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.

5266
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/ 1987 Dated: 24-05-23 Test Specification

Your Ref. No. DOC-BMC/AJWA/068 Dated: 23-05-23 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 23-05-23 Tested on: 23-05-23 in dry/wet condition

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	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
1	Columns (6000 Psi)	6	4	2023	6Diax12	---	14.2	28.28	100	7921	---	Non Engraved
2	Columns (6000 Psi)	6	4	2023	6Diax12	---	14	28.28	104	8238	---	Non Engraved
3	Columns (6000 Psi)	6	4	2023	6Diax12	---	14.6	28.28	106	8396	---	Non Engraved
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Witnessed by: (Mr. M. Irfan, M.E BMC), (Mr. Rana Tanveer, QC Ajwa), (Mr. Rana Abid Zahoor, P.M Ajwa)

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
3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
4. **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as comprerssive strength

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)
2.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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5266
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/ 1988 **Dated: 24-05-23** **Test Specification**

Your Ref. No. DOC-BMC/AJWA/069 **Dated: 23-05-23** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 23-05-23 **Tested on:** 23-05-23 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	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
1	Lift Well (6000 Psi)	7	4	2023	6Diax12	---	14.8	28.28	112	8871	---	Non Engraved
2	Lift Well (6000 Psi)	7	4	2023	6Diax12	---	14.4	28.28	106	8396	---	Non Engraved
3	Lift Well (6000 Psi)	7	4	2023	6Diax12	---	14.4	28.28	103	8158	---	Non Engraved
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Witnessed by: (Mr. M. Irfan, M.E BMC), (Mr. Rana Tanveer, QC Ajwa), (Mr. Rana Abid Zahoor, P.M Ajwa)

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
3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
4. **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as comprerssive strength

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)
2.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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5267
Dr. M. Mazhar

To: Mr. Muhammad Naeem Khan
Assistant Executive Engineer, Evacuee Trust Property Board Government of Pakistan.

Project: Upgradation of External Infrastructure of FTPB Staff Basti Bella Ram, Lahore.

Our Ref. No. CL/CED/ 1989 Dated: 24-05-23 Test Specification

Your Ref. No. 3607 Dated: 23-05-23 (----)

COMPRESSION TEST REPORT

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

Specimens received on: 23-05-23 Tested on: 23-05-23 in dry/wet condition

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	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
1	Rectangular, Grey, 60mm	---	---	---	7.7 x 3.8 x 2.4	---	2740	29.26	69	5282	---	---
2	rectangular, Red, 60mm	---	---	---	7.7 x 3.7 x 2.4	---	2770	28.49	65	5111	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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
3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
4. **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as comprerssive strength

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)
2.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
A carbon copy for the report has been retained in the lab for record.

5253
Dr. Mazhar

To: **MEEZAN DEVELOPERS**
Plaza # 97 Block B, 2nd Floor, Main Boulevard Jubilee Town, Lahore

Project: Construction of Jamia Tur Rasheed Lahore Campus.

Our Ref. No. CL/CED/ 1990 **Dated:** **24/5/2023** **Test Specification**

Your Ref. No. PEC-01583 **Dated:** **Nil** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 22/05/2023 **Tested on:** 24/5/2023 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	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
1	C-5	4	5	2023	6Diax12	---	13.4	28.28	47	3723	---	Engraved
2	C-5	4	5	2023	6Diax12	---	13	28.28	39	3089	---	Engraved
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Witnessed by:

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
3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
4. **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as comprerssive strength

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)
2.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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5257
Dr. Mazhar

To: **Ar. Farhan Rasool**
Projects Architect, BAB (SMC PVT) LTD

Project: Construction of Mixed Use Building at Noor Jahan Road Liberty Market Lahore

Our Ref. No. CL/CED/ 1991 **Dated: 24/5/2023** **Test Specification**

Your Ref. No. BAB/CR/015 **Dated: 20/5/2023** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 22/05/2023 **Tested on:** 24/5/2023 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	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
1	C4 (4000 Psi)	13	5	2023	6Diax12	---	13	28.28	31	2455	---	Engraved
2	C4 (4000 Psi)	13	5	2023	6Diax12	---	13.2	28.28	33	2614	---	Engraved
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Witnessed by:

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
3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
4. **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as comprerssive strength

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)
2.The test results are recommended to be interpreted in the light of above factors by the engineer.

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ORIGINAL
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5257
Dr. Mazhar

To: **Ar. Farhan Rasool**
Projects Architect, BAB (SMC PVT) LTD

Project: Construction of Mixed Use Building at Noor Jahan Road Liberty Market Lahore

Our Ref. No. CL/CED/ 1992 **Dated: 24/5/2023** **Test Specification**

Your Ref. No. BAB/CR/016 **Dated: 20/5/2023** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 22/05/2023 **Tested on:** 24/5/2023 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	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
1	S3 (3000 Psi)	13	5	2023	6Diax12	---	13	28.28	37	2931	---	Engraved
2	S3 (3000 Psi)	13	5	2023	6Diax12	---	13.4	28.28	35	2772	---	Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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
3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
4. **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as comprerssive strength

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ORIGINAL
A carbon copy for the report has been retained in the lab for record.

5224
Dr. Aqsa

To: Mr. Muhammad Asif
Project Manager, Imperium Developers

Project: Construction of Sixty6 at Gulberg-III, Lahore

Our Ref. No. CL/CED/ 1993 **Dated: 24/5/2023** **Test Specification**

Your Ref. No. IMP/66/09/80 **Dated: 16/5/2023** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 16/05/2023 Tested on: 24/5/2023 in dry/wet condition

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	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
1	(3000 Psi)	17	4	2023	6Diax12	---	12.6	28.28	55	4356	---	Non Engraved
2	(3000 Psi)	17	4	2023	6Diax12	---	13	28.28	42	3327	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Mr. Husnain Imran, Site Engineer, Imperium Developers

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
3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
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ORIGINAL
A carbon copy for the report has been retained in the lab for record.

5263
Dr. Mazhar

To: **Executive Engineer (B&W)**
Building & Works Department, UVAS, Lahore

Project: Construction of Wrestling Academy at Sport Complex City Campus, UVAS, Lahore. (M/S Shaheen Construction Company)

Our Ref. No. CL/CED/ 1994 **Dated: 24/5/2023** **Test Specification**

Your Ref. No. E.E. 842 **Dated: 15/5/2023** **(BS 1881-116)**

COMPRESSION TEST REPORT

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

Specimens received on: 23/05/2023 Tested on: 24/5/2023 in dry/wet condition

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	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
1	Foundation No. 5 (1:2:4)	13	4	2023	6x6x6	---	8.6	36	68	4231	---	Engraved
2	Foundation No. 5 (1:2:4)	13	4	2023	6x6x6	---	8.6	36	63	3920	---	Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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
3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
4. **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as comprerssive strength

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)
2.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.

5263
Dr. Mazhar

To: **Executive Engineer (B&W)**
Building & Works Department, UVAS, Lahore

Project: Construction of Wrestling Academy at Sport Complex City Campus, UVAS, Lahore. (M/S Shaheen Construction Company)

Our Ref. No. CL/CED/ 1995 **Dated: 24/5/2023** **Test Specification**

Your Ref. No. E.E. 841 **Dated: 15/5/2023** **(BS 1881-116)**

COMPRESSION TEST REPORT

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

Specimens received on: 23/05/2023 Tested on: 24/5/2023 in dry/wet condition

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	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
1	Foundation No. 1 (1:2:4)	12	4	2023	6x6x6	---	8.2	36	79	4916	---	Engraved
2	Foundation No. 1 (1:2:4)	12	4	2023	6x6x6	---	8.4	36	86	5351	---	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/

1. * as engraved on the specimens (if any)
2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
4. **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as comprerssive strength

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)
2.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.

5264
Dr. Mazhar

To: Engr. Bilal Imtiaz
Resident Engineer, Engineering Consultancy Services Punjab (Pvt) Ltd, BGNU

Project: Engineering Consultancy Services for Construction of Baba Guru Nanak University, Nankana Sahib (3rd Floor Academic Block #1)

Our Ref. No. CL/CED/ 1996 Dated: 24/5/2023 Test Specification

Your Ref. No. ECSP/BGNU/43 Dated: 11-05-23 (BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 23/05/2023 **Tested on:** 24/5/2023 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	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
1	3rd Floor (1: 1.5: 3)	22	3	2023	6x6x6	---	9	36	90	5600	---	Engraved
2	3rd Floor (1: 1.5: 3)	22	3	2023	6x6x6	---	8.6	36	94	5849	---	Engraved
3	3rd Floor (1: 1.5: 3)	22	3	2023	6x6x6	---	8.8	36	83	5164	---	Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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
3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
4. **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as comprerssive strength

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)
2.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.

5264
Dr. Mazhar

To: **Engr. Bilal Imtiaz**
Resident Engineer, Engineering Consultancy Services Punjab (Pvt) Ltd, BGNU

Project: Engineering Consultancy Services for Construction of Baba Guru Nanak University, Nankana Sahib (3rd Floor Academic Block #1)

Our Ref. No. CL/CED/ 1997 **Dated: 24/5/2023** **Test Specification**

Your Ref. No. ECSP/BGNU/44 **Dated: 11-05-23** **(BS 1881-116)**

COMPRESSION TEST REPORT

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

Specimens received on: 23/05/2023 **Tested on:** 24/5/2023 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	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
1	3rd Floor (1: 1.5: 3)	3	4	2023	6x6x6	---	8.6	36	79	4916	---	Engraved
2	3rd Floor (1: 1.5: 3)	3	4	2023	6x6x6	---	8.6	36	75	4667	---	Engraved
3	3rd Floor (1: 1.5: 3)	3	4	2023	6x6x6	---	8.4	36	70	4356	---	Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7		---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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
3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
4. **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as comprerssive strength

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)
2.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.

5264
Dr. Mazhar

To: Engr. Bilal Imtiaz
Resident Engineer, Engineering Consultancy Services Punjab (Pvt) Ltd, BGNU

Project: Engineering Consultancy Services for Construction of Baba Guru Nanak University, Nankana Sahib (1st Floor Roof Slab Admin Block)

Our Ref. No. CL/CED/ 1998 Dated: 24/5/2023 Test Specification

Your Ref. No. ECSP/BGNU/41 Dated: 11-05-23 (BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 23/05/2023 **Tested on:** 24/5/2023 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	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
1	1st Floor A-J 1-10 (1:2:4)	27	3	2023	6x6x6	---	8.8	36	71	4418	---	Engraved
2	1st Floor A-J 1-10 (1:2:4)	27	3	2023	6x6x6	---	8.6	36	75	4667	---	Engraved
3	1st Floor A-J 1-10 (1:2:4)	27	3	2023	6x6x6	---	9	36	69	4293	---	Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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
3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
4. **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as comprerssive strength

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**

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.

5264
Dr. Mazhar

To: **Engr. Bilal Imtiaz**
Resident Engineer, Engineering Consultancy Services Punjab (Pvt) Ltd, BGNU

Project: Engineering Consultancy Services for Construction of Baba Guru Nanak University, Nankana Sahib (1st Floor Admin Block)

Our Ref. No. CL/CED/ 1999 **Dated: 24/5/2023** **Test Specification**

Your Ref. No. ECSP/BGNU/42 **Dated: 05-11-23** **(BS 1881-116)**

COMPRESSION TEST REPORT

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

Specimens received on: 23/05/2023 **Tested on:** 24/5/2023 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	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
1	1st Floor (1: 1.5: 3)	22	3	2023	6x6x6	---	8.4	36	102	6347	---	Engraved
2	1st Floor (1: 1.5: 3)	22	3	2023	6x6x6	---	8.4	36	98	6098	---	Engraved
3	1st Floor (1: 1.5: 3)	22	3	2023	6x6x6	---	8.8	36	98	6098	---	Engraved
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/

1. * as engraved on the specimens (if any)
2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
4. **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as comprerssive strength

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)
2.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.

5163
Dr. M. Yousaf

To: Mr. Muhammad Arafat
Resident Engineer, ACE Architectural & Town Planning Services Limited

Project: Establishment of University of Applied Engineering and Emerging Technologies (UAEET) Sambrial, Sialkot

Our Ref. No. CL/CED/ 2000 Dated: 24/5/2023 Test Specification

Your Ref. No. ER/UAEET/ACE/2023/242 Dated: 28/4/2023 (----)

COMPRESSION TEST REPORT

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

Specimens received on: 02-05-23 **Tested on:** 23-05-23 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	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
1	Solid Block (1900 Psi)	30	3	2023	11.8 x 6.2 x 7.9	---	20	73.16	102	3123	---	---
2	Solid Block (1900 Psi)	30	3	2023	11.8 x 6.4 x 8	---	20.8	75.52	75	2225	---	---
3	Solid Block (1900 Psi)	30	3	2023	11.8 x 6.3 x 8	---	20	74.34	69	2079	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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
3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
4. **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as comprerssive strength

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)
2.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.

5239
Dr. Mazhar

To: Assistant Executive Engineer-III
Central Civil Division, Pak. P.W.D., Faisalabad

Project: Construction of Tuff Tile From Qadir Colony Road toward Government Primary School Ganda Singh via Government Ghousia Muslim High School Tehsil Gojra District Toba Tek Singh (7/41)

Our Ref. No. CL/CED/ 2001 **Dated:** 24/5/2023 **Test Specification**

Your Ref. No. AEE-III/CCD/FSD/94 **Dated:** 28/2/2023 (----)

COMPRESSION TEST REPORT

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

Specimens received on: 17/5/2023 **Tested on:** 24/5/2023 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	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
1	Rectangular, Grey, 60mm	---	---	---	7.7 x 3.8 x 2.3	---	2755	29.26	102	7809	---	---
2	Rectangular, Grey, 60mm	---	---	---	7.7 x 3.8 x 2.3	---	2650	29.26	118	9033	---	---
3	Rectangular, Grey, 60mm	---	---	---	7.7 x 3.8 x 2.3	---	2615	29.26	108	8268	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Mr. Aamir Riaz, CNIC # 35201-4161227-1

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
3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
4. **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as comprerssive strength

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)
2.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.

5239
Dr. Mazhar

To: Assistant Executive Engineer-III
Central Civil Division, Pak. P.W.D., Faisalabad

Project: Construction of Tuff Tile Ashraf Naz Street No. 3, Sharif Pura Tehsil Gojra District Toba Tek Singh (5/41)

Our Ref. No. CL/CED/ 2002 Dated: 24/5/2023 Test Specification

Your Ref. No. AEE-III/CCD/FSD/114 Dated: 09-03-23 (----)

COMPRESSION TEST REPORT

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

Specimens received on: 17/5/2023 Tested on: 24/5/2023 in dry/wet condition

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	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
1	Rectangular, Grey, 60mm	---	---	---	7.7 x 3.8 x 2.3	---	2625	29.26	122	9340	---	---
2	Rectangular, Grey, 60mm	---	---	---	7.7 x 3.8 x 2.3	---	2965	29.26	104	7962	---	---
3	Rectangular, Grey, 60mm	---	---	---	7.7 x 3.8 x 2.3	---	2675	29.26	100	7656	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Mr. Aamir Riaz, CNIC # 35201-4161227-1

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
3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
4. **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as comprerssive strength

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)
2.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.

5220
Dr. Mazhar

To: **Mr. Muhammad Awais Khan**
FM (Works Div), SUPARCO Office, Works Division, P. O. Punjab University Samsani Road, Lahore.

Project: Construction of Staff Hostel PAKSAT MM-1 at SCF-L Kala Shah Kaku Lahore. (M/s ARDEN Engineering and Automation Pvt.)

Our Ref. No. CL/CED/ 2003 **Dated:** **24/5/2023** **Test Specification**

Your Ref. No. **3959(1) Works/Div/SRDC-L** **Dated:** **10-05-23** **(----)**

COMPRESSION TEST REPORT

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

Specimens received on: 15/5/2023 **Tested on:** 24/5/2023 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	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
1	7UP	---	---	---	9 x 4.3 x 3	3755	3245	38.7	35	2026	15.72	---
2	7UP	---	---	---	8.8 x 4.3 x 2.9	3680	3210	37.84	49	2901	14.64	---
3	7UP	---	---	---	8.9 x 4.3 x 3	3690	3205	38.27	43	2517	15.13	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

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Supervisor (Lab) **Director/Dy. Director Concrete Laboratory**