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.

6915
Dr. Qasim Khan

To: Mr. Muhammad Arfat
Resident Engineer, ACE-ARTS (Consultants), (UAEET) Sambrial, Sialkot.

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

Our Ref. No. CL/CED/ 4495 Dated: 22/3/2024 **Test Specification**

Your Ref. No. ER/UAEET/ACE/ME/2024/11 Dated: 22/3/2024 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 22/03/2024 Tested on: 22/3/2024 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	4000 Psi	19	12	2023	6Diax12	---	14	28.28	92	7287	---	Non Engraved
2	4000 Psi	19	12	2023	6Diax12	---	14	28.28	86	6812	---	Non Engraved
3	4000 Psi	19	12	2023	6Diax12	---	14	28.28	102	8079	---	Non Engraved
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Witnessed by: Mr. Umair, Material Engineer, ACE-ARTS

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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6866
Dr. Umbreen

To: Engr Ahmed
Manager Structures, M/S Iqbal Uzair & Associates.

Project: Testing of Cylinders of Mix Design ratio 1:1:2 with 800 ml Superplastisizer. (Contractor: CBS Developers)

Our Ref. No. CL/CED/ 4496 Dated: 22/3/2024 Test Specification

Your Ref. No. Nil Dated: Nil (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 14/03/2024 Tested on: 22/3/2024 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 (4500 Psi)	31	1	2024	6Diax12	---	15	28.28	81	6416	---	Non Engraved
2	Columns (4500 Psi)	31	1	2024	6Diax12	---	15	28.28	94	7446	---	Non Engraved
3	Columns (4500 Psi)	31	1	2024	6Diax12	---	15	28.28	100	7921	---	Non Engraved
4	Columns (4500 Psi)	2	2	2024	6Diax12	---	14.4	28.28	83	6574	---	Non Engraved
5	Columns (4500 Psi)	2	2	2024	6Diax12	---	15	28.28	72	5703	---	Non Engraved
6	Columns (4500 Psi)	2	2	2024	6Diax12	---	15	28.28	72	5703	---	Non Engraved
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**

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ORIGINAL
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6898
Dr. Umbreen

To: Mr. Shahzad Mukhtar
Project Manager, Aitchison College, Lahore.

Project: Construction of Riding Pavilion, Aitchison College, Lahore.

Our Ref. No. CL/CED/ 4497 **Dated: 22/3/2024**

Your Ref. No. P- **Dated: 20/3/2024**

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 20/03/2024 **Tested on:** 22/3/2024 **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	RCC Work- Wall	20	2	2024	6Diax12	---	14.2	28.28	71	5624	---	Non Engraved
2	RCC Work- Wall	20	2	2024	6Diax12	---	13.8	28.28	73	5782	---	Non 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**

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ORIGINAL
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6907
Dr. Umbreen

To: Mr. Junaid Ur Rehman
Assistant Resident Engineer, NESPAK- ACE (Pvt) Ltd. JV PRSWSSP, Ahmedpur Sial

Project: Punjab Rural Sustainable Water Supply and Sanitation Project (PRSWSSP), (Package-APS-01 & APS-02)

Our Ref. No. CL/CED/ 4498 Dated: 22/3/2024 **Test Specification**

Your Ref. No. PRSWSSP/RE/APS/L/1204 Dated: 12-03-24 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 21/03/2024 **Tested on:** 22/3/2024 **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	RCC Pipes (1:1.5:3)-4000 Psi	19	2	2024	6Diax12	---	13.2	28.28	36	2851	---	Non Engraved
2	RCC Pipes (1:1.5:3)-4000 Psi	19	2	2024	6Diax12	---	13.2	28.28	50	3960	---	Non Engraved
3	RCC Pipes (1:1.5:3)-4000 Psi	19	2	2024	6Diax12	---	13	28.28	52	4119	---	Non Engraved
4	RCC Pipes (1:1.5:3)-4000 Psi	19	2	2024	6Diax12	---	14	28.28	44	3485	---	Non Engraved
5	RCC Pipes (1:1.5:3)-4000 Psi	19	2	2024	6Diax12	---	13	28.28	46	3644	---	Non Engraved
6	RCC Pipes (1:1.5:3)-4000 Psi	19	2	2024	6Diax12	---	14	28.28	50	3960	---	Non Engraved
7		---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

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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 compressive 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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ORIGINAL
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6899
Dr. Umbreen

To: Mr. M. Usman Rauf
Resident Engineer, Highways and Transportation Engineering Division, NESPAK (Pvt) Ltd

Project: Improvement of PCC Main Street Tajpura Pind Lahore (Aziz Bhatti Zone). (MCL Projects)

Our Ref. No. CL/CED/ 4499 Dated: 22/3/2024

Your Ref. No. 4084/103/MUR/104/1805 Dated: 12-03-24

Test Specification
(BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 20/3/2024 Tested on: 22/3/2024 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	---	20	2	2024	6x6x6	---	8.6	36	86	5351	---	Non Engraved
2	---	20	2	2024	6x6x6	---	8	36	66	4107	---	Non Engraved
3	---	20	2	2024	6x6x6	---	8.6	36	95	5911	---	Non 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
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Note: Above results pertain to the unsealed samples supplied to the laboratory

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ORIGINAL
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6881
Dr. Ubaid

To: Sub Divisional Officer
Link Sub Division, Chakbandi Division Lahore.

Project: Const. of Gated Head Regulators from RD: 205+000 to 283+000 of BRBD Link Canal of Chakbandi Division Lahore (Package-A) [At RD 210+000 Defence Head Regulator- Stilling Basin Wall L/S 1st Portion]

Our Ref. No. CL/CED/ 4500 Dated: 22/3/2024

Your Ref. No. 64/66-G Dated: 11-03-24

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 18/03/2024 Tested on: 22/3/2024 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	4000 Psi	12	2	2024	6Diax12	---	13.6	28.28	54	4277	---	Non Engraved
2	4000 Psi	12	2	2024	6Diax12	---	14.6	28.28	51	4040	---	Non Engraved
3	4000 Psi	12	2	2024	6Diax12	---	14.6	28.28	51	4040	---	Non 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
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ORIGINAL
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6881
Dr. Ubaid

To: **Sub Divisional Officer**
Link Sub Division, Chakbandi Division Lahore

Project: Const. of Gated Head Regulators from RD: 205+000 to 283+000 of BRBD Link Canal of Chakbandi Division Lahore (Package-A) [At RD 210+000 Defence Head Regulator- Stilling Basin Wall R/S 1st Portion]

Our Ref. No. CL/CED/ 4501 **Dated: 22/3/2024**

Your Ref. No. 66/66-G **Dated: 12-03-24**

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 18/03/2024 **Tested on:** 22/3/2024 **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	4000 Psi	13	2	2024	6Diax12	---	14.2	28.28	50	3960	---	Non Engraved
2	4000 Psi	13	2	2024	6Diax12	---	13.8	28.28	53	4198	---	Non Engraved
3	4000 Psi	13	2	2024	6Diax12	---	14.6	28.28	51	4040	---	Non 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
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Note: Above results pertain to the unsealed samples supplied to the laboratory

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

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6881
Dr. Ubaid

To: Sub Divisional Officer
Link Sub Division, Chakbandi Division Lahore

Project: Const. of Gated Head Regulators from RD: 205+000 to 283+000 of BRBD Link Canal of Chakbandi Division Lahore (Package-A) [At RD 210+000 Defence Head Regulator- Glasis Wall R/S 1st Portion]

Our Ref. No. CL/CED/ 4502 Dated: 22/3/2024

Your Ref. No. 69/66-G Dated: 12-03-24

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 18/03/2024 Tested on: 22/3/2024 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	4000 Psi	15	2	2024	6Diax12	---	14	28.28	41	3248	---	Non Engraved
2	4000 Psi	15	2	2024	6Diax12	---	14	28.28	46	3644	---	Non Engraved
3	4000 Psi	15	2	2024	6Diax12	---	14	28.28	34	2693	---	Non 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)
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.

6881
Dr. Ubaid

To: Sub Divisional Officer
Link Sub Division, Chakbandi Division Lahore

Project:Const. of Gated Head Regulators from RD: 205+000 to 283+000 of BRBD Link Canal of Chakbandi Div. Lhr (Pkg-A) [At RD 233+000 Defence Head Regulator- Straight W./Face W. R/S Upstream 1st Portion]

Our Ref. No. CL/CED/ 4503 Dated: 22/3/2024 **Test Specification**

Your Ref. No. 70/66-G Dated: 15/3/2024 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 18/03/2024 Tested on: 22/3/2024 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	4000 Psi	16	2	2024	6Diax12	---	14.4	28.28	41	3248	---	Non Engraved
2	4000 Psi	16	2	2024	6Diax12	---	14.6	28.28	38	3010	---	Non Engraved
3	4000 Psi	16	2	2024	6Diax12	---	14.8	28.28	39	3089	---	Non 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)
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.

6881
Dr. Ubaid

To: Sub Divisional Officer
Link Sub Division, Chakbandi Division Lahore

Project: Const. of Gated Head Regulators from RD: 205+000 to 283+000 of BRBD Link Canal of Chakbandi Division Lahore (Package-A) [At RD 210+000 Defence Head Regulator- Glasis Wall R/S 1st Portion]

Our Ref. No. CL/CED/ 4504 Dated: 22/3/2024

Your Ref. No. 71/66-G Dated: 16-03-24

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 18/03/2024 Tested on: 22/3/2024 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	4000 Psi	17	2	2024	6Diax12	---	14.4	28.28	50	3960	---	Non Engraved
2	4000 Psi	17	2	2024	6Diax12	---	14.4	28.28	52	4119	---	Non Engraved
3	4000 Psi	17	2	2024	6Diax12	---	14	28.28	44	3485	---	Non 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)
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.

6901
Dr. Umbreen

To: Mr. Asif Javed
Resident Engineer, New Vision Engineering Consultant

Project: Strengthening Infrastructure and Academic Programs of Government College Women University Sialkot. Construction of Faculty Natural Sciences Block (First Floor) Group-01 (AREA#09 SLAB)

Our Ref. No. CL/CED/ 4505 Dated: 22/3/2024

Your Ref. No. NVEC/GCWUS/T-21 Dated: 04-03-24

Test Specification
(BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 20/3/2024 Tested on: 22/3/2024 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	---	3	2	2024	6x6x6	---	8.4	36	83	5164	---	Non Engraved
2	---	3	2	2024	6x6x6	---	8.2	36	84	5227	---	Non Engraved
3	---	3	2	2024	6x6x6	---	8.4	36	92	5724	---	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/

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 compressive 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.

6901
Dr. Umbreen

To: Mr. Asif Javed
Resident Engineer, New Vision Engineering Consultant

Project: Strengthening Infrastructure and Academic Programs of Government College Women University Sialkot. Construction of Faculty Natural Sciences Block (First Floor) Group-01 (AREA#10 COLUMNS)

Our Ref. No. CL/CED/ 4506 Dated: 22/3/2024

Your Ref. No. NVEC/GCWUS/T-19 Dated: 10-01-24

Test Specification
(BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 20/3/2024 Tested on: 22/3/2024 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	---	13	12	2023	6x6x6	---	9	36	86	5351	---	Non Engraved
2	---	13	12	2023	6x6x6	---	9	36	84	5227	---	Non Engraved
3	---	13	12	2023	6x6x6	---	8.8	36	92	5724	---	Non 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 compressive 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.

6901
Dr. Umbreen

To: Mr. Asif Javed
Resident Engineer, New Vision Engineering Consultant

Project: Strengthening Infrastructure and Academic Programs of Government College Women University Sialkot. Construction of Faculty Natural Sciences Block (First Floor) Group-01 (COLUMNS)

Our Ref. No. CL/CED/ 4507 Dated: 22/3/2024

Your Ref. No. NVEC/GCWUS/T-16a Dated: 22/11/2023

Test Specification
(BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 20/3/2024 Tested on: 22/3/2024 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	---	23	10	2023	6x6x6	---	8.6	36	86	5351	---	Non Engraved
2	---	23	10	2023	6x6x6	---	8.6	36	88	5476	---	Non Engraved
3	---	23	10	2023	6x6x6	---	9.2	36	100	6222	---	Non 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)
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.

6905
Dr. Umbreen

To: Mr. Muhammad Imran Khan
Material Engineer ECSP, MPA Hostel, Phase-II

Project: Engineering Consultancy Services for Construction of MPA'S Hostel Lahore, Phase-II (Water Tank Slab- Group No. 2). (Contractor: M/s Shafiq Construction Company)

Our Ref. No. CL/CED/ 4508 Dated: 22/3/2024 **Test Specification**

Your Ref. No. 340/ECSP/MPA/ME/84 Dated: 04-03-24 (BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 21/3/2024 **Tested on:** 22/3/2024 **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	Ratio (1:1.5:3)	2	2	2024	6x6x6	---	8.6	36	65	4044	---	Non Engraved
2	Ratio (1:1.5:3)	2	2	2024	6x6x6	---	9	36	78	4853	---	Non Engraved
3	Ratio (1:1.5:3)	2	2	2024	6x6x6	---	9	36	79	4916	---	Non 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 compressive 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.

6896
Dr. Umbreen

To: **Mr. Naveed Sultan**
Civil Officer, Access Engineering (Pvt) Ltd

Project: Workshop Builiding Footing and Pedestal

Our Ref. No. CL/CED/ 4509 **Dated: 22/3/2024** **Test Specification**

Your Ref. No. Nil **Dated: 19/3/2024** **(BS 1881-116)**

COMPRESSION TEST REPORT

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

Specimens received on: 20/3/2024 **Tested on:** 22/3/2024 **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	AE Workshop (Footing)	14	2	2024	6x6x6	---	8.4	36	78	4853	---	Engraved
2	AE Workshop (Footing)	14	2	2024	6x6x6	---	8.4	36	79	4916	---	Engraved
3	AE Workshop (Footing)	14	2	2024	6x6x6	---	8.4	36	84	5227	---	Engraved
4	AE Workshop (Footing)	14	2	2024	6x6x6	---	9	36	86	5351	---	Engraved
5	AE Workshop (Column)	15	2	2024	6x6x6	---	9	36	83	5164	---	Engraved
6	AE Workshop (Column)	15	2	2024	6x6x6	---	8.8	36	83	5164	---	Engraved
7	AE Workshop (Column)	15	2	2024	6x6x6	---	8.8	36	82	5102	---	Engraved
8	AE Workshop (Column)	15	2	2024	6x6x6	---	9	36	83	5164	---	Engraved
9	---	---	---	---	---	---	---	---	---	---	---	---
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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.

6830
Dr. Umbreen

To: Sub Divisional Officer
Sub Division No. 17, GOR-I, Lahore.

Project: Construction of Balance Work "Punjab Small Industries Coporation House", Davis Road, Lahore.

Our Ref. No. CL/CED/ 4510 **Dated:** 22/3/2024 **Test Specification**

Your Ref. No. SDO/1045 **Dated:** 05-03-24 (----)

COMPRESSION TEST REPORT

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

Specimens received on: 07-03-24 **Tested on:** 22/3/2024 **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	MT	---	---	---	8.7 x 4.2 x 3	3590	3330	36.54	55	3372	7.81	---
2	MT	---	---	---	8.8 x 4.3 x 2.9	3565	3230	37.84	56	3315	10.37	---
3	MT	---	---	---	8.9 x 4.3 x 3	3650	3235	38.27	52	3044	12.83	---
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/

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**