1 x 2.9	3530	3225	36.49	42	2578	9.46	---
4	Talwar	---	---	---	8.8 x 4.3 x 2.9	3760	3305	37.84	38	2249	13.77	---
5	Talwar	---	---	---	8.8 x 4.1 x 2.8	3390	3045	36.08	42	2608	11.33	---
6	Talwar	---	---	---	8.8 x 4 x 2.9	3465	3180	35.2	40	2545	8.96	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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Director/Dy. Director Concrete Laboratory



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ORIGINAL  
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7278  
 Dr. M. Yousaf

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

Project: Quality School Foundation, at Hasanabdal.

Our Ref. No. CL/CED/ 5136

Dated: 24-06-24

Test Specification

Your Ref. No. Nil

Dated: 06-06-24

( BS 3921\*\* )

## COMPRESSION TEST REPORT



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

Specimens received on: 07-06-24 Tested on: 24-06-24 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	RP	---	---	---	8.6 x 4.1 x 2.9	3235	2700	35.26	47	2986	19.81	---
2	RP	---	---	---	8.5 x 4 x 2.9	3170	2690	34	49	3228	17.84	---
3	RP	---	---	---	8.6 x 4.2 x 3	3100	2650	36.12	49	3039	16.98	---
4	RP	---	---	---	8.7 x 4.1 x 3	3215	2690	35.67	47	2951	19.52	---
5	RP	---	---	---	8.8 x 4.1 x 3	3195	2645	36.08	47	2918	20.79	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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7303  
 Dr. M. Yousaf

**To:** Mr. Murat Waseem Peerzada  
 M/S Premier Town Developers.

**Project:** Construction of 100,000 Gallons Over Head Water Tank at Al-Hamra Town, Lahore.

**Our Ref. No.** CL/CED/ 5137

**Dated:** 24-06-24

**Test Specification**

**Your Ref. No.** Alham-OHWT-3730

**Dated:** 12-06-24

(ASTM C39)

## COMPRESSION TEST REPORT



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

**Specimens received on:** 12-06-24 **Tested on:** 24-06-24 **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	OHWT Bowl (1:1.5:3)(4000 Psi)	15	5	2024	6Diax12	---	13.4	28.28	53	4198	---	Engraved
2	OHWT Bowl (1:1.5:3)(4000 Psi)	15	5	2024	6Diax12	---	13.4	28.28	75	5941	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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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"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.

7303  
 Dr. M. Yousaf

**To: Mr. Murat Waseem Peerzada**  
 M/S Premier Town Developers.

**Project: Construction of 100,000 Gallons Over Head Water Tank at Al-Hamra Town, Lahore.**

**Our Ref. No. CL/CED/ 5138**

**Dated: 24-06-24**

**Test Specification**

**Your Ref. No. Alham-OHWT-3731**

**Dated: 12-06-24**

**(ASTM C39)**

**COMPRESSION TEST REPORT**



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

**Specimens received on: 12-06-24    Tested on: 24-06-24    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	OHWT Bowl (1:1.5:3)(4000 Psi)	17	5	2024	6Diax12	---	13.2	28.28	38	3010	---	Engraved
2	OHWT Bowl (1:1.5:3)(4000 Psi)	17	5	2024	6Diax12	---	13.6	28.28	73	5782	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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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" 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.

7317  
 Dr. M. Yousaf

**To:** Mr. Ilyas Majeed Sheikh  
 Chairman Eagle Developers, Dream Galleria

**Project:** Construction of Columns of 5th Floor Dream Galleria, Lahore.

**Our Ref. No. CL/CED/ 5139**

**Dated: 24-06-24**

**Test Specification**

**Your Ref. No. Nil**

**Dated: 14-06-24**

**(ASTM C39)**

## COMPRESSION TEST REPORT



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

**Specimens received on:** 14-06-24 **Tested on:** 24-06-24 **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	Columns	7	5	2024	6Diax12	---	13.4	28.28	51	4040	---	Non Engraved
2	Columns	7	5	2024	6Diax12	---	13.2	28.28	44	3485	---	Non Engraved
3	Columns	7	5	2024	6Diax12	---	13.2	28.28	39	3089	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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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" 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**