



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.

1826
 Dr. Aqsa

To: Mr. Zou Jiawei (Project Manager)
 China Energy Engineering Group Northeast No. 2 Electric Power Construction Co., Ltd.
Project: ADB-401A Procurement of Plant -Design, Manufacture, Supply, Installation, Testing & Commissioning of 500 KV Double Circuit Quad Bundle Transmission Line From Suki Kinari Hydro Power
 Our Ref. No. CL/CED/ 4843 Dated: 02-09-21
 Your Ref. No. DD-401A-FA-534 Dated: 31-08-21

Test Specification
 (ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 01-09-21 Tested on: 02-09-21 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	T# 87	17	8	2021	6Diax12	---	14	28.28	51	4040	---	Engraved
2	T# 87	17	8	2021	6Diax12	---	14	28.28	56	4436	---	Engraved
3	T# 87	17	8	2021	6Diax12	---	14	28.28	47	3723	---	Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Sohaib Ali 03079944052

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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ORIGINAL
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1785
 Dr. Aqsa

To: Mr.Syed Al-Imran Kazmi (Engineering Cell, North -I GS & RE Group)
 M/s Allied Bank Ltd. Alabad

Project: Construction of ABL, G.T Road Brach, Allahabad.

Our Ref. No. CL/CED/ 4849

Dated: 03-09-21

Test Specification

Your Ref. No. ABL/Cylinder Testing /Footing /Allabad-2021

Dated: 26-08-21

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: **25-08-21** Tested on: **03-09-21** 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	Footing Raft (1:2:4)	29	7	2021	6Diax12	---	13	28.28	42	3327	---	Non Engraved
2	Footing Raft (1:2:4)	29	7	2021	6Diax12	---	13	28.28	38	3010	---	Non Engraved
3	Footing Raft (1:2:4)	29	7	2021	6Diax12	---	13.2	28.28	44	3485	---	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

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Director/Dy. Director Concrete Laboratory



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ORIGINAL
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1788
 Dr. Aqsa

To: Engr. Hassan Mahmood (Resident Engineer)
 M/s AZ Engineering Associates Lahore. (M/s Maqbool Associates)
 Project: Construction of Multi-Purpose Complex (MPC) Building (Phase-1) at Quaide-E-Azam Business Park (QABP) on M-2, Sheikhpura Contract No. PIE/P&C/MPC/20/19.
 Our Ref. No. CL/CED/ 4850 Dated: 03-09-21
 Your Ref. No. AZE/QABP/RE/64 Dated: 12-08-21

Test Specification
 (ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: **25-08-21** Tested on: **03-09-21** 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	Raft	17	7	2021	6Diax12	---	14	28.28	65	5149	---	Engraved
2	Raft	17	7	2021	6Diax12	---	14	28.28	66	5228	---	Engraved
3	Raft	17	7	2021	6Diax12	---	14	28.28	69	5465	---	Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
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1788
 Dr. Aqsa

To: Engr. Hassan Mahmood (Resident Engineer)
 M/s AZ Engineering Associates Lahore. (M/s Maqbool Associates)
 Project: Construction of Multi-Purpose Complex (MPC) Building (Phase-1) at Quaide-E-Azam Business Park (QABP) on M-2, Sheikhpura Contract No. PIE/P&C/MPC/20/19.
 Our Ref. No. CL/CED/ 4851 Dated: 03-09-21
 Your Ref. No. AZE/QABP/RE/65 Dated: 12-08-21

Test Specification
 (ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: **25-08-21** Tested on: **03-09-21** 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	Raft	18	7	2021	6Diax12	---	14	28.28	73	5782	---	Non Engraved
2	Raft	18	7	2021	6Diax12	---	14	28.28	57	4515	---	Non Engraved
3	Raft	18	7	2021	6Diax12	---	14	28.28	73	5782	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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1797
 Dr. Aqsa

To: Mr. Haris Ali
 Model Town Islamabad.

Project: Construction of Villa 118 DRGCC Lahore.

Our Ref. No. CL/CED/ 4852

Dated: 03-09-21

Test Specification

Your Ref. No. Nil

Dated: 26-08-21

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 26-08-21 **Tested on:** 03-09-21 **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	(4000) Psi	29	7	2021	6Diax12	---	13.2	28.28	24	1901	---	Engraved
2	(4000) Psi	29	7	2021	6Diax12	---	13	28.28	18	1426	---	Engraved
3	(4000) Psi	31	7	2021	6Diax12	---	13.2	28.28	18	1426	---	Engraved
4	(4000) Psi	31	7	2021	6Diax12	---	13	28.28	16	1267	---	Engraved
5	(4000) Psi	1	8	2021	6Diax12	---	13	28.28	26	2059	---	Engraved
6	(4000) Psi	1	8	2021	6Diax12	---	13	28.28	24	1901	---	Engraved
7	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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Director/Dy. Director Concrete Laboratory



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ORIGINAL
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1808
 Dr. Aqsa

To: Mr. Ahmad Fawad (CEO)
 M/s AA & Associates Lahore.

Project: Construction of MCB Lalliani k. Momin

Our Ref. No. CL/CED/ 4853

Dated: 03-09-21

Test Specification

Your Ref. No. Nil

Dated: 27-08-21

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 27-08-21 Tested on: 03-09-21 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	MCB FF Slab	29	6	2021	6Diax12	---	13.2	28.28	48	3802	---	Non Engraved
2	MCB FF Slab	29	6	2021	6Diax12	---	13	28.28	46	3644	---	Non Engraved
3	MCB FF Slab	29	6	2021	6Diax12	---	13	28.28	47	3723	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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Director/Dy. Director Concrete Laboratory



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1755
 Dr. Aqsa

To: Engr. Yasir Mehmood Cheema (Proprietor)
 M/s Star Concrete (Pvt.) Ltd. Wazirabad

Project: Nil

Our Ref. No. CL/CED/ 4854

Dated: 03-09-21

Test Specification

Your Ref. No. LT-160821

Dated: 16-08-21

(---)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: **16-08-21** Tested on: **03-09-21** 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	SC	---	---	---	9.0x4.5x2.9	---	4504	40.5	36	1991	---	---
2	SC	---	---	---	9.0x4.5x2.9	---	4320	40.5	47	2600	---	---
3	SC	---	---	---	9.0x4.5x3.0	---	4370	40.5	39	2157	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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Director/Dy. Director Concrete Laboratory



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1818
 Dr. Aqsa

To: Sub Divisional Officer
 Building Sub Division No.13 Lahore.

Project: Rehabilitation of Infrastructure and Up-Gradation of Research and Development Facilities at Foot & Mouth Disease Research Center (SMART, DL1-2) Lahore.

Our Ref. No. CL/CED/ 4855

Dated: 03-09-21

Test Specification

Your Ref. No. No.700

Dated: 28-08-21

(----)

COMPRESSION TEST REPORT



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

Specimens received on: 31-08-21 **Tested on:** 02-09-21 **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	Rectangular Grey	---	---	---	7.8x3.8x2.3	---	2665	29.64	114	8615	---	---
2	Rectangular Grey	---	---	---	7.8x3.8x2.3	---	2610	29.64	103	7784	---	---
3	Rectangular Grey	---	---	---	7.8x3.8x2.3	---	2628	29.64	117	8842	---	---
4	Rectangular Grey	---	---	---	7.8x3.8x2.3	---	2634	29.64	100	7557	---	---
5	Rectangular Grey	---	---	---	7.8x3.8x2.3	---	2665	29.64	114	8615	---	---
6	Rectangular Red	---	---	---	7.8x3.8x2.3	---	2435	29.64	100	7557	---	---
7	Rectangular Red	---	---	---	7.8x3.8x2.3	---	2495	29.64	114	8615	---	---
8	Rectangular Red	---	---	---	7.8x3.8x2.3	---	2630	29.64	91	6877	---	---
9	Rectangular Red	---	---	---	7.8x3.8x2.3	---	2470	29.64	88	6650	---	---
10	Rectangular Red	---	---	---	7.8x3.8x2.3	---	2720	29.64	85	6424	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
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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



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.

1825
 Dr. Aqsa

To: Engr.M. Umair (Material Engineer)
 M/s Unibuild Associates (Pvt.) Ltd. Lahore.

Project: Punjab Agriculture Food and Drug Authority's Science Enclave, Lahore, Pakistan

Our Ref. No. CL/CED/ 4856

Dated: 03-09-21

Test Specification

Your Ref. No. UB/PAFDA/2021/10

Dated: 01-09-21

(----)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 01-09-21 **Tested on:** 02-09-21 **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	Kerb Stone	---	---	---	6x6x6	---	9	36	56	3484	---	---
2	Kerb Stone	---	---	---	6x6x6	---	8.4	36	59	3671	---	---
3	Kerb Stone	---	---	---	6x6x6	---	9	36	65	4044	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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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



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.

1822
 Dr. Aqsa

To: Mr. Abid Durrani
 M/s Sultan Concrete Lahore.

Project: Management Unit (PMU)

Our Ref. No. CL/CED/ 4857

Dated: 03-09-21

Test Specification

Your Ref. No. APD/PMU/SBP/SWL/2021/210

Dated: 01-09-21

(----)

COMPRESSION TEST REPORT



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

Specimens received on: 01-09-21 Tested on: 02-09-21 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	I-Section Grey	---	---	---	2.3 Thick	---	3655	40.92	184	10072	---	---
2	I-Section Grey	---	---	---	2.3 Thick	---	3748	40.92	180	9853	---	---
3	I-Section Red	---	---	---	2.3 Thick	---	3715	40.92	184	10072	---	---
4	I-Section Red	---	---	---	2.3 Thick	---	3850	40.92	182	9963	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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



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.

1700
 Dr. Aqsa

To: Mr. Ghulam Abbas (Asst. Executive Engineer, Civil)
 CVAS, Narowal (M/s AH Construction)

Project: Construction of Girls Hostel and Residences for Grade-20 at KBCMA CAVAS Narowal

Our Ref. No. CL/CED/ 4858

Dated: 03-09-21

Test Specification

Your Ref. No. A.E.E./NC 109

Dated: 02-08-21

(---)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 09-08-21 **Tested on:** 02-09-21 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	(1:2:4)	6	7	2021	6Diax12	---	14	28.28	81	6416	---	Non Engraved
2	(1:2:4)	6	7	2021	6Diax12	---	13.4	28.28	66	5228	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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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



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.

1700
 Dr. Aqsa

To: Mr. Ghulam Abbas (Asst. Executive Engineer, Civil)
 CVAS, Narowal (M/s AH Construction)

Project: Construction of Girls Hostel and Residences for Grade-01-10 Grade 11-14, Grade 15-17 and Grade 18 & 19 at KBCMA CAVAS Narowal

Our Ref. No. CL/CED/ 4859

Dated: 03-09-21

Test Specification

Your Ref. No. A.E.E./NC 104

Dated: 09-07-21

(---)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 09-08-21 **Tested on:** 02-09-21 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)	8	7	2021	6Diax12	---	13	28.28	16	1267	---	Non Engraved
2	Roof Slab (1:2:4)	8	7	2021	6Diax12	---	13.2	28.28	60	4752	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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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



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.

1809
 Dr. Umbreen

To: Mr. Abdul Ghafar (Project Manager)
 M/s Liberty Builders (Pvt.) Ltd. Lahore.

Project: Construction of Zee Avenue-Ramade Hotel & Suit 17-A Cooper Road, Lahore.

Our Ref. No. CL/CED/ 4860

Dated: 03-09-21

Test Specification

Your Ref. No. CBT/UET/20210902

Dated: 02-09-21

(----)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: **27-08-21** Tested on: **03-09-21** 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	Solid Block	5	8	2021	11.8x3.9x8.0	---	14	46.02	49	2385	---	---
2	Solid Block	5	8	2021	11.9x3.9x8.0	---	13.8	46.41	47	2268	---	---
3	Solid Block	5	8	2021	11.8x3.9x8.0	---	14	46.02	57	2774	---	---
4	Solid Block	5	8	2021	11.8x5.4x8.0	---	19	63.72	69	2426	---	---
5	Solid Block	5	8	2021	11.8x5.4x8.0	---	18.2	63.72	53	1863	---	---
6	Solid Block	5	8	2021	11.8x5.4x8.0	---	18.2	63.72	49	1723	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Bilal Ashraf 34104-4141754-1

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.

1835
 Dr. Umbreen

To: Mr. Abdul Ghafar (Project Manager)
 M/s Liberty Builders (Pvt.) Ltd. Lahore.

Project: Construction of Zee Avenue-Ramade Hotel & Suit 17-A Cooper Road, Lahore.

Our Ref. No. CL/CED/ 4861

Dated: 03-09-21

Test Specification

Your Ref. No. CBT/UET/20210902-A

Dated: 02-09-21

(---)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 02-09-21 Tested on: 03-09-21 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	Solid Block	5	8	2021	11.8x3.8x7.9	---	14	44.84	37	1848	---	---
2	Solid Block	5	8	2021	11.8x3.8x7.9	---	14	44.84	47	2348	---	---
3	Solid Block	5	8	2021	11.8x3.8x7.9	---	13.8	44.84	49	2448	---	---
4	Solid Block	5	8	2021	11.9x5.5x8.0	---	19.4	65.45	57	1951	---	---
5	Solid Block	5	8	2021	11.8x5.5x8.2	---	18	64.9	37	1277	---	---
6	Solid Block	5	8	2021	11.9x5.4x8.2	---	19	64.26	67	2336	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Bilal Ashraf 34104-4141754-1

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

1. 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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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.

1836
 Dr. Qasim Shaukat

To: M/s M. Siddique Sons
 Building Contractor, Lahore.

Project: 113/4 -M Quaid-e-Azam Industrial Estate, Lahore.

Our Ref. No. CL/CED/ 4862

Dated: 03-09-21

Test Specification

Your Ref. No. Nil

Dated: 02-09-21

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 02-09-21 Tested on: 03-09-21 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	(3000) Psi	22	8	2021	6Diax12	---	14	28.28	40	3168	---	Engraved
2	(3000) Psi	22	8	2021	6Diax12	---	14	28.28	42	3327	---	Engraved
3	(3000) Psi	22	8	2021	6Diax12	---	14.1	28.28	42	3327	---	Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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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
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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
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1838
 Dr. Qasim Shaukat

To: Mr.M. Sibtain (Resident Engineer)
 M/s Mascom Associates JV HA Consulting (M/s Mujahid Builders)

Project: Rehabilitation and Beautification of Shah Shams Park

Our Ref. No. CL/CED/ 4863

Dated: 03-09-21

Test Specification

Your Ref. No. HAC-MAS/RE/15

Dated: 06-07-21

(----)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 02-09-21 **Tested on:** 03-09-21 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	Rectangular Grey	---	---	---	7.7x3.8x2.3	---	2637	29.26	123	9416	---	---
2	Rectangular Grey	---	---	---	7.7x3.8x2.3	---	2680	29.26	116	8880	---	---
3	Rectangular Grey	---	---	---	7.7x3.8x2.3	---	2780	29.26	122	9340	---	---
4	Rectangular Grey	---	---	---	7.7x3.8x2.3	---	2720	29.26	122	9340	---	---
5	Rectangular Grey	---	---	---	7.7x3.8x2.3	---	2658	29.26	74	5665	---	---
6	Rectangular Grey	---	---	---	7.7x3.8x2.3	---	2760	29.26	109	8344	---	---
7	Rectangular Grey	---	---	---	7.7x3.8x2.3	---	2704	29.26	150	11483	---	---
8	Rectangular Grey	---	---	---	7.7x3.8x2.3	---	2696	29.26	124	9493	---	---
9	Rectangular Grey	---	---	---	7.7x3.8x2.3	---	2748	29.26	74	5665	---	---
10	Rectangular Grey	---	---	---	7.7x3.8x2.3	---	2650	29.26	130	9952	---	---
11	Rectangular Grey	---	---	---	7.7x3.8x2.3	---	2718	29.26	115	8804	---	---
12	Rectangular Grey	---	---	---	7.7x3.8x2.3	---	2691	29.26	116	8880	---	---
1	Rectangular Red	---	---	---	7.7x3.8x2.3	---	2680	29.26	111	8498	---	---
2	Rectangular Red	---	---	---	7.7x3.8x2.3	---	2714	29.26	110	8421	---	---
3	Rectangular Red	---	---	---	7.7x3.8x2.3	---	2665	29.26	136	10411	---	---
4	Rectangular Red	---	---	---	7.7x3.8x2.3	---	2689	29.26	126	9646	---	---

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.

1795
 Dr.M.Yousaf

To: Mr. Mudassar (Manager QC)
 M/s Country Developers (Pvt.) Ltd. Lahore. (Creative Constructors)

Project: 46-G Model Town Lahore.

Our Ref. No. CL/CED/ 4864

Dated: 03-09-21

Test Specification

Your Ref. No. CD-21- Testing /CON/46G-005

Dated: 25-08-21

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 26-08-21 **Tested on:** 03-09-21 **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	Basement Slab (3000) Psi	18	8	2021	6Diax12	---	14	28.28	21	1663	---	Non Engraved
2	Basement Slab (3000) Psi	18	8	2021	6Diax12	---	14	28.28	19	1505	---	Non Engraved
3	Basement Slab (3000) Psi	18	8	2021	6Diax12	---	13.6	28.28	23	1822	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory