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.

5974
Dr. Aqsa

To: Mr. Ghulam Shabbir
Site Manager, Penta Build Construction Services (SMC-Private) Limited.

Project: Nil

Our Ref. No. CL/CED/ 3067 **Dated:** 03-10-23

Your Ref. No. PBCS-UET-004 **Dated:** 26-09-23

Test Specification
(BS 1881-116)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 27-09-23 **Tested on:** 03-10-23 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	---	23	9	2023	6x6x6	---	8.6	36	34	2116	---	Non Engraved
2	---	23	9	2023	6x6x6	---	8.6	36	34	2116	---	Non Engraved
3	---	23	9	2023	6x6x6	---	8.6	36	31	1929	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Nil

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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5974
Dr. Aqsa

To: Mr. Ghulam Shabbir
Site Manager, Penta Build Construction Services (SMC-Private) Limited.

Project: Nil

Our Ref. No. CL/CED/ 3068 **Dated:** 03-10-23

Your Ref. No. PBCS-UET-003 **Dated:** 26-09-23

Test Specification
(BS 1881-116)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 27-09-23 **Tested on:** 03-10-23 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	---	20	9	2023	6x6x6	---	8.6	36	37	2302	---	Non Engraved
2	---	20	9	2023	6x6x6	---	8.6	36	35	2178	---	Non Engraved
3	---	20	9	2023	6x6x6	---	8.6	36	35	2178	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Nil

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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5973
Dr. Aqsa

To: Mr. Saeed Ahmad
ARE, PCP Package-V, Khanewal. (MM Pakistan Pvt. Ltd.)

Project: Widening / Raising and Improvement of Existing 2 Roads Including Installation of Street Lights in Khanewal City. (Contractor: M/S Abdul Hamid Ghouri & Co.)

Our Ref. No. CL/CED/ 3069 Dated: 03-10-23 Test Specification

Your Ref. No. PCP/KW-58/2023 Dated: 19-09-23 (----)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 26-09-23 Tested on: 03-10-23 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	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3830	29.64	75	5668	---	---
2	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3680	29.64	100	7557	---	---
3	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3785	29.64	75	5668	---	---
4	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3670	29.64	115	8691	---	---
5	Rectangular, Red, 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3680	29.64	101	7633	---	---
6	Rectangular, Red, 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3645	29.64	91	6877	---	---
7	Kerb Stone	---	---	---	6 x 6 x 5.9	---	8.4	36	86	5351	---	Cut Cube
8	Kerb Stone	---	---	---	6 x 6 x 5.9	---	8.4	36	106	6596	---	Cut Cube
9	Kerb Stone	---	---	---	6 x 6 x 6	---	8.2	36	81	5040	---	Cut Cube
10	---	---	---	---	---	---	---	---	---	---	---	---
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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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ORIGINAL
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5977
Dr. Aqsa

To: Mr. Farhan Ramzan
Site Supervisor, Premier Services, Blue Area Islamabad

Project: MSC Boundary Wall Re-Construction at Zong MSC, Kot Lakhpat Lahore.

Our Ref. No. CL/CED/ 3070 **Dated:** 03-10-23

Your Ref. No. Nil **Dated:** 27-09-23

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 27-09-23 **Tested on:** 03-10-23 **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	9	2023	6Diax12	---	13.2	28.28	50	3960	---	Non Engraved
2	(3000 Psi)	6	9	2023	6Diax12	---	12.2	28.28	67	5307	---	Non Engraved
3	(3000 Psi)	6	9	2023	6Diax12	---	13.8	28.28	49	3881	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Nil

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

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

5966
Dr. Aqsa

To: Mr. Arif Siddique
Ideal Construction Service

Project: Top Front Parapet Wall (FMH Tower Lahore)

Our Ref. No. CL/CED/ 3071 **Dated:** 03-10-23

Your Ref. No. ICS/786/561 **Dated:** 22-09-23

Test Specification (ASTM C39)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 26-09-23 **Tested on:** 03-10-23 **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)	24	8	2023	6Diax12	---	13.8	28.28	58	4594	---	Non Engraved
2	(3000 Psi)	24	8	2023	6Diax12	---	13.2	28.28	57	4515	---	Non Engraved
3	(3000 Psi)	24	8	2023	6Diax12	---	13.8	28.28	53	4198	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Nil

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

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ORIGINAL
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5970
Dr. Aqsa

To: Mr. Muhammad Zubair Ahmed, A/XEN (B&R) for Garrison Engineer (Navy) Lahore.
Naval Complex Walton, Gulberg-III Lahore

Project: Construction of Children School (2nd & 3rd Floors) at NCW Lahore Phase-II

Our Ref. No. CL/CED/ 3072 Dated: 03-10-23

Your Ref. No. 6023/991/59/E-6 Dated: 15-07-23

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 26-09-23 Tested on: 03-10-23 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	3rd Floor Roof Slab	16	6	2023	6Diax12	---	14	28.28	91	7208	---	Non Engraved
2	3rd Floor Roof Slab	16	6	2023	6Diax12	---	13.8	28.28	82	6495	---	Non Engraved
3	3rd Floor Roof Slab	16	6	2023	6Diax12	---	13.6	28.28	92	7287	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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16	---					---	---	---	---	---	---	---

Witnessed by: Nil

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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5970
Dr. Aqsa

To: Mr. Muhammad Zubair Ahmed A/XEN (B&R) for Garrison Engineer (Navy) Lahore
Naval Complex Walton, Gulberg-III Lahore

Project: Construction of Children School (2nd & 3rd Floors) at NCW Lahore Phase-II

Our Ref. No. CL/CED/ 3073 Dated: 03-10-23

Your Ref. No. 6023/991/58/E-6 Dated: 15-06-23

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 26-09-23 Tested on: 03-10-23 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	3rd Floor Columns	22	5	2023	6Diax12	---	14	28.28	71	5624	---	Non Engraved
2	3rd Floor Columns	22	5	2023	6Diax12	---	13.6	28.28	68	5386	---	Non Engraved
3	3rd Floor Columns	22	5	2023	6Diax12	---	14.6	28.28	93	7366	---	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/

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

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ORIGINAL
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5967
Dr. Aqsa

To: Engr. Hamza, Site Engineer
Architects in Design, 2nd Floor, 46-C1, Gulberg-III Lahore

Project: Commercial Building at Plot No. 6C and 7Q, Block Q, Gulberg-II, Lahore.

Our Ref. No. CL/CED/ 3074 **Dated:** 03-10-23

Your Ref. No. Nil **Dated:** 25-09-23

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 26-09-23 **Tested on:** 03-10-23 **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	---	17	9	2023	6Diax12	---	13.2	28.28	38	3010	---	Non Engraved
2	---	17	9	2023	6Diax12	---	13	28.28	51	4040	---	Non Engraved
3		17	9	2023	6Diax12	---	13	28.28	36	2851	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---					---	---	---	---	---	---	---

Witnessed by: Nil

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.

5967
Dr. Aqsa

To: Engr. Hamza, Site Engineer
Architects in Design, 2nd Floor, 46-C1, Gulberg-III Lahore

Project: Commercial Building at Plot No. 6C and 7Q, Block Q, Gulberg-II, Lahore

Our Ref. No. CL/CED/ 3075 **Dated:** 03-10-23

Your Ref. No. Nil **Dated:** 25-09-23

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 26-09-23 **Tested on:** 03-10-23 **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	---	29	8	2023	6Diax12	---	13.8	28.28	36	2851	---	Non Engraved
2	---	29	8	2023	6Diax12	---	12.4	28.28	48	3802	---	Non Engraved
3		29	8	2023	6Diax12	---	13.2	28.28	40	3168	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6		---	---	---	---	---	---	---	---	---	---	---
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11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---					---	---	---	---	---	---	---

Witnessed by: Nil

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.

5993
Dr. Aqsa

To: AM/SDO, Dera Ghazi Khan
Punjab Aab-e-Pak Authority, Gulberg-II, Lahore.

Project: Provision of Safe Drinking Water in Murghai Cluster 07 District Rajanpur.

Our Ref. No. CL/CED/ 3076-1 of 2 **Dated: 03-10-23**

Your Ref. No. DM (P&C)/PAPA-DG Khan/446 **Dated: 26-09-23**

Test Specification
(BS 1881-116)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 02-10-23 **Tested on:** 03-10-23 **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	Foundation & Columns (1:1.5:3)	20	8	2023	6x6x6	---	7.4	36	67	4169	---	Engraved
2	Foundation & Columns (1:1.5:3)	20	8	2023	6x6x6	---	7.6	36	65	4044	---	Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
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14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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.

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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.

5907
Dr. Aqsa

To: Mr. Muhammad Asif Bajwa
Resident Engineer, NESPAK (Pvt.) Ltd.

Project: Rehabilitation of Nankana to Shah Kot Road Length = 25.28Km in District Nankana Sahib. (M/s Sarwar & Co Pvt. Ltd.)

Our Ref. No. CL/CED/ 3077 Dated: 03-10-23 Test Specification

Your Ref. No. 3811/103/ADPNS/AB/77 Dated: 13-09-23 (----)

COMPRESSION TEST REPORT

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

Specimens received on: 14-09-23 **Tested on:** 03-10-23 **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	Kerb Stone	---	---	---	6 x 6 x 6	---	8	36	86	5351	---	Cut Cube
2	Kerb Stone	---	---	---	6 x 6 x 6	---	7.8	36	91	5662	---	Cut Cube
3	Kerb Stone	---	---	---	6 x 6 x 6	---	7.8	36	79	4916	---	Cut Cube
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)
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Supervisor (Lab) **Director/Dy. Director Concrete Laboratory**