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.

8282
Dr. M. Burhan

To: Project Manager
INNOVATIVE CONSTRUCTION COMPANY

Project: CONSTRUCTION OF ALLIED BANK SARGODHA.

Our Ref. No. CL/CED/ 6542 **Dated: 22-11-24** **Test Specification**

Your Ref. No. ICI. ABL Sargodha 10 **Dated: 21-11-24** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 21-11-24 **Tested on:** 22-11-24 **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	Fire Fighting OHWT Walls	16	9	2024	6Diax12	---	13.2	28.28	68	5386	---	Non Engraved
2	Fire Fighting OHWT Walls	16	9	2024	6Diax12	---	13.4	28.28	75	5941	---	Non Engraved
3	Fire Fighting OHWT Walls	16	9	2024	6Diax12	---	13.2	28.28	68	5386	---	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**

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ORIGINAL
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8283
Engr. A. Rehman

To: Sub Divisional Officer
Bhalwal Canal Sub Division, At Sargodha.

Project: CONCRETE LINING OF RATTOKALA DISTY FROM RD 40+000 To 71+500 & RD 79+500 To 82+066 TAIL.

Our Ref. No. CL/CED/ 6543 **Dated:** 22-11-24

Your Ref. No. 694 **Dated:** 07-10-24

Test Specification
(BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 21-11-24 **Tested on:** 22-11-24 **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	Reach RD:44+325 to 45+000(1:2:4)	13	6	2024	6x6x6	---	8	36	85	5289	---	Non Engraved
2	Reach RD:45+000 to 46+000(1:2:4)	23	7	2024	6x6x6	---	8	36	77	4791	---	Non Engraved
3	Reach RD:46+000 to 47+000(1:2:4)	4	8	2024	6x6x6	---	9	36	127	7902	---	Non Engraved
4	Reach RD:47+000 to 48000(1:2:4)	23	8	2024	6x6x6	---	8	36	109	6782	---	Non Engraved
5	Reach RD:48+000 to 49+000(1:2:4)	15	9	2024	6x6x6	---	8.2	36	66	4107	---	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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8283
Engr. A. Rehman

To: Sub Divisional Officer
Bhalwal Canal Sub Division, At Sargodha.

Project: CONCRETE LINING OF RATTOKALA DISTY FROM RD 40+000 To 71+500 & RD 79+500 To 82+066 TAIL.

Our Ref. No. CL/CED/ 6544 **Dated:** 22-11-24

Your Ref. No. 717 **Dated:** 21-10-24

Test Specification (BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 21-11-24 **Tested on:** 22-11-24 **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	Reach RD:48+000 to 49+000(1:2:4)	15	9	2024	6x6x6	---	8.2	36	87	5413	---	Non Engraved
2	Reach RD:49+000 to 50+000(1:2:4)	26	9	2024	6x6x6	---	8	36	64	3982	---	Non Engraved
3	Reach RD:50+000 to 51+000(1:2:4)	3	10	2024	6x6x6	---	8	36	52	3236	---	Non Engraved
4	Reach RD:51+000 to 52+000(1:2:4)	13	10	2024	6x6x6	---	8.2	36	85	5289	---	Non Engraved
5	Reach RD:52+000 to 52+250(1:2:4)	14	10	2024	6x6x6	---	8	36	107	6658	---	Non Engraved
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ORIGINAL
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8280
Engr. A. Rehman

To: Mr. MUHAMMAD SAJJAD
Project Incharge, House No. 60-C Model Town, Lahore.

Project: Construction of House No. 60, C Block Model Town Lahore.

Our Ref. No. CL/CED/ 6545 Dated: 22/11/2024

Your Ref. No. Nil Dated: Nil

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 21/11/2024 Tested on: 22/11/2024 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 + Shear Wall (4000 Psi)	3	11	2024	6Diax12	---	13.2	28.28	48	3802	---	Non Engraved
2	Columns + Shear Wall (4000 Psi)	3	11	2024	6Diax12	---	13	28.28	44	3485	---	Non Engraved
3	Columns + Shear Wall (4000 Psi)	3	11	2024	6Diax12	---	14	28.28	77	6099	---	Non Engraved
4	Shear Wall + Column (4000 Psi)	4	11	2024	6Diax12	---	13.2	28.28	45	3564	---	Non Engraved
5	Shear Wall + Column (4000 Psi)	4	11	2024	6Diax12	---	13.2	28.28	50	3960	---	Non Engraved
6	Shear Wall + Column (4000 Psi)	4	11	2024	6Diax12	---	13.4	28.28	53	4198	---	Non Engraved
7	Lift Retaining & Shear Walls (4ksi)	7	11	2024	6Diax12	---	14	28.28	48	3802	---	Non Engraved
8	Lift Retaining & Shear Walls (4ksi)	7	11	2024	6Diax12	---	14	28.28	61	4832	---	Non Engraved
9	Lift Retaining & Shear Walls (4ksi)	7	11	2024	6Diax12	---	13.4	28.28	54	4277	---	Non Engraved
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8273
Engr. A. Rehman

To: Mr. Kamran Khan
Procurement Manager, Q-LINKS Property Management Pvt. Ltd.

Project: Construction of Gold Souq, Bahria Town Lahore

Our Ref. No. CL/CED/ 6546 Dated: 22/11/2024

Your Ref. No. QLC-BO-BH2-2024-02-LTR-12-2024 Dated: 19/11/2024

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 20/11/2024 Tested on: 22/11/2024 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	Column Grid (B/2-3)-(5000 Psi)	9	10	2024	6Diax12	---	14	28.28	81	6416	---	Non Engraved
2	Retaining Wall Grid (A/1-5)(4 ksi)	9	10	2024	6Diax12	---	13.8	28.28	74	5861	---	Non Engraved
3	Retaining Wall Grid (A/1-5)(4 ksi)	9	10	2024	6Diax12	---	14.8	28.28	74	5861	---	Non Engraved
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Results can also be seen on website https://civil.uet.edu.pk/concrete-laboratory-reports1/

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8271
Engr. A. Rehman

To: Engr. Muhammad Farooq Memon
Resident Engineer, Metroplan-Asian JV, Site Office NSIC, Sargodha

Project: Establishment of Nawaz Sharif Institute of Cardiology, Sargodha (Main Building Ground Floor Slab Grid D I~J, Line 1~4)

Our Ref. No. CL/CED/ 6547 Dated: 22/11/2024 **Test Specification**

Your Ref. No. Metro-Asian(JV)/IDAP-NSIC-LAB/MB-SGD-RE/105 Dated: 20/11/2024 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 20/11/2024 **Tested on:** 22/11/2024 **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)	24	10	2024	6Diax12	---	13	28.28	60	4752	---	Non Engraved
2	(4000 Psi)	24	10	2024	6Diax12	---	13	28.28	60	4752	---	Non Engraved
3	(4000 Psi)	24	10	2024	6Diax12	---	13	28.28	56	4436	---	Non Engraved
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2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
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8271
Engr. A. Rehman

To: Engr. Muhammad Farooq Memon
Resident Engineer, METROPLAN-ASIAN JV, Site Office, NSIC-Sargodha

Project: Establishment of Nawaz Sharif Institute of Cardiology, Sargodha

Our Ref. No. CL/CED/ 6548 **Dated:** 22/11/2024 **Test Specification**

Your Ref. No. Metrop-Asian-JV/IDAP-NSIC-LAB/MB-SGD-RE/98 **Dated:** 13/11/2024 (----)

COMPRESSION TEST REPORT

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

Specimens received on: 20/11/2024 **Tested on:** 22/11/2024 **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	Concrete Hollow Block	---	---	---	15.9 x 8 x 8	---	25.4	76.28	102	2995	---	---
2	Concrete Hollow Block	---	---	---	15.9 x 8 x 8	---	24	76.28	121	3553	---	---
3	Concrete Hollow Block	---	---	---	15.9 x 7.9 x 8	---	23.5	74.71	115	3448	---	---
4	Concrete Hollow Block	---	---	---	15.9 x 8 x 8	---	25.2	76.28	107	3142	---	---
5	Concrete Hollow Block	---	---	---	15.9 x 7.9 x 8	---	26.4	74.71	103	3088	---	---
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