



**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.

**5535**  
 Engr. Ubaid

**To:** Mr. Sarfaraz Ahmad  
 Project Manager, BEMSOL Pvt. Ltd.

**Project:** Foundations (M~N/15~16) Bulleh Shah Packages Boiler 75TPH.

**Our Ref. No.** CL/CED/ 2331

**Dated:** 13-07-23

**Test Specification**

**Your Ref. No.** Nil

**Dated:** 10-07-23

( BS 1881-116 )

## COMPRESSION TEST REPORT



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

Specimens received on: **13-07-23** Tested on: **13-07-23** 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	C-30	7	6	2023	6 x 6 x 6	---	8.6	36	102	6347	---	Non Engraved
2	C-30	7	6	2023	6 x 6 x 6	---	8.8	36	85	5289	---	Non Engraved
3	C-30	7	6	2023	6 x 6 x 6	---	9	36	123	7653	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Nil

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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**ORIGINAL**  
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5505  
 Engr. Ubaid

**To:** Manager ABL-SIER P#12  
 AMCORP Engineering & Construction Pvt. Ltd.

**Project:** Construction of ABL Proposed Commercial Building Sundar Industrial Plot No.12.

**Our Ref. No.** CL/CED/ 2332

**Dated:** 13-07-23

**Test Specification**

**Your Ref. No.** ABL-SIER-AMC-QAQC-26

**Dated:** 10-07-23

( ASTM C39 )

## COMPRESSION TEST REPORT



ONLINE REPORT

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

**Specimens received on:** 10-07-23 **Tested on:** 13-07-23 **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	Footing	11	6	2023	6Diax12	---	13.6	28.28	64	5069	---	Non Engraved
2	Footing	11	6	2023	6Diax12	---	13.6	28.28	64	5069	---	Non Engraved
3	Footing	11	6	2023	6Diax12	---	13.6	28.28	70	5545	---	Non Engraved
4	Precast Panels Slab	12	6	2023	6Diax12	---	13	28.28	63	4990	---	Non Engraved
5	Precast Panels Slab	12	6	2023	6Diax12	---	13.4	28.28	64	5069	---	Non Engraved
6	Precast Panels Slab	12	6	2023	6Diax12	---	13	28.28	60	4752	---	Non Engraved
7	Footing	12	6	2023	6Diax12	---	13.4	28.28	70	5545	---	Non Engraved
8	Footing	12	6	2023	6Diax12	---	13.4	28.28	75	5941	---	Non Engraved
9	Footing	12	6	2023	6Diax12	---	13.4	28.28	73	5782	---	Non Engraved
10	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

**Witnessed by:** Nil

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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5513  
 Engr. Ubaid

**To:** Prof. Dr. Engr. Abdullah Yasar,  
 Campus Engineer, GC University, Lahore.

**Project:** Construction of New Girls Hostel at Main Campus, GC University, Lahore. (Column at 2nd Floor at Servant Quarter.)

**Our Ref. No.** CL/CED/ 2333

**Dated:** 13-07-23

**Test Specification**

**Your Ref. No.** GCU/Engr/004A

**Dated:** 07-07-23

( BS 1881-116 )

## COMPRESSION TEST REPORT



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

**Specimens received on:** 11-07-23 **Tested on:** 13-07-23 **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	(1:1.5:3)	7	6	2023	6x6x6	---	8.2	36	66	4107	---	Non Engraved
2	(1:1.5:3)	7	6	2023	6x6x6	---	8.6	36	60	3733	---	Non Engraved
3	(1:1.5:3)	7	6	2023	6x6x6	---	8.6	36	61	3796	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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**Witnessed by:** Nil

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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**5503**  
 Engr. Ubaid

**To:** Mr. Ashiq Ali  
 Mustafabad, Lahore Cantt.

**Project:** Residence of Henna Haque 116-H Model Town, Lahore .

**Our Ref. No.** CL/CED/ 2334

**Dated:** 13-07-23

**Test Specification**

**Your Ref. No.** Gen-430/4

**Dated:** 10-07-23

( BS 1881-116 )

## COMPRESSION TEST REPORT



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

Specimens received on: **10-07-23** Tested on: **13-07-23** 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	8	6	2023	6x6x6	---	9	36	79	4916	---	Engraved
2	Roof Slab	8	6	2023	6x6x6	---	8.6	36	83	5164	---	Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Nil

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

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5507  
 Engr. Ubaid

To: Resident Engineer  
 ECSP BGNU

Project: Engineering Consultancy Services for Construction of Baba Guru Nanak University, Nankana Sahib. (Boys Hostel 2nd Floor Columns)

Our Ref. No. CL/CED/ 2335

Dated: 13-07-23

Test Specification

Your Ref. No. ECSP/BGNU/56

Dated: 05-06-23

( BS 1881-116 )

## COMPRESSION TEST REPORT



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

Specimens received on: **10-07-23** Tested on: **13-07-23** 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	(1:1.5:3)	28	5	2023	6x6x6	---	8.4	36	67	4169	---	Engraved
2	(1:1.5:3)	28	5	2023	6x6x6	---	8.4	36	51	3173	---	Engraved
3	(1:1.5:3)	28	5	2023	6x6x6	---	8.2	36	70	4356	---	Engraved
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Witnessed by: Nil

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

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