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.

9390
Dr. Umbreen

To: Mr. M. Khurram Iqbal
Resident Engineer, RRP Narowal. NESPAK Pvt. Ltd. (M/S Imtiaz Ahmed Contractor (Pvt.) Ltd.)

Project: Rehabilitation/Reconstruction of Road from Narowal to Muridke

Our Ref. No. CL/CED/ 8466 Dated: 05/06/2025 Test Specification

Your Ref. No. RE/RRP/NRWL/KI/111 Dated: 20/04/2025 (BS 3921**)

COMPRESSION TEST REPORT

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

Specimens received on: 12/05/2025 Tested on: 05/06/2025 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	SK (Machine Made)	---	---	---	8.5 x 4 x 2.7	2710	2230	34	26	1713	21.52	---
2	SK (Machine Made)	---	---	---	8.5 x 4.1 x 2.8	2995	2460	34.85	30	1928	21.75	---
3	SK (Machine Made)	---	---	---	8.6 x 4.1 x 2.8	2760	2230	35.26	24	1525	23.77	---
4	SK (Machine Made)	---	---	---	8.5 x 4.1 x 2.7	2970	2425	34.85	31	1993	22.47	---
5	SK (Machine Made)	---	---	---	8.7 x 4.1 x 2.6	2785	2240	35.67	28	1758	24.33	---
6	SK (Machine Made)	---	---	---	8.7 x 4.1 x 2.7	2775	2300	35.67	33	2072	20.65	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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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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Civil Engineering Department
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ORIGINAL
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9467
Dr. Umbreen

To: Resident Engineer
EPHE Division, GB Zone, NESPAK Pvt. Ltd. (M/S AL-Hasnan Construction Company).

Project: Provision of Water Supply & Sewerage System in Rafaiabad Adadies, UC-71 Gunj Baksh Zone, Lahore.

Our Ref. No. CL/CED/ 8467 Dated: 05/06/2025 Test Specification

Your Ref. No. LDP/GB-WASA/43101-402 Dated: 17/03/2025 (BS 3921**)

COMPRESSION TEST REPORT

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

Specimens received on: 20/05/2025 Tested on: 05/06/2025 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	5	---	---	---	9 x 4.4 x 3.1	3855	3415	39.6	40	2263	12.88	---
2	5	---	---	---	8.7 x 4.2 x 3	3765	3360	36.54	44	2697	12.05	---
3	5	---	---	---	8.8 x 4.3 x 3	3780	3375	37.84	43	2545	12	---
4	5	---	---	---	9 x 4.4 x 3	3595	3170	39.6	44	2489	13.41	---
5	5	---	---	---	8.8 x 4.3 x 3	3780	3370	37.84	40	2368	12.17	---
6	5	---	---	---	9 x 4.4 x 3	3765	3320	39.6	44	2489	13.4	---
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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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Civil Engineering Department
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ORIGINAL
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9562
Dr. Umbreen

To: Mr. M. Nadeem Zafarullah
Incharge (Civil) for Managing Director, Sui Northern Gas

Project: Construction of Workshop into Lecture Hall SNGTI, Lahore.

Our Ref. No. CL/CED/ 8562 Dated: 05/06/2025 Test Specification

Your Ref. No. CC/UPGD/Hall/SNGTI Dated: 03/06/2025 (----)

COMPRESSION TEST REPORT

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

Specimens received on: 03/06/2025 Tested on: 05/06/2025 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	3RC	---	---	---	8.5 x 4.2 x 3	---	3240	35.7	46	2886	---	---
2	3RC	---	---	---	8.8 x 4.3 x 3.1	---	3325	37.84	34	2013	---	---
3	3RC	---	---	---	8.8 x 4.3 x 3	---	3295	37.84	42	2486	---	---
4	3RC	---	---	---	8.7 x 4.2 x 3	---	3205	36.54	44	2697	---	---
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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
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ORIGINAL
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9546
Dr. Umbreen

To: Mr. Muhammad Saleem
Material Engineer, NESPAK (Pvt.) Ltd. ADP WASA, Lahore. (M/S SNMC MASTIC (JV))

Project: Annual Development Program-WASA (ADP 2024-25) Rainwater Management-Drainage Arrangement for Sore Point at Karim Park, Lahore.

Our Ref. No. CL/CED/ 8469 Dated: 05/06/2025 Test Specification

Your Ref. No. NESPAK/WASA/ADP/UGWT/KARIM PARK/ME/11 Dated: 28/05/2025 (ASTM C39)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 30/05/2025 Tested on: 05/06/2025 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	Drain Bed (4000 Psi)	20	4	2025	6Diax12	---	13.4	28.28	48	3802	---	Non Engraved
2	Drain Bed (4000 Psi)	20	4	2025	6Diax12	---	13.6	28.28	62	4911	---	Non Engraved
3	Drain Bed (4000 Psi)	20	4	2025	6Diax12	---	13	28.28	58	4594	---	Non Engraved
4	Drain Wall (4000 Psi)	30	4	2025	6Diax12	---	13	28.28	60	4752	---	Non Engraved
5	Drain Wall (4000 Psi)	30	4	2025	6Diax12	---	13	28.28	46	3644	---	Non Engraved
6	Drain Wall (4000 Psi)	30	4	2025	6Diax12	---	13.6	28.28	80	6337	---	Non Engraved
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Witnessed by: Nil

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

9520
Dr. Umbreen

To: Mr. Sohaib Awais
Resident Engineer, NESPAK (Pvt) Ltd. Construction Management Division.

Project: Infrastructure Development at Chahar Bagh Phase-II (M/S National Logistics Corporation)

Our Ref. No. CL/CED/ 8470 Dated: 05/06/2025 Test Specification

Your Ref. No. 4841/13/SA/05/42 Dated: 26/05/2025 (ASTM C39)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 27/05/2025 Tested on: 05/06/2025 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	RCC Drain Wall (Block B)	22	4	2025	6Diax12	---	11	28.28	36	2851	---	Non Engraved
2	RCC Drain Wall (Block B)	22	4	2025	6Diax12	---	13.2	28.28	76	6020	---	Non Engraved
3	RCC Drain Wall (Block B)	22	4	2025	6Diax12	---	13.4	28.28	64	5069	---	Non Engraved
4	RCC Drain Bed (Block A)	26	4	2025	6Diax12	---	12.6	28.28	42	3327	---	Non Engraved
5	RCC Drain Bed (Block A)	26	4	2025	6Diax12	---	12.4	28.28	40	3168	---	Non Engraved
6	RCC Drain Bed (Block A)	26	4	2025	6Diax12	---	12.4	28.28	52	4119	---	Non Engraved
7	RCC Drain Wall (Block A)	27	4	2025	6Diax12	---	13.4	28.28	50	3960	---	Non Engraved
8	RCC Drain Wall (Block A)	27	4	2025	6Diax12	---	13.2	28.28	52	4119	---	Non Engraved
9	RCC Drain Wall (Block A)	27	4	2025	6Diax12	---	13.4	28.28	40	3168	---	Non Engraved
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Witnessed by: Nil

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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ORIGINAL
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9545
Dr. Umbreen

To: Maj (R) Waseem Akhtar Khan
Chief Project Officer, HQ, FWO, IT Directorate.

Project: Installation and Commissioning of CCTV Cameras at Entry/Exit and Important Locations of ICT for Safe City Project Islamabad

Our Ref. No. CL/CED/ 8471 **Dated:** 05/06/2025 **Test Specification**

Your Ref. No. 31401/SC SC/ISB/IT **Dated:** 14/05/2025 **(ASTM C39)**

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 30/05/2025 **Tested on:** 05/06/2025 **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 of Poles	17	4	2025	6Diax12	---	12	28.28	13	1030	---	Non Engraved
2	Foundation of Poles	17	4	2025	6Diax12	---	12	28.28	12	950	---	Non Engraved
3	Foundation of Poles	19	4	2025	6Diax12	---	12.4	28.28	16	1267	---	Non Engraved
4	Foundation of Poles	19	4	2025	6Diax12	---	12	28.28	15	1188	---	Non Engraved
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
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Supervisor (Lab) **Director/Dy. Director Concrete Laboratory**

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ORIGINAL
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9533
Dr. Umbreen

To: Mr. Faisal Bhatti
PM. Ittefaq Building Solutions (Pvt) Ltd.

Project: Haider Saeed Commercial Lahore. (Domestic UGWT, Fire Room Raft)

Our Ref. No. CL/CED/ 8472 **Dated:** 05/06/2025 **Test Specification**

Your Ref. No. Nil **Dated:** 29/05/2025 **(ASTM C39)**

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 29/05/2025 **Tested on:** 05/06/2025 **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)	23	5	2025	6Diax12	---	13.6	28.28	36	2851	---	Non Engraved
2	(4000 Psi)	23	5	2025	6Diax12	---	13.6	28.28	38	3010	---	Non Engraved
3	(4000 Psi)	23	5	2025	6Diax12	---	13.6	28.28	44	3485	---	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)
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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9546
Dr. Umbreen

To: Mr. Muhammad Saleem
Material Engineer, NESPAK ADP WASA Lahore, NESPAK (Pvt) Ltd.

Project: Annual Development Program-WASA (ADP 2024-25) Rainwater Management-Drainage Arrangement for Sore Point at Fruit & Vegetable Markete, Lahore.

Our Ref. No. CL/CED/ 8473 Dated: 05/06/2025 Test Specification

Your Ref. No. NESPAK/WASA/ADP/UGWT/FRUIT & VEGITABLE/M Dated: 29/05/2025 (ASTM C39)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 30/05/2025 Tested on: 05/06/2025 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	Drain Bed (4000 Psi)	24	4	2025	6Diax12	---	13	28.28	58	4594	---	Non Engraved
2	Drain Bed (4000 Psi)	24	4	2025	6Diax12	---	13	28.28	62	4911	---	Non Engraved
3	Drain Bed (4000 Psi)	24	4	2025	6Diax12	---	13	28.28	62	4911	---	Non Engraved
4	Drain Slab (4000 Psi)	27	4	2025	6Diax12	---	13.6	28.28	66	5228	---	Non Engraved
5	Drain Slab (4000 Psi)	27	4	2025	6Diax12	---	13	28.28	40	3168	---	Non Engraved
6	Drain Slab (4000 Psi)	27	4	2025	6Diax12	---	13.8	28.28	62	4911	---	Non Engraved
7	---	---	---	---	---	---	---	---	---	---	---	---
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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)
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.

9574
Dr. Umbreen

To: Engr. M. Imran
Resident Engineer, Master Consulting Engineers (Pvt.) Ltd.

Project: Construction of 07-Storey Residential Block having minimum 100 Rooms with attached Bathroom Facilities at Gurdwara Janamasthan, Nankana Sahib.

Our Ref. No. CL/CED/ 8474 Dated: 05/06/2025 Test Specification

Your Ref. No. RE/NKB/RCC-55 Dated: 26/05/2025 (BS 1881-116)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 04/06/2025 Tested on: 05/06/2025 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	Col. Mumty Floor(1:1:2)	26	4	2025	6x6x6	---	8.6	36	105	6533	---	Engraved
2	Col. Mumty Floor(1:1:2)	26	4	2025	6x6x6	---	8.6	36	94	5849	---	Engraved
3	Col. Mumty Floor(1:1:2)	26	4	2025	6x6x6	---	8.8	36	106	6596	---	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 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.

9561
Dr. Umbreen

To: Sub Divisional Officer
Public Health Engineering Sub Division Kasur.

Project: Construction of Rural Sewerage, Drainage & Sanitation Scheme at Sidhu Pura Tehsil KRK & District Kasur.

Our Ref. No. CL/CED/ 8475 Dated: 05/06/2025 **Test Specification**

Your Ref. No. No.196 Dated: 21/05/2025 (BS 1881-116)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 03/06/2025 **Tested on:** 05/06/2025 **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	PCC (1:2:4)	5	5	2025	6x6x6	---	8.8	36	52	3236	---	Non Engraved
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
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
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.

9523
Dr. Umbreen

To: Sub Divisional Officer
Public Health Engineering Sub Division Nankana Sahib. (M/S Meeran Builders Govt. Contractor)

Project: Construction of Water Supply/Filteration Plant, Sewerage/Sanitation Works at KOT VIRYAM & MASHMOOLA KOT FAZAL & AJOINING ABADIES District NANKANA SAHIB (PP-135) (Work-79)

Our Ref. No. CL/CED/ 8476 Dated: 05/06/2025

Your Ref. No. No. SDO (PHED)/492 Dated: 26/02/2025

Test Specification
(BS 1881-116)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 29/05/2025 Tested on: 05/06/2025 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	(1:2:4)	28	1	2025	6x6x6	---	9	36	70	4356	---	Engraved
2	(1:2:4)	28	1	2025	6x6x6	---	9	36	80	4978	---	Engraved
3	(1:2:4)	28	1	2025	6x6x6	---	9	36	64	3982	---	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
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.

9523
Dr. Umbreen

To: Sub Divisional Officer
Public Health Engineering Sub Division Nankana Sahib. (M/S Haroon Construction Company Govt. C

Project: Construction of Water Supply/Filteration Plant, Sewerage/Sanitation System & City Warburton & Different Union Councils of Tehsil & Distrtict NANKANA SAHIB. NA-111(Work-06)

Our Ref. No. CL/CED/ 8477 Dated: 05/06/2025 **Test Specification**

Your Ref. No. No. SDO (PHED)/427 Dated: 27/02/2025 (BS 1881-116)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 29/05/2025 Tested on: 05/06/2025 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	(1:2:4)	29	1	2025	6x6x6	---	8.8	36	74	4604	---	Engraved
2	(1:2:4)	29	1	2025	6x6x6	---	8.6	36	66	4107	---	Engraved
3	(1:2:4)	29	1	2025	6x6x6	---	8.6	36	86	5351	---	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)
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.

9523
Dr. Umbreen

To: Sub Divisional Officer
Public Health Engineering Sub Division Nankana Sahib. (M/S Ch. Zaheer Abbas Construction Co. Go

Project: Construction of Water Supply/Filteration Plant, Sewerage/Sanitation System, Park & Stadium in City Sangla Hill & Adjoining Abadies Tehsil Sangla Hill District Nankana Sahib, NA-111 (Work-01)

Our Ref. No. CL/CED/ 8478 Dated: 05/06/2025 Test Specification

Your Ref. No. No. SDO (PHED)/422 Dated: 24/02/2025 (BS 1881-116)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 29/05/2025 Tested on: 05/06/2025 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	(1:2:4)	25	1	2025	6x6x6	---	9	36	70	4356	---	Engraved
2	(1:2:4)	25	1	2025	6x6x6	---	9	36	84	5227	---	Engraved
3	(1:2:4)	25	1	2025	6x6x6	---	9	36	54	3360	---	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)
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.

9523
Dr. Umbreen

To: Sub Divisional Officer
Public Health Engineering Sub Division Nankana Sahib. (M/S Ch. Imtiaz Hussain Basra Govt Contrac

Project: Construction of Water Supply/Filteration Plant, Sewerage/Sanitation Works at Mouza Jatri, Thatha Khokhran & Abadi Rai Mian Khan & Ajoining Abadies District Nankana Sahib (PP-135) (Work-72)

Our Ref. No. CL/CED/ 8479 Dated: 05/06/2025 **Test Specification**

Your Ref. No. No. SDO (PHED)/485 Dated: 26/02/2025 (BS 1881-116)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 29/05/2025 **Tested on:** 05/06/2025 **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	(1:2:4)	28	1	2025	6x6x6	---	9	36	48	2987	---	Engraved
2	(1:2:4)	28	1	2025	6x6x6	---	9	36	83	5164	---	Engraved
3	(1:2:4)	28	1	2025	6x6x6	---	9	36	86	5351	---	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 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.

9523
Dr. Umbreen

To: Sub Divisional Officer
Public Health Engineering Sub Division Nankana Sahib. (M/S Muhammad Liaqat & Co. Govt Contract

Project: Construction of Water Supply/Filteration Plant, Sewerage & Sanitation System at Purana Nankana Sahib (PP-134) Tehsil & District Nankana Sahib (Work-55)

Our Ref. No. CL/CED/ 8480 Dated: 05/06/2025 Test Specification

Your Ref. No. No. SDO (PHED)/468 Dated: 02/03/2025 (BS 1881-116)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 29/05/2025 Tested on: 05/06/2025 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	(1:2:4)	1	2	2025	6x6x6	---	8.6	36	83	5164	---	Engraved
2	(1:2:4)	1	2	2025	6x6x6	---	9	36	68	4231	---	Engraved
3	(1:2:4)	1	2	2025	6x6x6	---	8.8	36	76	4729	---	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 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.

9523
Dr. Umbreen

To: Sub Divisional Officer
Public Health Engineering Sub Division Nankana Sahib. (M/S SS Builders Govt. Contractor)

Project: Construction of Water Supply/Filteration Plant, Sewerage/Sanitation Works at Mouza Thatha Sattar & Ajoining Abadies District Nankana Sahib (PP-135) (Work-75)

Our Ref. No. CL/CED/ 8481 **Dated:** 05/06/2025 **Test Specification**

Your Ref. No. No. SDO (PHED)/488 **Dated:** 24/02/2025 (BS 1881-116)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 29/05/2025 **Tested on:** 05/06/2025 **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	(1:2:4)	25	1	2025	6x6x6	---	9	36	74	4604	---	Engraved
2	(1:2:4)	25	1	2025	6x6x6	---	8.8	36	86	5351	---	Engraved
3	(1:2:4)	25	1	2025	6x6x6	---	9	36	85	5289	---	Engraved
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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
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.

9523
Dr. Umbreen

To: Sub Divisional Officer
Public Health Engineering Sub Division Nankana Sahib. (M/S Haroon Construction Company Govt C

Project: Construction of Water Supply/Filteration Plant, Sewerage/Sanitation System Park & Stadium in City Shahkot & Adjoining Abadies of Tehsil Shahkot District Nankana Sahib. NA-111 (Work-03)

Our Ref. No. CL/CED/ 8482 Dated: 05/06/2025 **Test Specification**

Your Ref. No. No. SDO (PHED)/424 Dated: 01/03/2025 (BS 1881-116)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 29/05/2025 Tested on: 05/06/2025 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	(1:2:4)	1	2	2025	6x6x6	---	9	36	74	4604	---	Engraved
2	(1:2:4)	1	2	2025	6x6x6	---	8.8	36	76	4729	---	Engraved
3	(1:2:4)	1	2	2025	6x6x6	---	8.6	36	74	4604	---	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
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.

9523
Dr. Umbreen

To: Sub Divisional Officer
Public Health Engineering Sub Division Nankana Sahib. (M/S SS Builders Govt. Contractor)

Project: Construction of Water Supply/Filteration Plant, Sewerage/Sanitation Works at Kot Allah Din & Abadi Doctor Tahir (New Fareedabad) & Ajoining Abadies District Nankana Sahib (PP-135)(Work-76)

Our Ref. No. CL/CED/ 8483 **Dated:** 05/06/2025 **Test Specification**

Your Ref. No. No. SDO (PHED)/489 **Dated:** 28/02/2025 (BS 1881-116)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 29/05/2025 **Tested on:** 05/06/2025 **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	(1:2:4)	29	1	2025	6x6x6	---	8.6	36	78	4853	---	Engraved
2	(1:2:4)	29	1	2025	6x6x6	---	9	36	60	3733	---	Engraved
3	(1:2:4)	29	1	2025	6x6x6	---	9	36	70	4356	---	Engraved
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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)
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.

9523
Dr. Umbreen

To: Sub Divisional Officer
Public Health Engineering Sub Division Nankana Sahib. (M/S Mason Enterprises Govt Contractor)

Project: Construction of Water Supply/Filteration Plant, Sewerage/Sanitation Works at Chak No. 16/69 & Ajoining Abadies District Nankana Sahib (PP-135)(Work-82)

Our Ref. No. CL/CED/ 8484 Dated: 05/06/2025 Test Specification

Your Ref. No. No. SDO (PHED)/495 Dated: 03/03/2025 (BS 1881-116)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 29/05/2025 Tested on: 05/06/2025 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	(1:2:4)	4	2	2025	6x6x6	---	9	36	76	4729	---	Engraved
2	(1:2:4)	4	2	2025	6x6x6	---	8.8	36	68	4231	---	Engraved
3	(1:2:4)	4	2	2025	6x6x6	---	8.8	36	80	4978	---	Engraved
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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)
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.

9523
Dr. Umbreen

To: Sub Divisional Officer
Public Health Engineering Sub Division Nankana Sahib. (M/S Bahoo Construction Contract Company

Project: Construction of Water Supply/Filteration Plant, Sewerage/Sanitation System at UC. Haftmadar, UC. Kot Beni Das, UC. Saleem Pur Pakka & UC. Jalal Nau Tehsil & District Nankana Sahib. NA-112(Work-09)

Our Ref. No. CL/CED/ 8485 Dated: 05/06/2025 Test Specification

Your Ref. No. No. SDO (PHED)/430 Dated: 01/03/2025 (BS 1881-116)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 29/05/2025 Tested on: 05/06/2025 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	(1:2:4)	1	2	2025	6x6x6	---	9	36	64	3982	---	Engraved
2	(1:2:4)	1	2	2025	6x6x6	---	8.6	36	74	4604	---	Engraved
3	(1:2:4)	1	2	2025	6x6x6	---	9	36	86	5351	---	Engraved
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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**

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.

9523
Dr. Umbreen

To: Sub Divisional Officer
Public Health Engineering Sub Division Nankana Sahib. (M/S Bahoo Construction Contract Company
Project: Construction of Water Supply/Filteration Plant, Sewerage/Sanitation System at Thathi Ghulam Hussain Doday, Mantanwala, Chowkianwala & Tibbi Bahadar Tehsil & District Nankana Sahib. NA-112(Work-08)

Our Ref. No. CL/CED/ 8486 Dated: 05/06/2025 **Test Specification**

Your Ref. No. No. SDO (PHED)/429 Dated: 28/02/2025 (BS 1881-116)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 29/05/2025 **Tested on:** 05/06/2025 **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	(1:2:4)	29	1	2025	6x6x6	---	9	36	80	4978	---	Engraved
2	(1:2:4)	29	1	2025	6x6x6	---	9	36	80	4978	---	Engraved
3	(1:2:4)	29	1	2025	6x6x6	---	9	36	85	5289	---	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
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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**