



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.

9026
 Dr. Rizwan Riaz

To: Mr. Anwar ul Haq
 Project Manager, IKAN Engineering Services Pvt. Ltd.
 Project: CONSTRUCTION OF ZONG MSC FAISALABAD.
 Our Ref. No. CL/CED/ 7584
 Your Ref. No. IKAN-FSD-SITE-UET/002

Dated: 05/03/2025
 Dated: 27/02/2025

Test Specification
 (----)

COMPRESSION TEST REPORT



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

Specimens received on: **04/03/2025** Tested on: **04/03/2025** in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	PCC Block Spacer	26	2	2025	2.7Diax2.2	---	445	5.73	7.5	2932	---	---
2	PCC Block Spacer	26	2	2025	2.7Diax2.0	---	435	5.73	5.75	2248	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Mr. Naeem Yaseen CNIC # 35202-2670505-7

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

- * as engraved on the specimens (if any)
- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- **** AC1318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as compressive strength

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

- The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
- The test results are recommended to be interpreted in the light of above factors by the engineer.

Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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Civil Engineering Department
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ORIGINAL
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9021
 Dr. M. Mazhar

To: Mr. M. Mazhar Maqbool
 G.M. (Planning & Admin), For Kraftcon (Pvt) Ltd .

Project: BIO MASS BOILER AT AZGARD-9 LIMITED, MANGA MANDI.

Our Ref. No. CL/CED/ 7585

Dated: 05/03/2025

Test Specification

Your Ref. No. kpl/25/111

Dated: 04/03/2025

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 04/03/2025 **Tested on:** 05/03/2025 **in dry/wet condition**

Sr. No.	Mark*	Casting Date*			Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	Concrete Type C26	25	2	2025	6x6x6	---	9	36	64	3982	---	Non Engraved
2	Concrete Type C26	25	2	2025	6x6x6	---	9	36	50	3111	---	Non Engraved
3	Concrete Type C26	25	2	2025	6x6x6	---	9	36	56	3484	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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

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

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

- The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
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Director/Dy. Director Concrete Laboratory



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9021
 Dr. M. Mazhar

To: Mr. M. Mazhar Maqbool
 G.M. (Planning & Admin), For Kraftcon (Pvt) Ltd .

Project: BIO MASS BOILER AT AZGARD-9 LIMITED, MANGA MANDI.

Our Ref. No. CL/CED/ 7586

Dated: 05/03/2025

Test Specification

Your Ref. No. kpl/25/112

Dated: 04/03/2025

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 04/03/2025 **Tested on:** 05/03/2025 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	Concrete Type C26	4	2	2025	6x6x6	---	9	36	121	7529	---	Non Engraved
2	Concrete Type C26	4	2	2025	6x6x6	---	9	36	109	6782	---	Non Engraved
3	Concrete Type C26	4	2	2025	6x6x6	---	9	36	109	6782	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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

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

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Director/Dy. Director Concrete Laboratory



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8762
Dr. Umbreen

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

Project: Installation of Street Lights on Jaddah Road in Jhelum City.

Our Ref. No. CL/CED/ 7587

Dated: 05/03/2025

Test Specification

Your Ref. No. ARE/JHE-ISL/MC-31

Dated: 22/01/2025

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 28/01/2025 Tested on: 03/03/2025 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	---	26	12	2024	6x6x6	---	8.6	36	76	4729	---	Engraved
2	---	26	12	2024	6x6x6	---	8	36	60	3733	---	Engraved
3	---	26	12	2024	6x6x6	---	8.4	36	68	4231	---	Engraved
4	---	24	12	2024	6x6x6	---	8.4	36	89	5538	---	Engraved
5	---	24	12	2024	6x6x6	---	8.6	36	89	5538	---	Engraved
6	---	24	12	2024	6x6x6	---	8.4	36	88	5476	---	Engraved
7	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Mr. Muhammad Zeeshan

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

- * as engraved on the specimens (if any)
- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
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ORIGINAL
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8971
Dr. M. Mazhar

To: Mr. Ali Khwaja
Director, OAKTREE DESIGNS, Phase 6, DHA, Lahore

Project: 45 Sarwar Colony Cantt, Lahore.

Our Ref. No. CL/CED/ 7588-1 of 2

Dated: 05/03/2025

Test Specification

Your Ref. No. Nil

Dated: 20/2/2025

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 24/2/2025 Tested on: 05/03/2025 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	3000 Psi	3	2	2025	6Diax12	---	14	28.28	81	6416	---	Non Engraved
2	3000 Psi	3	2	2025	6Diax12	---	14	28.28	86	6812	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

- * as engraved on the specimens (if any)
- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
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Note: Above results pertain to the unsealed samples supplied to the laboratory

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ORIGINAL
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8975
 Dr. M. Mazhar

To: Sub Divisional Officer
 Ravi Syphon Sub Division, Batapur Lahore, Canal Bank Road Mustafabad Dharampura Lahore
Project: Construction of Gated Head Regulators From RD. 205+000 to 283+000 of BRBD Link Canal (Package-C) At H/R RD. 263+000/L CREST PORTION LEFT SIDE WALL
Our Ref. No. CL/CED/ 7589 **Dated:** 05/03/2025 **Test Specification**
Your Ref. No. 41/Camp **Dated:** 21/2/2025 **(ASTM C39)**

COMPRESSION TEST REPORT



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

Specimens received on: **24/2/2025** Tested on: **05/03/2025** in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	263+000/L (1:1.45:2.20)	26	1	2025	6Diax12	---	14.2	28.28	95	7525	---	Non Engraved
2	263+000/L (1:1.45:2.20)	26	1	2025	6Diax12	---	14.4	28.28	70	5545	---	Non Engraved
3	263+000/L (1:1.45:2.20)	26	1	2025	6Diax12	---	14.2	28.28	48	3802	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

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Director/Dy. Director Concrete Laboratory



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8975
 Dr. M. Mazhar

To: Sub Divisional Officer
 Ravi Syphon Sub Division, Batapur Lahore, Canal Bank Road Mustafabad Dharampura Lahore
Project: Construction of Gated Head Regulators From RD. 205+000 to 283+000 of BRBD Link Canal (Package-C) At H/R RD. 263+000/L DOWNSTREAM GLACIS LEFT AND RIGHT SIDE WALL-2 (H/C 8ft)
 Our Ref. No. CL/CED/ 7590 Dated: 05/03/2025 Test Specification
 Your Ref. No. 39/Camp Dated: 21/2/2025 (ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: **24/2/2025** Tested on: **05/03/2025** in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	263+000/L (1:1.45:2.20)	25	1	2025	6Diax12	---	14.4	28.28	79	6257	---	Non Engraved
2	263+000/L (1:1.45:2.20)	25	1	2025	6Diax12	---	14.4	28.28	60	4752	---	Non Engraved
3	263+000/L (1:1.45:2.20)	25	1	2025	6Diax12	---	14.6	28.28	44	3485	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
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Director/Dy. Director Concrete Laboratory



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8975
 Dr. M. Mazhar

To: Sub Divisional Officer
 Ravi Syphon Sub Division, Batapur Lahore, Canal Bank Road Mustafabad Dharampura Lahore
Project: Construction of Gated Head Regulators From RD. 205+000 to 283+000 of BRBD Link Canal (Package-C) At H/R RD. 263+000/L DOWNSTREAM GLACIS LEFT AND RIGHT SIDE WALL (H/C 8ft)
 Our Ref. No. CL/CED/ 7591 Dated: 05/03/2025 Test Specification
 Your Ref. No. 37/Camp Dated: 19/2/2025 (ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: **24/2/2025** Tested on: **05/03/2025** in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	263+000/L (1:1.45:2.20)	23	1	2025	6Diax12	---	14	28.28	87	6891	---	Non Engraved
2	263+000/L (1:1.45:2.20)	23	1	2025	6Diax12	---	14.4	28.28	68	5386	---	Non Engraved
3	263+000/L (1:1.45:2.20)	23	1	2025	6Diax12	---	14.2	28.28	64	5069	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

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

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

- The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
- The test results are recommended to be interpreted in the light of above factors by the engineer.

Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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

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

8975
 Dr. M. Mazhar

To: Sub Divisional Officer
 Ravi Syphon Sub Division, Batapur Lahore, Canal Bank Road Mustafabad Dharampura Lahore
Project: Construction of Gated Head Regulators From RD. 205+000 to 283+000 of BRBD Link Canal (Package-C) At H/R RD. 263+000/L Upstream Floor Left Side Wall, Upstream Glacis, Crest & Downstream Glacis
 Our Ref. No. CL/CED/ 7592 Dated: 05/03/2025 Test Specification
 Your Ref. No. 34/Camp Dated: 17/2/2025 (ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: **24/2/2025** Tested on: **05/03/2025** in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	263+000/L (1:1.45:2.20)	21	1	2025	6Diax12	---	14	28.28	46	3644	---	Non Engraved
2	263+000/L (1:1.45:2.20)	21	1	2025	6Diax12	---	14.6	28.28	36	2851	---	Non Engraved
3	263+000/L (1:1.45:2.20)	21	1	2025	6Diax12	---	14	28.28	64	5069	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

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

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

- The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
- The test results are recommended to be interpreted in the light of above factors by the engineer.

Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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

ORIGINAL
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8975
 Dr. M. Mazhar

To: Sub Divisional Officer
 Ravi Syphon Sub Division, Batapur Lahore, Canal Bank Road Mustafabad Dharampura Lahore
Project: Construction of Gated Head Regulators From RD. 205+000 to 283+000 of BRBD Link Canal (Package-C) At H/R RD. 266+000/L Upstream Floor Right Side Wall
Our Ref. No. CL/CED/ 7593 **Dated:** 05/03/2025 **Test Specification**
Your Ref. No. 24/Camp **Dated:** 17/2/2025 **(ASTM C39)**

COMPRESSION TEST REPORT



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

Specimens received on: **24/2/2025** Tested on: **05/03/2025** in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	266+000/L (1:1.45:2.20)	13	1	2025	6Diax12	---	14	28.28	60	4752	---	Non Engraved
2	266+000/L (1:1.45:2.20)	13	1	2025	6Diax12	---	14.4	28.28	77	6099	---	Non Engraved
3	266+000/L (1:1.45:2.20)	13	1	2025	6Diax12	---	14.4	28.28	91	7208	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

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

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

- The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
- The test results are recommended to be interpreted in the light of above factors by the engineer.

Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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Civil Engineering Department
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 Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

ORIGINAL
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8975
 Dr. M. Mazhar

To: Sub Divisional Officer
 Ravi Syphon Sub Division, Batapur Lahore, Canal Bank Road Mustafabad Dharampura Lahore
Project: Construction of Gated Head Regulators From RD. 205+000 to 283+000 of BRBD Link Canal (Package-C) At H/R RD. 266+000/L Upstream Floor Left Side Wall
Our Ref. No. CL/CED/ 7594 **Dated:** 05/03/2025 **Test Specification**
Your Ref. No. 26/Camp **Dated:** 11/02/2025 **(ASTM C39)**

COMPRESSION TEST REPORT



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

Specimens received on: 24/2/2025 **Tested on:** 05/03/2025 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	266+000/L (1:1.45:2.20)	14	1	2025	6Diax12	---	14	28.28	56	4436	---	Non Engraved
2	266+000/L (1:1.45:2.20)	14	1	2025	6Diax12	---	14.4	28.28	76	6020	---	Non Engraved
3	266+000/L (1:1.45:2.20)	14	1	2025	6Diax12	---	14.2	28.28	70	5545	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

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

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

- The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
- The test results are recommended to be interpreted in the light of above factors by the engineer.

Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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

ORIGINAL
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8975
 Dr. M. Mazhar

To: Sub Divisional Officer
 Ravi Syphon Sub Division, Batapur Lahore, Canal Bank Road Mustafabad Dharampura Lahore
Project: Construction of Gated Head Regulators From RD. 205+000 to 283+000 of BRBD Link Canal (Package-C) At H/R RD. 263+000/L Crest Portion Side Wall
Our Ref. No. CL/CED/ 7595 **Dated:** 05/03/2025 **Test Specification**
Your Ref. No. 44/Camp **Dated:** 20/2/2025 **(ASTM C39)**

COMPRESSION TEST REPORT



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

Specimens received on: **24/2/2025** Tested on: **05/03/2025** in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	263+000/L (1:1.45:2.20)	24	1	2025	6Diax12	---	14.4	28.28	44	3485	---	Non Engraved
2	263+000/L (1:1.45:2.20)	24	1	2025	6Diax12	---	14.2	28.28	95	7525	---	Non Engraved
3	263+000/L (1:1.45:2.20)	24	1	2025	6Diax12	---	14.6	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/>

- * as engraved on the specimens (if any)
- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- **** AC1318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as compressive strength

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

- The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
- The test results are recommended to be interpreted in the light of above factors by the engineer.

Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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

ORIGINAL
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8975
 Dr. M. Mazhar

To: Sub Divisional Officer
 Ravi Syphon Sub Division, Batapur Lahore, Canal Bank Road Mustafabad Dharampura Lahore
Project: Construction of Gated Head Regulators From RD. 205+000 to 283+000 of BRBD Link Canal (Package-C) At H/R RD. 263+000/L Crest Portion Side Wall
Our Ref. No. CL/CED/ 7596 **Dated:** 05/03/2025 **Test Specification**
Your Ref. No. 47/Camp **Dated:** 24/2/2025 **(ASTM C39)**

COMPRESSION TEST REPORT



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

Specimens received on: **24/2/2025** Tested on: **05/03/2025** in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	263+000/L (1:1.45:2.20)	28	1	2025	6Diax12	---	14.4	28.28	87	6891	---	Non Engraved
2	263+000/L (1:1.45:2.20)	28	1	2025	6Diax12	---	14.2	28.28	66	5228	---	Non Engraved
3	263+000/L (1:1.45:2.20)	28	1	2025	6Diax12	---	14.2	28.28	64	5069	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

- * as engraved on the specimens (if any)
- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- **** AC1318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as compressive strength

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

- The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
- The test results are recommended to be interpreted in the light of above factors by the engineer.

Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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

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 Dr. M. Mazhar

To: Sub Divisional Officer
 Ravi Syphon Sub Division, Batapur Lahore, Canal Bank Road Mustafabad Dharampura Lahore
Project: Construction of Gated Head Regulators From RD. 205+000 to 283+000 of BRBD Link Canal (Package-C) At H/R RD. 266+000/L Crest Portion Side Wall
Our Ref. No. CL/CED/ 7597 **Dated:** 05/03/2025 **Test Specification**
Your Ref. No. 46/Camp **Dated:** 22/2/2025 **(ASTM C39)**

COMPRESSION TEST REPORT



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

Specimens received on: **24/2/2025** Tested on: **05/03/2025** in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	266+000/L (1:1.45:2.20)	27	1	2025	6Diax12	---	14.2	28.28	84	6653	---	Non Engraved
2	266+000/L (1:1.45:2.20)	27	1	2025	6Diax12	---	14.4	28.28	89	7050	---	Non Engraved
3	266+000/L (1:1.45:2.20)	27	1	2025	6Diax12	---	14.2	28.28	87	6891	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

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

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

- The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
- The test results are recommended to be interpreted in the light of above factors by the engineer.

Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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

ORIGINAL
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 Dr. M. Mazhar

To: Sub Divisional Officer
 Ravi Syphon Sub Division, Batapur Lahore, Canal Bank Road Mustafabad Dharampura Lahore
Project: Construction of Gated Head Regulators From RD. 205+000 to 283+000 of BRBD Link Canal (Package-C) At H/R RD. 263+000/L Upstream Floor Slab
Our Ref. No. CL/CED/ 7598 **Dated:** 05/03/2025 **Test Specification**
Your Ref. No. 28/Camp **Dated:** 12/02/2025 **(ASTM C39)**

COMPRESSION TEST REPORT



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

Specimens received on: **24/2/2025** Tested on: **05/03/2025** in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	263+000/L (1:1.45:2.20)	16	1	2025	6Diax12	---	14.4	28.28	75	5941	---	Non Engraved
2	263+000/L (1:1.45:2.20)	16	1	2025	6Diax12	---	14.4	28.28	56	4436	---	Non Engraved
3	263+000/L (1:1.45:2.20)	16	1	2025	6Diax12	---	14	28.28	87	6891	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

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

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

- The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
- The test results are recommended to be interpreted in the light of above factors by the engineer.

Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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

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

8975
 Dr. M. Mazhar

To: Sub Divisional Officer
 Ravi Syphon Sub Division, Batapur Lahore, Canal Bank Road Mustafabad Dharampura Lahore
Project: Construction of Gated Head Regulators From RD. 205+000 to 283+000 of BRBD Link Canal (Package-C) At H/R RD. 263+000/L Upstream Floor Right Side Wall
Our Ref. No. CL/CED/ 7599 **Dated:** 05/03/2025 **Test Specification**
Your Ref. No. 32/Camp **Dated:** 15/2/2025 **(ASTM C39)**

COMPRESSION TEST REPORT



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

Specimens received on: **24/2/2025** Tested on: **05/03/2025** in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	263+000/L (1:1.45:2.20)	19	1	2025	6Diax12	---	14	28.28	85	6733	---	Non Engraved
2	263+000/L (1:1.45:2.20)	19	1	2025	6Diax12	---	14.2	28.28	81	6416	---	Non Engraved
3	263+000/L (1:1.45:2.20)	19	1	2025	6Diax12	---	14.2	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/>

- * as engraved on the specimens (if any)
- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- **** AC1318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as compressive strength

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

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Director/Dy. Director Concrete Laboratory



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ORIGINAL
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8975
 Dr. M. Mazhar

To: Sub Divisional Officer
 Ravi Syphon Sub Division, Batapur Lahore, Canal Bank Road Mustafabad Dharampura Lahore
Project: Construction of Gated Head Regulators From RD. 205+000 to 283+000 of BRBD Link Canal (Package-C) At H/R RD. 266+000/L Upstream Glacis, Crest and Downstream Glacis
Our Ref. No. CL/CED/ 7600 **Dated:** 05/03/2025 **Test Specification**
Your Ref. No. 30/Camp **Dated:** 15/2/2025 **(ASTM C39)**

COMPRESSION TEST REPORT



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

Specimens received on: **24/2/2025** Tested on: **05/03/2025** in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	266+000/L (1:1.45:2.20)	19	1	2025	6Diax12	---	14	28.28	70	5545	---	Non Engraved
2	266+000/L (1:1.45:2.20)	19	1	2025	6Diax12	---	14.2	28.28	46	3644	---	Non Engraved
3	266+000/L (1:1.45:2.20)	19	1	2025	6Diax12	---	14.2	28.28	72	5703	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

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

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

- The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
- The test results are recommended to be interpreted in the light of above factors by the engineer.

Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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Civil Engineering Department
 University of Engineering and Technology, Lahore, Pakistan
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ORIGINAL
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9014
 Dr. Umbreen

To: Engr. Haseeb Afzal
 Project Manager, HMB Developers Pvt Ltd, Shadman, Lahore
Project: Commercial Tower Finance Trade Center Lahore. 12th Floor Shear Wall C-D, E'-F/1-2 & Columns A, C, E / 1,2
Our Ref. No. CL/CED/ 7602 **Dated:** 05/03/2025 **Test Specification**
Your Ref. No. HMBDPL/S.O/03/25/177(LHR) **Dated:** 28/2/2025 **(ASTM C39)**

COMPRESSION TEST REPORT



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

Specimens received on: **28/2/2025** Tested on: **03/03/2025** in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	5000 Psi (CT-188)	5	2	2025	6Diax12	---	14.8	28.28	101	8000	---	Non Engraved
2	5000 Psi (CT-188)	5	2	2025	6Diax12	---	14.2	28.28	115	9109	---	Non Engraved
3	5000 Psi (CT-188)	5	2	2025	6Diax12	---	14.2	28.28	112	8871	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Mr. Mumtaz Ahmad, CNIC 38303-507719-7

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

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

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

- The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
- The test results are recommended to be interpreted in the light of above factors by the engineer.

Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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ORIGINAL
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8943
 Dr. M. Mazhar

To: Lt. Col. (R) Muhammad Ibrahim
 Senior Estate Engineer, Sundar Industrial Estate, Raiwind Road, Lahore

Project: Tenders of Development of LG Workshop & Construction of Grid Station Boundary Wall

Our Ref. No. CL/CED/ 7603

Dated: 05/03/2025

Test Specification

Your Ref. No. BOM/SIE/BCD 2-25/529

Dated: 18/02/2025

(BS 3921**)

COMPRESSION TEST REPORT



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

Specimens received on: 18/2/2025 **Tested on:** 05/03/2025 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	ABC	---	---	---	8.9 x 4.3 x 3	3755	3300	38.27	36	2107	13.79	---
2	ABC	---	---	---	8.8 x 4.3 x 3	3790	3335	37.84	28	1658	13.64	---
3	ABC	---	---	---	9 x 4.3 x 3	3820	3420	38.7	34	1968	11.7	---
4	ABC	---	---	---	8.9 x 4.3 x 3	3775	3370	38.27	38	2224	12.02	---
5	ABC	---	---	---	8.9 x 4.3 x 3	3775	3355	38.27	40	2341	12.52	---
6	ABC	---	---	---	8.8 x 4.3 x 3	3695	3355	37.84	32	1894	10.13	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

- * as engraved on the specimens (if any)
- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
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Note: Above results pertain to the unsealed samples supplied to the laboratory

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Director/Dy. Director Concrete Laboratory



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 University of Engineering and Technology, Lahore, Pakistan
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ORIGINAL
 A carbon copy for the report has been retained in the lab for record.

8935
 Dr. M. Mazhar

To: Mr. Abid Azim
 Resident Engineer, Ravi Zone, Highways & Transportation Engineering Division, NESPAK (Pvt) Ltd
 Project: Renovation/Improvement of Street Pavement, Sewerage/Drainage Qauan Colony, Nabi Pura,
 Bangali Bagh, Sultanpura, Hussain Park, Masoom Shah Road, Karam Nagar, Nishat Park, Badar Colony, Ch.
 Colony & Khokhar Road, Badami Bagh, HC 20 & 21 Ravi Zone MCI
 Our Ref. No. CL/CED/ 7604

Your Ref. No. 4084/103/LDP/Ravi/04/145

Dated: 05/03/2025 Test Specification
 Dated: 06/02/2025 (BS 3921**)

COMPRESSION TEST REPORT



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

Specimens received on: 18/2/2025 Tested on: 05/03/2025 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
		DD	MM	YYYY								
1	H	---	---	---	8.8 x 4.2 x 2.9	3725	3300	36.96	42	2545	12.88	---
2	H	---	---	---	8.8 x 4.2 x 3	3740	3350	36.96	42	2545	11.64	---
3	H	---	---	---	8.6 x 4.2 x 2.9	3820	3350	36.12	48	2977	14.03	---
4	H	---	---	---	9 x 4.2 x 3	3810	3345	37.8	42	2489	13.9	---
5	H	---	---	---	8.8 x 4.2 x 2.9	3765	3340	36.96	46	2788	12.72	---
6	H	---	---	---	9 x 4.3 x 3	3860	3470	38.7	44	2547	11.24	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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ORIGINAL
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8960
 Dr. M. Mazhar

To: Tameer Construction Pvt. Ltd.
 Thokar Niaz Baig, Lahore.

Project: New Switch Gear & CT-PT Building PEL Unit-II

Our Ref. No. CL/CED/ 7605

Dated: 05/03/2025

Test Specification

Your Ref. No. TCPL-PU2-LET-002

Dated: Nil

(BS 3921**)

COMPRESSION TEST REPORT



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

Specimens received on: 20/2/2025 **Tested on:** 05/03/2025 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
		DD	MM	YYYY								
1	H	---	---	---	8.6 x 4 x 2.8	3275	2850	34.4	22	1433	14.91	---
2	H	---	---	---	8.5 x 4 x 2.7	3285	2810	34	28	1845	16.9	---
3	H	---	---	---	8.4 x 4.1 x 2.7	3335	2900	34.44	30	1951	15	---
4	H	---	---	---	8.6 x 4.1 x 2.8	3240	2800	35.26	32	2033	15.71	---
5	H	---	---	---	8.7 x 4 x 2.6	3315	2890	34.8	28	1802	14.71	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

- * as engraved on the specimens (if any)
- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
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Director/Dy. Director Concrete Laboratory