



**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.

2785  
 Dr. Aqsa

**To:** M A Shehzad  
 First Enterprises, 23 Km Raiwind Road, Lahore.

**Project:** PMAHS Raiwind.

**Our Ref. No.** CL/CED/ 8101

**Dated:** 22-02-22

**Test Specification**

**Your Ref. No.** Nil

**Dated:** 17-02-22

( BS 3921\*\* )

## COMPRESSION TEST REPORT



ONLINE REPORT

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

**Specimens received on:** 17-02-22 **Tested on:** 22-02-22 **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	LC-1	---	---	---	9 x 4.4 x 2.9	---	3470	39.6	35	1980	---	Fly Ash Brick
2	LC-2	---	---	---	9 x 4.4 x 2.9	---	3505	39.6	36	2036	---	Fly Ash Brick
3	LC-3	---	---	---	9 x 4.4 x 2.9	---	3480	39.6	37	2093	---	Fly Ash Brick
4	LC-4	---	---	---	9 x 4.4 x 2.9	---	3400	39.6	34	1923	---	Fly Ash Brick
5	LC-5	---	---	---	9 x 4.4 x 2.9	---	3435	39.6	33	1867	---	Fly Ash Brick
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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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
- \*\*\* 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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 Dr. Aqsa

To: M A Shehzad  
 First Enterprises, 23 Km Raiwind Road, Lahore.

Project: PMAHS Raiwind.

Our Ref. No. CL/CED/ 8102

Dated: 22-02-22

Test Specification

Your Ref. No. Nil

Dated: 17-02-22

( BS 3921\*\* )

**COMPRESSION TEST REPORT**



ONLINE REPORT

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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	BRK-1	---	---	---	9 x 4.4 x 2.7	---	3160	39.6	19	1075	---	Fly Ash Brick
2	BRK-2	---	---	---	9 x 4.4 x 2.8	---	3640	39.6	40	2263	---	Fly Ash Brick
3	BRK-3	---	---	---	9 x 4.4 x 2.8	---	3570	39.6	44	2489	---	Fly Ash Brick
4	BRK-4	---	---	---	9 x 4.4 x 3	---	3375	39.6	29	1640	---	Fly Ash Brick
5	BRK-5	---	---	---	9 x 4.4 x 2.9	---	3560	39.6	38	2149	---	Fly Ash Brick
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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2802  
 Dr. Umbreen

**To:** Deputy Director  
 Phata, Sub Region, Okara (M/s Pak Shahid Developers JV)  
**Project:** Construction of Housing Units 03/05 Marla (Single Bed and Double Bed) in Ads-II Renala Khurd District Okara Under Naya Pakistan Housing Program  
**Our Ref. No.** CL/CED/ 8103      **Dated:** 22-02-22  
**Your Ref. No.** Memo No.786      **Dated:** 28-12-21

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

**COMPRESSION TEST REPORT**



ONLINE REPORT

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

Specimens received on: 21-02-22      Tested on: 22-02-22      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	---	20	12	2021	6x6x6	---	8.4	36	51	3173	---	Engraved
2	---	20	12	2021	6x6x6	---	8.4	36	53	3298	---	Engraved
3	---	20	12	2021	6x6x6	---	8.2	36	55	3422	---	Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Nil

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2803  
 Engr. Abdu Rehman

**To:** Engr. Imran Saddique (Planning & Coordination Engineer)  
 Ittefaq Building Solutions (Pvt.) Ltd. Lahore

**Project:** Power House (Extension) Reliance Cotton Spinning Mills Ltd.

**Our Ref. No.** CL/CED/ 8104

**Dated:** 22-02-22

**Test Specification**

**Your Ref. No.** IBS/RPH/04

**Dated:** 21-02-22

( BS 1881-116 )

## COMPRESSION TEST REPORT



ONLINE REPORT

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

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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	C3,C1 above Plinth to tie Beam	13	1	2022	6x6x6	---	8.4	36	106	6596	---	Non Engraved
2	Plinth Beam @ Grid (9-12/C1)	14	1	2022	6x6x6	---	8.4	36	104	6471	---	Non Engraved
3	Basement SOG @ Grid (8-9/A-C)	17	1	2022	6x6x6	---	8.4	36	94	5849	---	Non Engraved
4	Branch Pipe Trench Bed	18	1	2022	6x6x6	---	8.4	36	138	8587	---	Non Engraved
5	Branch Pipe Trench Bed	18	1	2022	6x6x6	---	8.2	36	140	8711	---	Non Engraved
6	Plinth Beams on Line 9	19	1	2022	6x6x6	---	8.2	36	94	5849	---	Non Engraved
7	Cable Trench Bed @Grid(9-10/A1-C1)	20	1	2022	6x6x6	---	8.4	36	142	8836	---	Non Engraved
8	---	---	---	---	---	---	---	---	---	---	---	---
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