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.

8200
Dr. M. Yousaf

To: Manager Planning and Development
NOON Developers & Marketing, New Muslim Town, Lahore

Project: Canal Heights 3-B, Block B, Noon Avenue, New Muslim Town, Lahore

Our Ref. No. CL/CED/ 6467 Dated: 14/11/2024

Your Ref. No. CH/ST/01/24 Dated: 07-11-24

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 07-11-24 Tested on: 14/11/2024 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	Raft (4000 Psi)	22	10	2024	6Diax12	---	14	28.28	63	4990	---	Non Engraved
2	Raft (4000 Psi)	22	10	2024	6Diax12	---	14	28.28	58	4594	---	Non Engraved
3	Raft (4000 Psi)	22	10	2024	6Diax12	---	15	28.28	58	4594	---	Non Engraved
4	Raft (4000 Psi)	22	10	2024	6Diax12	---	14	28.28	42	3327	---	Non Engraved
5	Raft (4000 Psi)	22	10	2024	6Diax12	---	15	28.28	63	4990	---	Non Engraved
6	Raft (4000 Psi)	22	10	2024	6Diax12	---	14.8	28.28	64	5069	---	Non Engraved
7	Raft (4000 Psi)	22	10	2024	6Diax12	---	15	28.28	45	3564	---	Non Engraved
8	Raft (4000 Psi)	22	10	2024	6Diax12	---	14.8	28.28	54	4277	---	Non Engraved
9	Raft (4000 Psi)	25	10	2024	6Diax12	---	14	28.28	55	4356	---	Non Engraved
10	Raft (4000 Psi)	25	10	2024	6Diax12	---	15	28.28	56	4436	---	Non Engraved
11	Raft (4000 Psi)	25	10	2024	6Diax12	---	13.8	28.28	54	4277	---	Non Engraved
12	Raft (4000 Psi)	25	10	2024	6Diax12	---	14.6	28.28	44	3485	---	Non Engraved
13	Raft (4000 Psi)	25	10	2024	6Diax12	---	14.2	28.28	47	3723	---	Non Engraved
14	Raft (4000 Psi)	25	10	2024	6Diax12	---	13	28.28	64	5069	---	Non Engraved
15	Raft (4000 Psi)	25	10	2024	6Diax12	---	13	28.28	55	4356	---	Non Engraved
16	Raft (4000 Psi)	25	10	2024	6Diax12	---	14	28.28	64	5069	---	Non Engraved

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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8232
Dr. M. Yousaf

To: Mr. Abdul Rehman
Project Manager, NINE ARCHES, M.M. ALAM Road, Gulberg 2, Lahore

Project: 103 B1 Gulberg 3

Our Ref. No. CL/CED/ 6468 Dated: 14/11/2024

Your Ref. No. Nil Dated: 13/11/2024

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 13/11/2024 Tested on: 14/11/2024 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	8	10	2024	6Diax12	---	14.6	28.28	85	6733	---	Non Engraved
2	4000 Psi	8	10	2024	6Diax12	---	14.4	28.28	54	4277	---	Non Engraved
3	4000 Psi	8	10	2024	6Diax12	---	14.6	28.28	70	5545	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7		---	---	---	---	---	---	---	---	---	---	---
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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)
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8194
Dr. M. Yousaf

To: Mr. Muhammad Mohsin
Resident Engineer, Environmental & Public Health Engineering Division, NESPAK (Pvt) Ltd

Project: Tender No. P&S/25.01/5655 Cosntruction of Storm Water Drainage System from Sham Nagar to River Ravi (Package-II); Location Lower Wall (RD 7+676.51 to 7+684.73), Upper Wall (RD 7+676.51 to 7+684.73), Top

Our Ref. No. CL/CED/ 6469 Dated: 14/11/2024

Your Ref. No. 3882/11/MM/01/413 Dated: 05-11-24

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 07-11-24 **Tested on:** 14/11/2024 **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	Conc. Cyl. Drain (4000 Psi)	9	10	2024	6Diax12	---	14	28.28	92	7287	---	Non Engraved
2	Conc. Cyl. Drain (4000 Psi)	9	10	2024	6Diax12	---	13.6	28.28	72	5703	---	Non Engraved
3	Conc. Cyl. Drain (4000 Psi)	9	10	2024	6Diax12	---	14	28.28	106	8396	---	Non Engraved
4	Conc. Cyl. Drain (4000 Psi)	10	10	2024	6Diax12	---	14.4	28.28	86	6812	---	Non Engraved
5	Conc. Cyl. Drain (4000 Psi)	10	10	2024	6Diax12	---	14.2	28.28	85	6733	---	Non Engraved
6	Conc. Cyl. Drain (4000 Psi)	10	10	2024	6Diax12	---	14	28.28	81	6416	---	Non Engraved
7	Conc. Cyl. Drain (4000 Psi)	12	10	2024	6Diax12	---	14	28.28	93	7366	---	Non Engraved
8	Conc. Cyl. Drain (4000 Psi)	12	10	2024	6Diax12	---	13.8	28.28	80	6337	---	Non Engraved
9	Conc. Cyl. Drain (4000 Psi)	12	10	2024	6Diax12	---	14	28.28	61	4832	---	Non Engraved
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

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ORIGINAL
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8111
Dr. M. Yousaf

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/ 6470 **Dated: 14/11/2024** **Test Specification**

Your Ref. No. Metro-Asian-JV/IDAP-NSIC-LAB/A-SGD-RE/70 **Dated: 16/10/2024** **(BS 3921**)**

COMPRESSION TEST REPORT

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

Specimens received on: 29/10/2024 **Tested on:** 14/11/2024 **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	KB	---	---	---	8.8 x 4.2 x 2.9	3510	3095	36.96	24	1455	13.41	---
2	KB	---	---	---	8.9 x 4.3 x 2.8	3385	2995	38.27	34	1990	13.02	---
3	KB	---	---	---	8.8 x 4.3 x 3	3730	3300	37.84	25	1480	13.03	---
4	KB	---	---	---	8.8 x 4.3 x 2.9	3585	3170	37.84	24	1421	13.09	---
5	KB	---	---	---	8.8 x 4.3 x 2.9	3510	3095	37.84	34	2013	13.41	---
6	W	---	---	---	8.8 x 4.2 x 2.9	3345	2905	36.96	20	1212	15.15	---
7	W	---	---	---	8.8 x 4.1 x 2.9	3360	2925	36.08	28	1738	14.87	---
8	W	---	---	---	8.8 x 4.2 x 2.9	3600	3150	36.96	24	1455	14.29	---
9	W	---	---	---	8.9 x 4 x 2.8	3285	2800	35.6	20	1258	17.32	---
10	W	---	---	---	8.9 x 4.2 x 2.8	3520	3045	37.38	15	899	15.6	---
11	T-95	---	---	---	8.7 x 3.9 x 2.8	3100	2785	33.93	36	2377	11.31	---
12	T-95	---	---	---	8.8 x 4.2 x 2.9	3376	2950	36.96	27	1636	14.44	---
13	T-95	---	---	---	8.8 x 4 x 2.8	3060	2645	35.2	34	2164	15.69	---
14	T-95	---	---	---	8.8 x 4.1 x 2.8	3340	2970	36.08	36	2235	12.46	---
15	T-95	---	---	---	8.8 x 4.2 x 2.9	3375	2940	36.96	28	1697	14.8	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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8170
Dr. M. Yousaf

To: **Mr. ATTIQ UR REHMAN**
Manager Estimation & QC, Etihad Town Lahore.

Project: Development of Etihad Phase I

Our Ref. No. CL/CED/ 6471 **Dated: 14/11/2024** **Test Specification**

Your Ref. No. Nil **Dated: 04-11-24** **(----)**

COMPRESSION TEST REPORT

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

Specimens received on: 05-11-24 **Tested on:** 14/11/2024 **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	777	---	---	---	9 x 4.3 x 3	---	3340	38.7	33	1910	---	---
2	777	---	---	---	8.8 x 4.3 x 3.1	---	3375	37.84	28	1658	---	---
3	777	---	---	---	8.9 x 4.3 x 3	---	3315	38.27	41	2400	---	---
4	777	---	---	---	9 x 4.3 x 3	---	3270	38.7	34	1968	---	---
5	S	---	---	---	8.9 x 4.3 x 2.8	---	3070	38.27	28	1639	---	---
6	S	---	---	---	8.8 x 4.3 x 2.8	---	3050	37.84	33	1953	---	---
7	S	---	---	---	8.8 x 4.3 x 2.8	---	2920	37.84	35	2072	---	---
8	S	---	---	---	8.9 x 4.3 x 2.9	---	3070	38.27	32	1873	---	---
9	R.H.M	---	---	---	8.8 x 4.3 x 2.9	---	3210	37.84	43	2545	---	---
10	R.H.M	---	---	---	8.9 x 4.3 x 2.9	---	3270	38.27	30	1756	---	---
11	R.H.M	---	---	---	9 x 4.4 x 3	---	3335	39.6	30	1697	---	---
12	R.H.M	---	---	---	9 x 4.4 x 3	---	3300	39.6	37	2093	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

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8154
Dr. M. Yousaf

To: Sub Divisional Officer
Buildings Sub Division NANKANA SAHIB

Project: Revamping of Basic Health Units District Nankana Sahib Phase-I under (Program for Revamping of 552 BHU'S of North and Central Punjab on at "BHU CHAK NO. 17"

Our Ref. No. CL/CED/ 6472 Dated: 14/11/2024 Test Specification

Your Ref. No. 1166/SDO/BSD/NNS Dated: 09-10-24 (----)

COMPRESSION TEST REPORT

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

Specimens received on: 04-11-24 **Tested on:** 14/11/2024 **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	CA	---	---	---	9 x 4.5 x 2.9	3525	3000	40.5	40	2212	17.5	---
2	CA	---	---	---	8.9 x 4.5 x 3	3695	3185	40.05	37	2069	16.01	---
3	CA	---	---	---	9 x 4.4 x 3	3300	2920	39.6	46	2602	13.01	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
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15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

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