



**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.

1936  
 Dr. Umbreen

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

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

**Our Ref. No.** CL/CED/ 5002

**Dated:** 24-09-21

**Test Specification**

**Your Ref. No.** No. 695

**Dated:** 14-09-21

( BS 1881-116 )

## COMPRESSION TEST REPORT



ONLINE REPORT

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

**Specimens received on:** 21-09-21 **Tested on:** 23-09-21 **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	Roof Slab (1:2:4)	15	7	2021	6x6x6	---	9	36	94	5849	---	Non Engraved
2	Roof Slab (1:2:4)	15	7	2021	6x6x6	---	9.2	36	65	4044	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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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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**To:** Mr. Umair Maqsood (Sub Divisional Officer)  
 Building Sub Division, Assembly, Lahore

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

**Our Ref. No.** CL/CED/ 5003

**Dated:** 24-09-21

**Test Specification**

**Your Ref. No.** No. 696

**Dated:** 14-09-21

( BS 1881-116 )

## COMPRESSION TEST REPORT



ONLINE REPORT

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

**Specimens received on:** 21-09-21 **Tested on:** 23-09-21 **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	Roof Slab (1:2:4)	1	7	2021	6x6x6	---	8.8	36	102	6347	---	Non Engraved
2	Roof Slab (1:2:4)	1	7	2021	6x6x6	---	94	36	94	5849	---	Non Engraved
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)
- \*\* 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

**Note:** Above results pertain to the unsealed samples supplied to the laboratory

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 Dr. Umbreen

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

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

**Our Ref. No.** CL/CED/ 5004

**Dated:** 24-09-21

**Test Specification**

**Your Ref. No.** No. 504

**Dated:** 07-07-21

( BS 1881-116 )

## COMPRESSION TEST REPORT



ONLINE REPORT

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

**Specimens received on:** 21-09-21 **Tested on:** 23-09-21 **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 (1:1.5:3)	29	4	2021	6x6x6	---	9	36	79	4916	---	Non Engraved
2	Column (1:1.5:3)	29	4	2021	6x6x6	---	9	36	94	5849	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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1907  
 Dr. Umbreen

**To: Sub Divisional Officer**  
 Building Sub Division Nankana Sahib  
**Project: Construction of Baba Guru Nanak University at Nankana Sahib (Phase-I) Group.1 (ADP Scheme No.254 Year 2021-21)**  
 Our Ref. No. CL/CED/ 5005      Dated: 24-09-21  
 Your Ref. No. No. 164/SDO/BSNNS      Dated: 06-09-21

Test Specification  
 ( BS 1881-116 )

## COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: **15-09-21** Tested on: **23-09-21** 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	RCC (1:2:4)	11	8	2021	6x6x6	---	9	36	67	4169	---	Engraved
2	RCC (1:2:4)	11	8	2021	6x6x6	---	8.8	36	73	4542	---	Engraved
3	RCC (1:2:4)	11	8	2021	6x6x6	---	9	36	73	4542	---	Engraved
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