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.

6824
Dr. Umbreen

To: Mr. WASEEM
AM IT OP's Gujranwala. (One Network Pvt. Ltd.)

Project: Design, Procurement, Deployment and Commissioning of CCTV, Control Room and Data Centre (Compute & Core Network) Infrastructure on EPC/Turnkey Basis for (PPIC3) Gujranwala.

Our Ref. No. CL/CED/ 4402 Dated: 08-03-24

Your Ref. No. No. PPIC3-GUJ/ONPL/2024/0001 Dated: 06-03-24

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 06/03/2024 Tested on: 08-03-24 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	27	2	2024	6Diax12	---	13	28.28	58	4594	---	Non Engraved
2	4000 Psi	27	2	2024	6Diax12	---	13.6	28.28	54	4277	---	Non Engraved
3	4000 Psi	27	2	2024	6Diax12	---	13	28.28	50	3960	---	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
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ORIGINAL
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6824
Dr. Umbreen

To: Mr. WASEEM
AM IT OP's Gujranwala. (One Network Pvt. Ltd.)

Project: Design, Procurement, Deployment and Commissioning of CCTV, Control Room and Data Centre (Compute & Core Network) Infrastructure on EPC/Turnkey Basis for (PPIC3) Gujranwala.

Our Ref. No. CL/CED/ 4403 Dated: 08-03-24

Your Ref. No. No. PPIC3-GUJ/ONPL/2024/0002 Dated: 06-03-24

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 06/03/2024 Tested on: 08-03-24 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	7	2	2024	6Diax12	---	13	28.28	66	5228	---	Non Engraved
2	4000 Psi	7	2	2024	6Diax12	---	13.2	28.28	84	6653	---	Non Engraved
3	4000 Psi	7	2	2024	6Diax12	---	13	28.28	60	4752	---	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**

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Civil Engineering Department
University of Engineering and Technology, Lahore. Pakistan
Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

ORIGINAL
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6813
Dr. Umbreen

To: Hussain Construction Company, Residential & Commercial Builders
4th Floor, 244-C, DHA Phase-8, Broadway, Lahore.

Project: Construction of Concrete Slab of Second Floor (Allied Health School) at CMH Medical and Dental College Lahore.

Our Ref. No. CL/CED/ 4404 **Dated:** 08-03-24 **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: 05/03/2024 **Tested on:** 08-03-24 **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 (1:2:4)	5	2	2024	6Diax12	---	13	28.28	40	3168	---	Engraved
2	3000 Psi (1:2:4)	5	2	2024	6Diax12	---	13.4	28.28	56	4436	---	Engraved
3	3000 Psi (1:2:4)	5	2	2024	6Diax12	---	14	28.28	50	3960	---	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.

6823
Dr. Umbreen

To: Sub Divisional Officer
Link Sub Division, Lahore

Project: Const. of GATED HEAD REGULATORS FROM RD: 205+000 TO 283+000 OF BRBD LINK CANAL OF CHAKBANDI DIVISION LAHORE. Pkg-A (At RD 226+000- UPSTREAM FLOOR SLAB AT HEAD REGULATOR)

Our Ref. No. CL/CED/ 4405 Dated: 08-03-24

Your Ref. No. 41/Camp Dated: 23/2/2024

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 06/03/2024 **Tested on:** 08-03-24 **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	26	1	2024	6Diax12	---	14	28.28	62	4911	---	Non Engraved
2	4000 Psi	26	1	2024	6Diax12	---	13.4	28.28	58	4594	---	Non Engraved
3	4000 Psi	26	1	2024	6Diax12	---	14	28.28	58	4594	---	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**

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Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

ORIGINAL
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6823
Dr. Umbreen

To: Sub Divisional Officer
Link Sub 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 210+000- UPSTREAM SIDE W. OF HEAD REGULATOR BOTH SIDE)

Our Ref. No. CL/CED/ 4406 **Dated:** 08-03-24

Your Ref. No. 42/Camp **Dated:** 26/2/2024

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 06/03/2024 **Tested on:** 08-03-24 **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	29	1	2024	6Diax12	---	13.4	28.28	62	4911	---	Non Engraved
2	4000 Psi	29	1	2024	6Diax12	---	14	28.28	53	4198	---	Non Engraved
3	4000 Psi	29	1	2024	6Diax12	---	13.6	28.28	63	4990	---	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.

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6823
Dr. Umbreen

To: Sub Divisional Officer
Link Sub Division, Lahore

Project: Const.of GATED HEAD REGULATORS FROM RD: 205+000 TO 283+000 OF BRBD LINK CANAL OF CHAKBANDI DIVISION LHR. PACKAGE-A (At RD 210+000- CREST & D/S GLACIS OF HEAD REGULATOR)

Our Ref. No. CL/CED/ 4407 **Dated:** 08-03-24 **Test Specification**

Your Ref. No. 43/Camp **Dated:** 29/2/2024 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 06/03/2024 **Tested on:** 08-03-24 **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	1	2	2024	6Diax12	---	14.2	28.28	50	3960	---	Non Engraved
2	4000 Psi	1	2	2024	6Diax12	---	13.4	28.28	62	4911	---	Non Engraved
3	4000 Psi	1	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
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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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Supervisor (Lab) **Director/Dy. Director Concrete Laboratory**

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Dr. Umbreen

To: Sub Divisional Officer
Link Sub Division, Lahore

Project: Const. of GATED HEAD REGULATORS FROM RD: 205+000 TO 283+000 OF BRBD LINK CANAL OF CHAKBANDI DIVISION LHR. PKG-A (At RD 220+000- UPSTREAM SIDE WALLS OF HEAD REGULATOR)

Our Ref. No. CL/CED/ 4408 **Dated:** 08-03-24

Your Ref. No. 44/Camp **Dated:** 01-03-24

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 06/03/2024 **Tested on:** 08-03-24 **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	2	2	2024	6Diax12	---	13.6	28.28	44	3485	---	Non Engraved
2	4000 Psi	2	2	2024	6Diax12	---	14.2	28.28	50	3960	---	Non Engraved
3	4000 Psi	2	2	2024	6Diax12	---	14	28.28	58	4594	---	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
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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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A carbon copy for the report has been retained in the lab for record.

6823
Dr. Umbreen

To: Sub Divisional Officer
Link Sub Division, Lahore

Project: Const. of GATED HEAD REGULATORS FROM RD: 205+000 TO 283+000 OF BRBD LINK CANAL OF CHAKBANDI DIVISION LHR. PKG-B (At RD 233+000- UPSTREAM FLOOR SLAB OF HEAD REGULATOR)

Our Ref. No. CL/CED/ 4409 **Dated:** 08-03-24

Your Ref. No. 45/Camp **Dated:** 02-03-24

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 06/03/2024 **Tested on:** 08-03-24 **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	3	2	2024	6Diax12	---	13.6	28.28	63	4990	---	Non Engraved
2	4000 Psi	3	2	2024	6Diax12	---	13	28.28	60	4752	---	Non Engraved
3	4000 Psi	3	2	2024	6Diax12	---	14	28.28	62	4911	---	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.

6821
Dr. Umbreen

To: Engineer Zain Bukhari
Manager Projects, AENZAY

Project: Construction of Boundary Wall Footing Pad, Beam and Column Machika T1 Tppl Terminal Sheikhupura.

Our Ref. No. CL/CED/ 4410 Dated: 08-03-24

Your Ref. No. Aenzay0124 Dated: 05-03-24

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 06/03/2024 Tested on: 08-03-24 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	6	2	2024	6Diax12	---	13.6	28.28	60	4752	---	Non Engraved
2	3000 Psi	6	2	2024	6Diax12	---	13.2	28.28	64	5069	---	Non Engraved
3	3000 Psi	6	2	2024	6Diax12	---	13	28.28	46	3644	---	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
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 Corporation House" Davis Road, Lahore.

Our Ref. No. CL/CED/ 4411 Dated: 08-03-24 **Test Specification**

Your Ref. No. SDO/1047 Dated: 05-03-24 (BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 07/03/2024 Tested on: 08-03-24 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	Column (1:2:4)	22	2	2024	6x6x6	---	8.2	36	80	4978	---	Engraved
2	Column (1:2:4)	22	2	2024	6x6x6	---	8	36	62	3858	---	Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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.

6832
Dr. Umbreen

To: Assistant Resident Engineer
16 City of Project, Package # 1 (Jhelum); MM Pakistan (Pvt) Ltd.

Project: Punjab Cities Program- Detailed Design of Infrastructure Sub-Projects, Sectoral Planning & Resident Supervision in 16 Cities of Punjab (RCC Bed Concrete of the Rainwater Storage Tank)

Our Ref. No. CL/CED/ 4412 Dated: 08-03-24 Test Specification

Your Ref. No. ARE/JHE-AP/MC-15 Dated: 29/2/2024 (BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 07/03/2024 **Tested on:** 08-03-24 **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	Rainwater Storage Tank	7	2	2024	6x6x6	---	8.2	36	74	4604	---	Non Engraved
2	Rainwater Storage Tank	7	2	2024	6x6x6	---	8	36	58	3609	---	Non Engraved
3	Rainwater Storage Tank	7	2	2024	6x6x6	---	8.2	36	80	4978	---	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.

6832
Dr. Umbreen

To: Assistant Resident Engineer
16 City of Project, Package # 1 (Jhelum); MM Pakistan (Pvt) Ltd.

Project: Punjab Cities Program- Detailed Design of Infrastructure Sub-Projects, Sectoral Planning & Resident Supervision in 16 Cities of Punjab (RCC Walls Concrete of the Rainwater Storage Tank)

Our Ref. No. CL/CED/ 4413 Dated: 08-03-24 **Test Specification**

Your Ref. No. ARE/JHE-AP/MC-16 Dated: 05-03-24 (BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 07/03/2024 **Tested on:** 08-03-24 **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	Walls- Rainwater Storage Tank	22	2	2024	6x6x6	---	8.4	36	66	4107	---	Engraved
2	Walls- Rainwater Storage Tank	22	2	2024	6x6x6	---	8.2	36	74	4604	---	Engraved
3	Walls- Rainwater Storage Tank	22	2	2024	6x6x6	---	8.4	36	64	3982	---	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**

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University of Engineering and Technology, Lahore. Pakistan
Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

ORIGINAL
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6816
Dr. Umbreen

To: **Mr. Muhammad Abubakar Ahmad**
ZAUQ e TAMEER Architectural & Construction Services, Gujranwala

Project: Central Park, Lahore.

Our Ref. No. CL/CED/ 4414 **Dated: 08-03-24** **Test Specification**

Your Ref. No. No. 01 **Dated: 04-03-24** **(----)**

COMPRESSION TEST REPORT

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

Specimens received on: 05-03-24 **Tested on:** 08-03-24 **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 (#1)	22	2	2024	11.9 x 4 x 8	---	16	47.6	54	2541	---	---
2	Solid Block (#1)	22	2	2024	11.9 x 3.9 x 8	---	16.4	46.41	44	2124	---	---
3	Solid Block (#1)	22	2	2024	11.9 x 4 x 8	---	15.2	47.6	48	2259	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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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
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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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Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

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

6816
Dr. Umbreen

To: **Mr. Muhammad Abubakar Ahmad**
ZAUQ e TAMEER Architectural & Construction Services, Gujranwala

Project: Central Park, Lahore

Our Ref. No. CL/CED/ 4415 **Dated: 08-03-24** **Test Specification**

Your Ref. No. No. 02 **Dated: 05-03-24** **(----)**

COMPRESSION TEST REPORT

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

Specimens received on: 05-03-24 **Tested on:** 08-03-24 **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 (#2)	23	2	2024	11.8 x 4 x 8	---	15	47.2	42	1993	---	---
2	Solid Block (#2)	23	2	2024	11.8 x 4 x 8	---	15	47.2	38	1803	---	---
3	Solid Block (#2)	23	2	2024	11.8 x 3.9 x 8	---	14.6	46.02	52	2531	---	---
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**