



**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.

5333  
 Dr. Asad Gillani

**To:** Engr. Sarmad Rasheed Khan  
 Planning & Coordination Engineer, NETRACON Technologies (Pvt.) Ltd.

**Project:** WB-05A: Design Supply and Installation of 500KV Nowshera (New) Grid Station.

**Our Ref. No.** CL/CED/ 2152

**Dated:** 15/06/2023

**Test Specification**

**Your Ref. No.** NTT-HO/WB05A-120

**Dated:** 28/04/2023

( BS 3921\*\* )

## COMPRESSION TEST REPORT



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

**Specimens received on:** 02/06/2023 **Tested on:** 15/06/2023 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	PR1	---	---	---	8.8 x 4.2 x 3	3155	2870	36.96	45	2727	9.93	---
2	PR1	---	---	---	8.7 x 4.2 x 2.7	3210	2860	36.54	43	2636	12.24	---
3	PR1	---	---	---	8.8 x 4.3 x 3	3210	2795	37.84	41	2427	14.85	---
4	PR1	---	---	---	8.8 x 4.3 x 2.9	3215	2855	37.84	49	2901	12.61	---
5	PR1	---	---	---	8.8 x 4.3 x 2.9	3235	2870	37.84	43	2545	12.72	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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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**



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**ORIGINAL**  
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5403  
 Dr. Umbreen

**To:** Engr's. Abdul Waheed, Project Engineer  
 OZ Developers Pvt. Ltd.

**Project:** Constructing a High Rise Building "Bahria Sky" at Bahria Orchard Phase 4, Lahore.

**Our Ref. No.** CL/CED/ 2153

**Dated:** 15/06/2023

**Test Specification**

**Your Ref. No.** Nil

**Dated:** 15/06/2023

( ASTM C39 )

## COMPRESSION TEST REPORT



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

**Specimens received on:** 15/06/2023 **Tested on:** 15/06/2023 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	---	16	5	2023	6Diax12	---	13.4	28.28	73	5782	---	Non Engraved
2	---	16	5	2023	6Diax12	---	13.2	28.28	75	5941	---	Non Engraved
3	---	16	5	2023	6Diax12	---	13.4	28.28	77	6099	---	Non Engraved
4	---	17	5	2023	6Diax12	---	13.8	28.28	77	6099	---	Non Engraved
5	---	17	5	2023	6Diax12	---	13.2	28.28	75	5941	---	Non Engraved
6	---	17	5	2023	6Diax12	---	13.6	28.28	84	6653	---	Non Engraved
7	---	17	5	2023	6Diax12	---	13.4	28.28	81	6416	---	Non Engraved
8	---	---	---	---	---	---	---	---	---	---	---	---
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**Witnessed by:** Engr. Abdul Waheed, OZ Developers

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)
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**Director/Dy. Director Concrete Laboratory**



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5400  
 Dr. Umbreen

**To:** Engr. Major Zia-ul-Islam (R)  
 Project Director, GCC Lahore

**Project:** Construction of Gulberg City Centre.

**Our Ref. No.** CL/CED/ 2154

**Dated:** 16/06/2023

**Test Specification**

**Your Ref. No.** OCC/CPD/28/183

**Dated:** 15/06/2023

( ASTM C39 )

## COMPRESSION TEST REPORT



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

**Specimens received on:** 15/06/2023 **Tested on:** 15/06/2023 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	Slab (4000 Psi)	8	6	2023	6Diax12	---	13	28.28	63	4990	---	Non Engraved
2	Slab (4000 Psi)	8	6	2023	6Diax12	---	13.8	28.28	77	6099	---	Non Engraved
3	Slab (4000 Psi)	8	6	2023	6Diax12	---	13	28.28	73	5782	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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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)
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5404  
 Dr. Umbreen

**To:** Mr. Sarfraz Ahmad, Project Manager  
 BEMSOL Private Limited.

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

**Our Ref. No.** CL/CED/ 2155

**Dated:** 15/06/2023

**Test Specification**

**Your Ref. No.** Nil

**Dated:** 15/06/2023

( BS 1881-116 )

## COMPRESSION TEST REPORT



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

**Specimens received on:** 15/06/2023 **Tested on:** 15/06/2023 **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	Lab # 01	7	6	2023	6x6x6	---	8	36	81	5040	---	Non Engraved
2	Lab # 01	7	6	2023	6x6x6	---	7.4	36	73	4542	---	Non Engraved
3	Lab # 01	7	6	2023	6x6x6	---	8.4	36	74	4604	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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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

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5404  
 Dr. Umbreen

**To:** Mr. Sarfraz Ahmad, Project Manager  
 BEMSOL Private Limited.

**Project:** Bulleh Shah Packages Boiler 75 TPH.

**Our Ref. No.** CL/CED/ 2156

**Dated:** 15/06/2023

**Test Specification**

**Your Ref. No.** Nil

**Dated:** 15/06/2023

( BS 1881-116 )

**COMPRESSION TEST REPORT**



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

**Specimens received on:** 15/06/2023 **Tested on:** 15/06/2023 **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	TM # 17	17	5	2023	6x6x6	---	8.4	36	61	3796	---	Non Engraved
2	TM # 17	17	5	2023	6x6x6	---	8.4	36	63	3920	---	Non Engraved
3	TM # 17	17	5	2023	6x6x6	---	8.2	36	61	3796	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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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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5404  
 Dr. Umbreen

**To:** Mr. Sarfraz Ahmad, Project Manager  
 BEMSOL Private Limited.

**Project:** Bulleh Shah Packages Boiler 75 TPH.

**Our Ref. No.** CL/CED/ 2157

**Dated:** 15/06/2023

**Test Specification**

**Your Ref. No.** Nil

**Dated:** 15/06/2023

( BS 1881-116 )

**COMPRESSION TEST REPORT**



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

**Specimens received on:** 15/06/2023 **Tested on:** 15/06/2023 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	TM # 18	18	5	2023	6x6x6	---	8.4	36	73	4542	---	Non Engraved
2	TM # 18	18	5	2023	6x6x6	---	8.4	36	81	5040	---	Non Engraved
3	TM # 18	18	5	2023	6x6x6	---	8.4	36	88	5476	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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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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**Note:** Above results pertain to the unsealed samples supplied to the laboratory

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5404  
 Dr. Umbreen

To: Mr. Sarfraz Ahmad, Project Manager  
 BEMSOL Private Limited.

Project: Bulleh Shah Packages Boiler 75 TPH.

Our Ref. No. CL/CED/ 2158

Dated: 15/06/2023

Test Specification

Your Ref. No. Nil

Dated: 15/06/2023

( BS 1881-116 )

## COMPRESSION TEST REPORT



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

Specimens received on: 15/06/2023 Tested on: 15/06/2023 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	TM # 19	18	5	2023	6x6x6	---	8.6	36	101	6284	---	Non Engraved
2	TM # 19	18	5	2023	6x6x6	---	8.8	36	81	5040	---	Non Engraved
3	TM # 19	18	5	2023	6x6x6	---	9	36	86	5351	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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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
- \*\*\*\* AC1318-08 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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5355  
 Dr. Umbreen

**To:** Mr. Abdul Kareem Tahir  
 Head Coordination and Development, Adabistan-e-Soophia, Lahore.

**Project:** Nil

**Our Ref. No.** CL/CED/ 2159

**Dated:** 15/06/2023

**Test Specification**

**Your Ref. No.** AES/23/16208

**Dated:** 08/06/2023

( ASTM C39 )

## COMPRESSION TEST REPORT



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

**Specimens received on:** 08/06/2023 **Tested on:** 15/06/2023 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	---	14	5	2023	6Diax12	---	13.6	28.28	37	2931	---	Non Engraved
2	---	14	5	2023	6Diax12	---	13	28.28	33	2614	---	Non Engraved
3	---	14	5	2023	6Diax12	---	13.2	28.28	35	2772	---	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/>

- \* 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.

5385  
 Dr. Umbreen

**To:** Eng. Asad Rashid Choudhary, P.E  
 Speed Construction Management (SCM), Lahore.

**Project:** Construction of KIPS School Building at Plot No. 116B Campus View Town, Lahore.

**Our Ref. No.** CL/CED/ 2160

**Dated:** 16/06/2023

**Test Specification**

**Your Ref. No.** SCM-CVP-13-23

**Dated:** 12/06/2023

( ASTM C39 )

## COMPRESSION TEST REPORT



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

**Specimens received on:** 12/06/2023 **Tested on:** 15/06/2023 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	6	2023	6Diax12	---	13.4	28.28	35	2772	---	Non Engraved
2	---	3	6	2023	6Diax12	---	13.4	28.28	37	2931	---	Non Engraved
3	---	3	6	2023	6Diax12	---	13.6	28.28	31	2455	---	Non Engraved
4	---	3	6	2023	6Diax12	---	13.6	28.28	31	2455	---	Engraved
5	---	3	6	2023	6Diax12	---	13.2	28.28	49	3881	---	Engraved
6	---	3	6	2023	6Diax12	---	13	28.28	33	2614	---	Engraved
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
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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)
- \*\* 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.

5366  
 Dr. Umbreen

**To:** Mr. Munawar Ali, Material Engineer/Amcorp  
 AMCORP Engineering & Construction (Pvt) Ltd.

**Project:** Construction of ABL, Upper Mall Lahore. Plot No. 199 & 200-B.

**Our Ref. No.** CL/CED/ 2161

**Dated:** 16/06/2023

**Test Specification**

**Your Ref. No.** ABL-UML-AMC-QAQC-07

**Dated:** 09/06/2023

( ASTM C39 )

## COMPRESSION TEST REPORT



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

**Specimens received on:** 09/06/2023 **Tested on:** 15/06/2023 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	Lean Concrete Under Raft	27	5	2023	6Diax12	---	12.6	28.28	33	2614	---	Non Engraved
2	Lean Concrete Under Raft	27	5	2023	6Diax12	---	12.8	28.28	34	2693	---	Non Engraved
3	Lean Concrete Under Raft	27	5	2023	6Diax12	---	13	28.28	31	2455	---	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/>

- \* 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.

5352  
 Dr. Umbreen

To: Mr. Muhammad Irfan, Material Engineer  
 Banu-Mukhtar Contracting (Pvt) Ltd

Project: Burj-1 by AJWA Builders

Our Ref. No. CL/CED/ 2162

Dated: 16/06/2023

Test Specification

Your Ref. No. DOC-BMC/AJWA/073

Dated: 07/06/2023

(ASTM C39)

**COMPRESSION TEST REPORT**



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

Specimens received on: 07/06/2023 Tested on: 15/06/2023 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	Shear Wall (6000 Psi)	8	5	2023	6Diax12	---	14	28.28	112	8871	---	Non Engraved
2	Shear Wall (6000 Psi)	8	5	2023	6Diax12	---	14.2	28.28	114	9030	---	Non Engraved
3	Shear Wall (6000 Psi)	8	5	2023	6Diax12	---	14.4	28.28	104	8238	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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15	---	---	---	---	---	---	---	---	---	---	---	---
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)
- \*\* 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.

5366  
 Dr. Umbreen

**To:** Mr. Munawar Ali, Material Engineer/Amcorp  
 AMCORP Engineering & Construction (Pvt) Ltd.

**Project:** Construction of ABL Proposed Commercial Building Sundar Industrial Estate Plot # 12.

**Our Ref. No.** CL/CED/ 2163

**Dated:** 16/06/2023

**Test Specification**

**Your Ref. No.** ABL-UML-AMC-QAQC-09

**Dated:** 09/06/2023

( ASTM C39 )

## COMPRESSION TEST REPORT



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

**Specimens received on:** 09/06/2023 **Tested on:** 15/06/2023 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	Panel Slabs (S-1 & S-6)	2	6	2023	6Diax12	---	13.6	28.28	43	3406	---	Non Engraved
2	Panel Slabs (S-1 & S-6)	2	6	2023	6Diax12	---	13.4	28.28	45	3564	---	Non Engraved
3	Panel Slabs (S-1 & S-6)	2	6	2023	6Diax12	---	13	28.28	43	3406	---	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**



**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.

5352  
 Dr. Umbreen

**To:** Mr. Muhammad Irfan , Material Engineer  
 Banu-Mukhtar Contracting (Pvt) Ltd

**Project:** Burj-1 by AJWA Builders

**Our Ref. No.** CL/CED/ 2164

**Dated:** 16/06/2023

**Test Specification**

**Your Ref. No.** DOC-BMC/AJWA/072

**Dated:** 07/06/2023

( ASTM C39 )

## COMPRESSION TEST REPORT



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

**Specimens received on:** 07/06/2023 **Tested on:** 15/06/2023 **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	Lift well wall#05 grid#H'-H/3'-4'	6	5	2023	6Diax12	---	14	28.28	128	10139	---	Non Engraved
2	Lift well wall#05 grid#H'-H/3'-4'	6	5	2023	6Diax12	---	14.2	28.28	122	9663	---	Non Engraved
3	Lift well wall#05 grid#H'-H/3'-4'	6	5	2023	6Diax12	---	14.4	28.28	120	9505	---	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/>

- \* 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.

5389  
 Dr. M.Yousaf

To: Mr. Muhammad Irfan , Material Engineer  
 Banu-Mukhtar Contracting (Pvt) Ltd

Project: Burj-1 by AJWA Builders

Our Ref. No. CL/CED/ 2165

Dated: 16/06/2023

Test Specification

Your Ref. No. DOC-BMC/AJWA/078

Dated: 12/06/2023

( ASTM C39 )

## COMPRESSION TEST REPORT



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

Specimens received on: **12/06/2023** Tested on: **15/06/2023** 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	Trial Mix Design 4000Psi	2	6	2023	6Diax12	---	14	28.28	70	5545	---	Non Engraved
2	Trial Mix Design 4000Psi	2	6	2023	6Diax12	---	14	28.28	75	5941	---	Non Engraved
3	Trial Mix Design 4000Psi	2	6	2023	6Diax12	---	14.4	28.28	64	5069	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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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)
- \*\* 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
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**Note:** Above results pertain to the unsealed samples supplied to the laboratory

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- 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.

5389  
 Dr. M. Yousaf

**To:** Mr. Muhammad Irfan , Material Engineer  
 Banu-Mukhtar Contracting (Pvt) Ltd

**Project:** Burj-1 by AJWA Builders

**Our Ref. No.** CL/CED/ 2166

**Dated:** 16/06/2023

**Test Specification**

**Your Ref. No.** DOC-BMC/AJWA/080

**Dated:** 12/06/2023

( ASTM C39 )

## COMPRESSION TEST REPORT



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

**Specimens received on:** 12/06/2023 **Tested on:** 15/06/2023 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	Lift well wall (6000 Psi)	14	5	2023	6Diax12	---	14	28.28	65	5149	---	Non Engraved
2	Lift well wall (6000 Psi)	14	5	2023	6Diax12	---	14	28.28	78	6178	---	Non Engraved
3	Lift well wall (6000 Psi)	14	5	2023	6Diax12	---	14	28.28	62	4911	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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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)
- \*\* 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.

5389  
 Dr. M.Yousaf

**To:** Mr. Muhammad Irfan , Material Engineer  
 Banu-Mukhtar Contracting (Pvt) Ltd

**Project:** Burj-1 by AJWA Builders

**Our Ref. No.** CL/CED/ 2167

**Dated:** 16/06/2023

**Test Specification**

**Your Ref. No.** DOC-BMC/AJWA/079

**Dated:** 12/06/2023

( ASTM C39 )

## COMPRESSION TEST REPORT



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

**Specimens received on:** 12/06/2023 **Tested on:** 15/06/2023 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	Lift well wall #04 Grids# D-D'/3-4'	14	5	2023	6Diax12	---	14	28.28	73	5782	---	Non Engraved
2	Lift well wall #04 Grids# D-D'/3-4'	14	5	2023	6Diax12	---	14	28.28	67	5307	---	Non Engraved
3	Lift well wall #04 Grids# D-D'/3-4'	14	5	2023	6Diax12	---	14	28.28	75	5941	---	Non Engraved
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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)
- \*\* 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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5373  
 Dr. M. Yousaf

**To:** Assistant Resident Engineer  
 JERS Consultancy Pvt. Ltd. Lahore.

**Project:** PCP (Phase-II) Construction of SWM in MC, Muridke

**Our Ref. No.** CL/CED/ 2168

**Dated:** 15/06/2023

**Test Specification**

**Your Ref. No.** 488-J01-ARE-2(MDK-P)/31

**Dated:** 04/06/2023

( BS 1881-116 )

## COMPRESSION TEST REPORT



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

**Specimens received on:** 09/06/2023 **Tested on:** 15/06/2023 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 Footing (1:2:4)	10	5	23	6x6x6	---	8.2	36	79	4916	---	Non Engraved
2	Column Footing (1:2:4)	10	5	23	6x6x6	---	8.4	36	69	4293	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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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)
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**Supervisor (Lab)**

**Director/Dy. Director Concrete Laboratory**



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5373  
 Dr. M. Yousaf

**To:** Assistant Resident Engineer  
 JERS Consultancy Pvt. Ltd. Lahore.

**Project:** PCP (Phase-II) Construction of SWM Parking Shed in MC, Muridke

**Our Ref. No.** CL/CED/ 2169

**Dated:** 15/06/2023

**Test Specification**

**Your Ref. No.** 488-J01-ARE-2(MDK-P)/29

**Dated:** 04/06/2023

( BS 1881-116 )

## COMPRESSION TEST REPORT



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

**Specimens received on:** 09/06/2023 **Tested on:** 15/06/2023 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	Columns (1:1.5:3)	12	5	23	6x6x6	---	8.2	36	60	3733	---	Non Engraved
2	Columns (1:1.5:3)	12	5	23	6x6x6	---	8.6	36	60	3733	---	Non 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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**Note:** Above results pertain to the unsealed samples supplied to the laboratory

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Dr. M. Yousaf

To: Assistant Resident Engineer  
JERS Consultancy Pvt. Ltd. Lahore.

Project: PCP (Phase-II) Construction of SWM in MC, Muridke

Our Ref. No. CL/CED/ 2170

Dated: 15/06/2023

Test Specification

Your Ref. No. 488-J01-ARE-2(MDK-PS)/30

Dated: 04/06/2023

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## COMPRESSION TEST REPORT



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

Specimens received on: 09/06/2023 Tested on: 15/06/2023 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 Absorpti on (%)	Remarks
		DD	MM	YYYY								
1	DA	---	---	---	8.4 x 4 x 2.8	3330	3050	33.6	43	2867	9.18	---
2	DA	---	---	---	8.6 x 4.2 x 2.9	3300	2955	36.12	29	1798	11.68	---
3	DA	---	---	---	8.5 x 4.2 x 2.8	3245	2935	35.7	39	2447	10.56	---
4	DA	---	---	---	8.4 x 4.1 x 2.8	3165	2840	34.44	40	2602	11.44	---
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