



**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.

2514  
 Engr. Ubaid

**To:** Sub Divisional Officer  
 Buildings Sub Division No. 8, Lahore

**Project:** Construction of 4-Nos Additional Class Room at First Floor in Govt. Graduate College for Women Raiwind, Lahore.

**Our Ref. No.** CL/CED/ 6889

**Dated:** 17/01/2022

**Test Specification**

**Your Ref. No.** 248/8th

**Dated:** 22/12/2021

( BS 3921\*\* )

## COMPRESSION TEST REPORT



ONLINE REPORT

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

**Specimens received on:** 31/12/2021 **Tested on:** 13/01/2022 **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	Machine made Double Line	---	---	---	8.7 x 4.2 x 2.9	---	3085	36.54	47	2881	---	---
2	Machine made Double Line	---	---	---	8.8 x 4.1 x 2.9	---	3115	36.08	48	2980	---	---
3	Machine made Double Line	---	---	---	8.7 x 4.3 x 2.8	---	3055	37.41	49	2934	---	---
4	Machine made Double Line	---	---	---	8.7 x 4.3 x 2.9	---	3075	37.41	51	3054	---	---
5	Machine made Double Line	---	---	---	8.7 x 4.2 x 2.8	---	3105	36.54	54	3310	---	---
6	Machine made Double Line	---	---	---	8.8 x 4.3 x 2.9	---	3095	37.84	51	3019	---	---
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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  
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**ORIGINAL**  
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2459  
 Engr. Ubaid

**To:** Executive Engineer (B&W)  
 University of Veterinary and Animal Sciences (UVAS), Lahore.  
**Project:** Provision of Urgently Needed Male Hostel Facilities at University of Veterinary and Animal Sciences at Ravi Campus, Pattoki.  
 Our Ref. No. CL/CED/ 6890  
 Your Ref. No. E.E./707

Dated: 17/01/2022  
 Dated: 10-12-21

**Test Specification**  
 (----)

**COMPRESSION TEST REPORT**



ONLINE REPORT

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

Specimens received on: 20/12/2021 Tested on: 13/01/2022 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	S	---	---	---	8.8 x 4.3 x 3.1	3620	3245	37.84	50	2960	11.56	---
2	S	---	---	---	8.9 x 4.3 x 3	3680	3295	38.27	49	2868	11.68	---
3	S	---	---	---	9 x 4.3 x 2.9	3545	3185	38.7	52	3010	11.3	---
4	34	---	---	---	8.8 x 4.3 x 3	3665	3310	37.84	39	2309	10.73	---
5	34	---	---	---	8.8 x 4.3 x 2.9	3625	3280	37.84	50	2960	10.52	---
6	34	---	---	---	8.9 x 4.3 x 3	3620	3265	38.27	40	2341	10.87	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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**ORIGINAL**  
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2432  
 Dr. Umbreen

To: Lt. Col. (Ubaid ur Rehman, Retd.), SPM (JV) PEC Bldg Proj.  
 NLC Engineers - Tijaarat Developers (JV)

Project: Construction of PEC Regional Office, Lahore.

Our Ref. No. CL/CED/ 6891

Dated: 17/01/2022

Test Specification

Your Ref. No. 901/NLC-TD (JV)/PEC/453

Dated: 13/12/2021

( BS 3921\*\* )

## COMPRESSION TEST REPORT



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

Specimens received on: 14/12/2021 Tested on: 12-01-22 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	38	---	---	---	8.8 x 4.3 x 2.9	3795	3355	37.84	39	2309	13.11	---	
2	38	---	---	---	8.8 x 4.3 x 3	3640	3285	37.84	61	3611	10.81	---	
3	38	---	---	---	8.7 x 4.1 x 2.9	3530	3205	35.67	55	3454	10.14	---	
4	38	---	---	---	9 x 4.4 x 3	3750	3190	39.6	41	2319	17.55	---	
5	38	---	---	---	8.9 x 4.3 x 3	3630	3245	38.27	51	2985	11.86	---	
6	38	---	---	---	8.8 x 4.2 x 2.9	3460	3080	36.96	61	3697	12.34	---	
7	38	---	---	---	8.9 x 4.3 x 3.1	3915	3590	38.27	51	2985	9.05	---	
8	38	---	---	---	8.7 x 4.3 x 3	3600	3260	37.41	55	3293	10.43	---	
9	38	---	---	---	8.7 x 4.2 x 2.9	3400	3135	36.54	49	3004	8.45	---	
10	38	---	---	---	8.9 x 4.4 x 3	3725	3355	39.16	41	2345	11.03	---	
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Witnessed by:

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**ORIGINAL**  
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2461  
 Engr. Ubaid

To: **Muhammad Hammad Javed**  
 For **ANS ASSOCIATES**.

Project: **Construction of National Foods Galaxy Project at Fiedmc, Sahianwala, Faisalabad.**

Our Ref. No. **CL/CED/ 6892**

Dated: **17/01/2022**

**Test Specification**

Your Ref. No. **ANS/LHR/P-001/1**

Dated: **21/12/2021**

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## COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: **21-12-21** Tested on: **13-01-22** 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	3 Star	---	---	---	8.7 x 4.3 x 2.9	3530	3145	37.41	39	2335	12.24	---
2	3 Star	---	---	---	8.9 x 4.4 x 2.9	3775	3240	39.16	30	1716	16.51	---
3	3 Star	---	---	---	8.8 x 4.4 x 2.8	3510	3035	38.72	29	1678	15.65	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

1. \* as engraved on the specimens (if any)
2. \*\* BS3921 requires average of ten clay brick samples for crushing strength and water absorption
3. \*\*\* BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
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Director/Dy. Director Concrete Laboratory



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2461  
 Engr. Ubaid

To: **Muhammad Hammad Javed**  
 For **ANS ASSOCIATES**.

Project: **Construction of National Foods Galaxy Project at Fiedmc, Sahianwala, Faisalabad.**

Our Ref. No. **CL/CED/ 6893**

Dated: **17/01/2022**

**Test Specification**

Your Ref. No. **ANS/LHR/P-001/4**

Dated: **21/12/2021**

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## COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: **21/12/2021** Tested on: **13/1/2022** 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	S201	---	---	---	9 x 4.5 x 2.9	3755	3330	40.5	5	277	12.76	---
2	S201	---	---	---	9 x 4.3 x 3	3710	3240	38.7	22	1273	14.51	---
3	---	---	---	---	---	---	---	---	---	---	---	---
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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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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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2561  
 Dr. Umbreen

**To:** Mr. Maqsood Ahmed  
 Construction Manager, BSM Developers (Pvt) Ltd.  
 Project: Construction of Watch BSM Head Office of Concrete Lift Wall. (Contractor M/s Ghousia Engineering & Construction Pvt. Ltd.)  
 Our Ref. No. CL/CED/ 6894      Dated: 17/01/2022  
 Your Ref. No. CM/BSM/Ph-8/014      Dated: 10-01-22

**Test Specification**  
 ( ASTM C39 )

**COMPRESSION TEST REPORT**



ONLINE REPORT

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

Specimens received on: 11-01-22      Tested on: 12-01-22      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	Ground Floor (4000 Psi)	10	12	2021	6Diax12	---	14	28.28	53	4198	---	Non Engraved
2	Ground Floor (4000 Psi)	10	12	2021	6Diax12	---	13.8	28.28	39	3089	---	Non Engraved
3	Ground Floor (4000 Psi)	10	12	2021	6Diax12	---	14	28.28	51	4040	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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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**  
 A carbon copy for the report has been retained in the lab for record.

2530  
 Dr. Qasim

**To:** Mr. Maqsood Ahmed  
 Construction Manager, BSM Developers (Pvt) Ltd.  
 Project: Construction of Watch BSM Head Office of Concrete Column. (Contractor M/s Ghousia Engineering & Construction Pvt. Ltd.). (Ground Floor Column, A/1-4, B/1, C/1-2)  
 Our Ref. No. CL/CED/ 6895      Dated: 17/01/2022  
 Your Ref. No. CM/BSM/Ph-8/014      Dated: 04-01-22

**Test Specification**  
 ( ASTM C39 )

## COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: **04-01-22** Tested on: **14/01/2022** 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)	6	12	2021	6Diax12	---	13.8	28.28	34	2693	---	Non Engraved
2	(4000 Psi)	6	12	2021	6Diax12	---	13.8	28.28	38	3010	---	Non Engraved
3	(4000 Psi)	6	12	2021	6Diax12	---	14	28.28	39	3089	---	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/>

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**ORIGINAL**  
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2449  
 Dr. Umbreen

To: (Mr. Umair Maqsood)  
 Sub Divisional Officer, Buildings Sub Division, Assembly Lahore.

Project: Construction of MPA Hostel (Phase-II) Lahore (Group No.01)

Our Ref. No. CL/CED/ 6896

Dated: 17/01/2022

Test Specification

Your Ref. No. No. 917

Dated: 08-12-21

( BS 3921\*\* )

**COMPRESSION TEST REPORT**



ONLINE REPORT

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

Specimens received on: 17/12/2021 Tested on: 12-01-22 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	56	---	---	---	8.9 x 4.4 x 3	3760	3305	39.16	45	2574	13.77	---
2	56	---	---	---	9 x 4.4 x 3	3830	3335	39.6	51	2885	14.84	---
3	56	---	---	---	8.9 x 4.4 x 3	3770	3290	39.16	41	2345	14.59	---
4	56	---	---	---	9 x 4.4 x 2.9	3675	3190	39.6	45	2545	15.2	---
5	56	---	---	---	8.9 x 4.3 x 3	3690	3255	38.27	45	2634	13.36	---
0	---	---	---	---	---	---	---	---	---	---	---	---
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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.

2586  
 Dr. Mazhar

**To:** Major (R) Muhammad Aslam, Resident Engineer  
 For and on behalf of Al-Imam Enterprises Pvt. Ltd. (Traffic Management Package-XIII.)

**Project:** Construction of Penta Square, Phase V, DHA Lahore. (M/s Guarantee Engineers Pvt. Ltd.)

**Our Ref. No.** CL/CED/ 6897

**Dated:** 17-01-22

**Test Specification**

**Your Ref. No.** AI-Imam/746/PS-1/DHA/LHE/708

**Dated:** 27-12-21

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## COMPRESSION TEST REPORT



ONLINE REPORT

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

**Specimens received on:** 13-01-22 **Tested on:** 17-01-22 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, 50mm	---	---	---	7.7 x 3.9 x 2	---	2300	30.03	96	7161	---	---	
2	Rectangular, Grey, 50mm	---	---	---	7.7 x 3.9 x 2	---	2265	30.03	92	6862	---	---	
3	Rectangular, Grey, 50mm	---	---	---	7.7 x 3.9 x 2	---	2235	30.03	92	6862	---	---	
4	Rectangular, Red, 50mm	---	---	---	7.7 x 3.9 x 1.9	---	2240	30.03	130	9697	---	---	
5	Rectangular, Red, 50mm	---	---	---	7.7 x 3.9 x 1.9	---	2235	30.03	118	8802	---	---	
6	Rectangular, Red, 50mm	---	---	---	7.7 x 3.9 x 1.9	---	2240	30.03	116	8653	---	---	
7	---	---	---	---	---	---	---	---	---	---	---	---	
8	---	---	---	---	---	---	---	---	---	---	---	---	
9	---	---	---	---	---	---	---	---	---	---	---	---	
10	---	---	---	---	---	---	---	---	---	---	---	---	
11	---	---	---	---	---	---	---	---	---	---	---	---	
12	---	---	---	---	---	---	---	---	---	---	---	---	
13	---	---	---	---	---	---	---	---	---	---	---	---	
14	---	---	---	---	---	---	---	---	---	---	---	---	
15	---	---	---	---	---	---	---	---	---	---	---	---	
16	---	---	---	---	---	---	---	---	---	---	---	---	

**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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- \*\*\*\* ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as compressive strength

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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.

2472  
 Dr. Mazhar

**To:** (M. Nadeem Zafar Ullah), Incharge (Civil)  
 For Managing Director, Sui Northern Gas Pipelines Limited.

**Project:** Construction of Store Shed at Regional Distribution Office Lahore.

**Our Ref. No.** CL/CED/ 6898

**Dated:** 17/01/2022

**Test Specification**

**Your Ref. No.** CC/S.Shed/Lhr/01

**Dated:** 22-12-21

( BS 3921\*\* )

## COMPRESSION TEST REPORT



ONLINE REPORT

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

**Specimens received on:** 23-12-21 **Tested on:** 17-01-22 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	101	---	---	---	8.7 x 4.3 x 2.8	3610	3245	37.41	55	3293	11.25	---	
2	101	---	---	---	8.8 x 4.3 x 2.9	3565	3215	37.84	55	3256	10.89	---	
3	101	---	---	---	8.8 x 4.2 x 2.9	3815	3455	36.96	45	2727	10.42	---	
4	101	---	---	---	8.9 x 4.3 x 2.7	3660	3300	38.27	46	2692	10.91	---	
5	101	---	---	---	8.7 x 4.3 x 2.9	3745	3400	37.41	51	3054	10.15	---	
6	101	---	---	---	8.8 x 4.1 x 2.8	3395	3045	36.08	53	3290	11.49	---	
7	101	---	---	---	9 x 4.3 x 2.8	3505	3145	38.7	37	2142	11.45	---	
8	101	---	---	---	9 x 4.3 x 2.9	3620	3245	38.7	45	2605	11.56	---	
9	101	---	---	---	9 x 4.3 x 3	3695	3340	38.7	49	2836	10.63	---	
10	101	---	---	---	8.8 x 4.3 x 2.8	3545	3180	37.84	45	2664	11.48	---	
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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**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.

2592  
 Dr. Mazhar

**To:** Mr. Sarfraz Rasheed (GM Projects)  
 For, Ittefaq Building Solutions Pvt. Ltd. Lahore.

**Project:** Fauji Fresh n Freeze-Sahiwal.

**Our Ref. No.** CL/CED/ 6899

**Dated:** 17-01-22

**Test Specification**

**Your Ref. No.** Nil

**Dated:** 13-01-22

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## COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: **14-01-22** Tested on: **17-01-22** 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, 80 mm	---	---	---	7.7 x 3.8 x 3	---	3690	29.26	93	7120	---	---	
2	Rectangular, Grey, 80 mm	---	---	---	7.7 x 3.8 x 3	---	3630	29.26	100	7656	---	---	
3	Rectangular, Grey, 80 mm	---	---	---	7.7 x 3.8 x 3	---	3650	29.26	106	8115	---	---	
4	---	---	---	---	---	---	---	---	---	---	---	---	
5	---	---	---	---	---	---	---	---	---	---	---	---	
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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory