



**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.

6576  
 Dr. M. Yousaf

**To: Mr. SADAT WALEED ANSARI**  
 Chief Resident Engineer/TL, JERS Consultancy (Pvt) Ltd.

**Project: Punjab Cities Program (PCP) PMDFC, Construction of SWM Parking area in MC Daska. (M/s Imran Sharif Constructor).**

**Our Ref. No. CL/CED/ 4021**

**Dated: 22-01-24**

**Test Specification**

**Your Ref. No. 488-J01-102-09-02/CS/07**

**Dated: 22-01-24**

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**COMPRESSION TEST REPORT**



ONLINE REPORT

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

**Specimens received on: 22-01-24    Tested on: 22-01-24    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, Red, 80mm	---	---	---	3.2 thick	---	4655	36.99	130	7872	---	---
2	Uni Block, Grey, 80mm	---	---	---	3.2 thick	---	4615	36.99	108	6540	---	---
3	Uni Block, Grey, 80mm	---	---	---	3.2 thick	---	4670	36.99	115	6964	---	---
4	Uni Block, Grey, 80mm	---	---	---	3.2 thick	---	4950	36.99	104	6298	---	---
5	Uni Block, Grey, 80mm	---	---	---	3.2 thick	---	4835	36.99	100	6056	---	---
6		---	---	---	---	---	---	---	---	---	---	---
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**Witnessed by: Mr. Zubair Khan, PMDFC, Mr. Sheharyar Ahmed, JERS, Mr. M. Hamid Ali, Contractor**

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**



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**Civil Engineering Department**  
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6571  
 Dr. M. Yousaf

**To:** Mr. Saeed Ahmad  
 Plan Manager, OPI Gas (Pvt) Ltd. Jumber Multan Road.

**Project:** Nil

**Our Ref. No. CL/CED/ 4022**

**Dated: 22-01-24**

**Test Specification**

**Your Ref. No. Nil**

**Dated: 22-01-24**

( ---- )

## COMPRESSION TEST REPORT



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

**Specimens received on:** 22-01-24 **Tested on:** 22-01-24 **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	---	---	---	7.7 x 3.8 x 3	---	3500	29.26	83	6354	---	---
2	Rectangular, Grey, 80mm	---	---	---	7.7 x 3.8 x 3	---	3485	29.26	64	4900	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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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)
- 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**  
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ORIGINAL  
 A carbon copy for the report has been retained in the lab for record.

6535  
 Dr. M. Yousaf

**To:** Lt. Col. (R) Muhammad Ibrahim  
 Senior Estate Engineer, Sundar Industrial Estate.

**Project:** Extension of Jamia Masjid Phase-ii at Sundar Industrial Estate.

**Our Ref. No. CL/CED/ 4023**

**Dated: 22-01-24**

**Test Specification**

**Your Ref. No. BOM/SIE/BCD-11/1/24**

**Dated: 11-01-24**

**( BS 3921\*\* )**

## COMPRESSION TEST REPORT



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

**Specimens received on:** 12-01-24 **Tested on:** 22-01-24 **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	777	---	---	---	8.8 x 4.3 x 3	3605	3180	37.84	32	1894	13.36	---
2	777	---	---	---	8.8 x 4.3 x 3	3760	3340	37.84	38	2249	12.57	---
3	777	---	---	---	8.9 x 4.2 x 3	3675	3295	37.38	33	1978	11.53	---
4	777	---	---	---	8.9 x 4.4 x 3	3670	3325	39.16	43	2460	10.38	---
5	777	---	---	---	8.8 x 4.3 x 3	3715	3275	37.84	40	2368	13.44	---
6	777	---	---	---	8.8 x 4.3 x 3	3630	3240	37.84	30	1776	12.04	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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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

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6579  
 Dr. M. Yousaf

To: Mr. Muhammad Ismail  
 ARE, MMP Package V, Okara.

Project: Laying of Tuff Pavers / Tiles in Various Important Areas of Okara City. Punjab Cities Program (PCP) PMDFC.

Our Ref. No. CL/CED/ 4024

Dated: 22-01-24

Test Specification

Your Ref. No. MMP/MCO/PCP/167/2024

Dated: 22-01-24

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## COMPRESSION TEST REPORT



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

Specimens received on: 22-01-24      Tested on: 22-01-24      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	---	---	---	2.3 thick	---	3475	36.39	179	11018	---	---
2	Uni Block, Grey, 60mm	---	---	---	2.3 thick	---	3550	36.39	157	9664	---	---
3	Uni Block, Grey, 60mm	---	---	---	2.3 thick	---	3620	36.39	159	9787	---	---
4	Uni Block, Grey, 60mm	---	---	---	2.3 thick	---	3440	36.39	162	9972	---	---
5	Uni Block, Red, 60mm	---	---	---	2.3 thick	---	3360	36.39	160	9849	---	---
6	Uni Block, Red, 60mm	---	---	---	2.3 thick	---	3415	36.39	156	9603	---	---
7	Uni Block, Red, 60mm	---	---	---	2.3 thick	---	3620	36.39	138	8495	---	---
8	Uni Block, Red, 60mm	---	---	---	2.3 thick	---	3315	36.39	163	10034	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Mr. Muhammad Ismail, Mr. Ghulam Murtaza, Mr. Waseem Ahmad Hashmi.

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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6560  
 Dr. M. Yousaf

**To:** Engr. Hafiz Arslan Khan  
 Resident Engineer, Allied Engineering Consultants (Pvt) Ltd.

**Project:** Establishment of Mother & Child Block in Sir Ganga Ram Hospital, Lahore.

**Our Ref. No. CL/CED/ 4025**

**Dated: 22-01-24**

**Test Specification**

**Your Ref. No. AEC/MBC/2024/303**

**Dated: 15-01-24**

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## COMPRESSION TEST REPORT



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

**Specimens received on:** 18-01-24 **Tested on:** 22-01-24 **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	Kerb Stone	---	---	---	6 x 6 x 6	---	8.2	36	80	4978	---	Cut Cube
2	Kerb Stone	---	---	---	6 x 6 x 6	---	8.6	36	107	6658	---	Cut Cube
3	Kerb Stone	---	---	---	6 x 6 x 6	---	7.8	36	105	6533	---	Cut Cube
4	Kerb Stone	---	---	---	6 x 6 x 6	---	7.6	36	89	5538	---	Cut Cube
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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**Director/Dy. Director Concrete Laboratory**



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ORIGINAL  
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6531  
 Dr. M. Yousaf

**To:** Hafiz Saeed Ur Rehman  
 Resident Engineer, Construction Management Division, NESPAK (Pvt) Ltd.  
 Project: Remodeling and Upgradation of ADA Nullah & Walton Road. (Package-I). (Contractor: M/s NLC Engineers)  
 Our Ref. No. CL/CED/ 4026      Dated: 22-01-24  
 Your Ref. No. 4702/13/HSR/09/18      Dated: 11-01-24

Test Specification  
 ( BS 3921\*\* )

## COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 12-01-24 Tested on: 22-01-24 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	ABC	---	---	---	8.8 x 4.3 x 3	3820	3490	37.84	46	2723	9.46	---
2	ABC	---	---	---	8.9 x 4.4 x 3	3785	3340	39.16	40	2288	13.32	---
3	ABC	---	---	---	8.8 x 4.3 x 2.9	3760	3440	37.84	46	2723	9.3	---
4	ABC	---	---	---	8.9 x 4.4 x 2.9	3700	3400	39.16	38	2174	8.82	---
5	ABC	---	---	---	8.9 x 4.4 x 3	3800	3630	39.16	37	2116	4.68	---
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Witnessed by:

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

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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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**ORIGINAL**  
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6566  
 Dr. M.Yousaf

**To:** Mr. M. Saleem Construction Company, Engineers and Contractors  
 Lahore Road, Sheikhpura.

**Project:** Extension of Compressor Room Tapal Tea.

**Our Ref. No.** CL/CED/ 4027

**Dated:** 22-01-24

**Test Specification**

**Your Ref. No.** Cube Test

**Dated:** 19-01-24

( BS 1881-116 )

## COMPRESSION TEST REPORT



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

**Specimens received on:** 19-01-24 **Tested on:** 22-01-24 **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	Column C-1, 1st Slab	5	1	2024	6x6x6	---	8.6	36	65	4044	---	Engraved
2	Column C-1, 1st Slab	5	1	2024	6x6x6	---	8.6	36	57	3547	---	Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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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
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**Director/Dy. Director Concrete Laboratory**



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

6566  
 Dr. M.Yousaf

**To:** M. Saleem Construction Company, Engineers and Contractors  
 Lahore Road, Sheikhpura.

**Project:** Extension of Compressor Room Tapal Tea.

**Our Ref. No.** CL/CED/ 4028

**Dated:** 22-01-24

**Test Specification**

**Your Ref. No.** Cube Test

**Dated:** 19-01-24

( BS 1881-116 )

## COMPRESSION TEST REPORT



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

**Specimens received on:** 19-01-24 **Tested on:** 22-01-24 **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	Beam B-6, 1st Slab	11	1	2024	6x6x6	---	8.6	36	79	4916	---	Engraved
2	Beam B-6, 1st Slab	11	1	2024	6x6x6	---	8.6	36	75	4667	---	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-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**