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.

9577
Engr. A. Rehman

To: Mr. Anwar ul Haq
Project Manager, IKAN Engineering Services Pvt Ltd

Project: ZONG MSC FSD

Our Ref. No. CL/CED/ 8552 **Dated: 13/6/2025** **Test Specification**

Your Ref. No. IKAN-FSD-SITE-UET/014 **Dated: 04/06/2025** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 04/06/2025 Tested on: 13/6/2025 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	TRF / Column (4000 Psi)	2	5	2025	6Diax12	---	13	28.28	63	4990	---	Engraved
2	TRF / Column (4000 Psi)	2	5	2025	6Diax12	---	13	28.28	59	4673	---	Engraved
3	TRF / Column (4000 Psi)	2	5	2025	6Diax12	---	13	28.28	58	4594	---	Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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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/

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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Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

ORIGINAL
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9591
Engr. A. Rehman

To: Sub Divisional Officer
Public Health Engg: Sub Division Nankana Sahib

Project: Construction of Water Supply/ Filtration Plant, Sewerage & Sanitation System in UC BUCHOKI PAR & UC GANESHPUR (PP-134) Tehsil & District Nankana Sahib (Work-47)

Our Ref. No. CL/CED/ 8553 Dated: 13/6/2025 Test Specification

Your Ref. No. SDO(PHED)/460 Dated: 26/2/2025 (BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 12/06/2025 Tested on: 13/6/2025 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	Conc. Cube (1:2:4)	28	1	2025	6x6x6	---	9	36	84.5	5258	---	Engraved
2	Conc. Cube (1:2:4)	28	1	2025	6x6x6	---	8.8	36	80	4978	---	Engraved
3	Conc. Cube (1:2:4)	28	1	2025	6x6x6	---	8.6	36	60	3733	---	Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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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 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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9591
Engr. A. Rehman

To: Sub Divisional Officer
Public Health Engg: Sub Division Nankana Sahib

Project: Construction of Water Supply/ Filtration Plant, Sewerage/ Sanitation Works at MOUZA KAHNAY & Ajoining Abadies District Nankana Sahib (PP-135) (Work-71)- M/S Ch. Imtiaz Hussain Basra Govt. Contractor

Our Ref. No. CL/CED/ 8554 Dated: 13/6/2025 **Test Specification**

Your Ref. No. SDO(PHED)/484 Dated: 28/2/2025 (BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 12/06/2025 Tested on: 13/6/2025 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	Conc. Cube (1:2:4)	31	1	2025	6x6x6	---	8.6	36	78	4853	---	Engraved
2	Conc. Cube (1:2:4)	31	1	2025	6x6x6	---	8.8	36	81	5040	---	Engraved
3	Conc. Cube (1:2:4)	31	1	2025	6x6x6	---	8.8	36	59	3671	---	Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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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 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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9591
Engr. A. Rehman

To: Sub Divisional Officer
Public Health Engg: Sub Division Nankana Sahib
Project: Construction of Water Supply/ Filtration Plant, Sewerage/ Sanitation System & City Sangla Hill & Different Union Councils of Tehsil Sangla Hill District Nankana Sahib (NA-111) (Work-02)- M/S RAY Construction Services Govt. Contractor

Our Ref. No. CL/CED/ 8555 Dated: 13/6/2025 **Test Specification**

Your Ref. No. SDO(PHED)/423 Dated: 26/2/2025 (BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 12/06/2025 **Tested on:** 13/6/2025 **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	Conc. Cube (1:2:4)	27	1	2025	6x6x6	---	8.8	36	77	4791	---	Engraved
2	Conc. Cube (1:2:4)	27	1	2025	6x6x6	---	8.6	36	64	3982	---	Engraved
3	Conc. Cube (1:2:4)	27	1	2025	6x6x6	---	9	36	92.5	5756	---	Engraved
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)
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Supervisor (Lab) **Director/Dy. Director Concrete Laboratory**

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9591
Engr. A. Rehman

To: Sub Divisional Officer
Public Health Engg: Sub Division Nankana Sahib

Project: Construction of Water Supply/ Filtration Plant, Sewerage & Sanitation System in UC MEERAN PUR (PP-134) Tehsil & District Nankana Sahib (Work-45)- M/S Ch. Imtiaz Hussain Basra Govt. Contractor

Our Ref. No. CL/CED/ 8556 Dated: 13/6/2025 **Test Specification**

Your Ref. No. SDO(PHED)/458 Dated: 27/2/2025 (BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 12/06/2025 Tested on: 13/6/2025 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	Conc. Cube (1:2:4)	30	1	2025	6x6x6	---	9	36	79	4916	---	Engraved
2	Conc. Cube (1:2:4)	30	1	2025	6x6x6	---	8.8	36	81	5040	---	Engraved
3	Conc. Cube (1:2:4)	30	1	2025	6x6x6	---	8.4	36	60	3733	---	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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9591
Engr. A. Rehman

To: Sub Divisional Officer
Public Health Engg: Sub Division Nankana Sahib

Project: Construction of Water Supply/ Filtration Plant, Sewerage & Sanitation System in UC SHADBAG COLONY (PP-134) Tehsil & District Nankana Sahib (Work-50)- M/S Sahara Builders Govt. Contractor

Our Ref. No. CL/CED/ 8557 Dated: 13/6/2025

Your Ref. No. SDO(PHED)/463 Dated: 24/2/2025

Test Specification
(BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 12/06/2025 Tested on: 13/6/2025 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	Conc. Cube (1:2:4)	25	1	2025	6x6x6	---	8.8	36	79	4916	---	Engraved
2	Conc. Cube (1:2:4)	25	1	2025	6x6x6	---	8.6	36	67	4169	---	Engraved
3	Conc. Cube (1:2:4)	25	1	2025	6x6x6	---	8.6	36	72	4480	---	Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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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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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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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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Engr. A. Rehman

To: Sub Divisional Officer
Public Health Engg: Sub Division Nankana Sahib
Project: Construction of Water Supply/ Filtration Plant, Sewerage & Sanitation System in UC FATEH THATHA & UC SHIRIN JHANGAR (PP-134) Tehsil & District Nankana Sahib (Work-42)- M/S Shehroz Hunjra & Co. Govt. Contractor

Our Ref. No. CL/CED/ 8558 Dated: 13/6/2025 Test Specification

Your Ref. No. SDO(PHED)/445 Dated: 22/2/2025 (BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 12/06/2025 **Tested on:** 13/6/2025 **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	Conc. Cube (1:2:4)	24	1	2025	6x6x6	---	8.8	36	73	4542	---	Engraved
2	Conc. Cube (1:2:4)	24	1	2025	6x6x6	---	8.4	36	60	3733	---	Engraved
3	Conc. Cube (1:2:4)	24	1	2025	6x6x6	---	8.6	36	74	4604	---	Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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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
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Engr. A. Rehman

To: Sub Divisional Officer
Public Health Engg: Sub Division Nankana Sahib

Project: Construction of Water Supply/ Filtration Plant, Sewerage & Sanitation System at Muhallah Lari Adda (PP-134) Tehsil & District Nankana Sahib (Work-53)- M/S Sahara Builders Govt. Contractor

Our Ref. No. CL/CED/ 8559 Dated: 13/6/2025 Test Specification

Your Ref. No. SDO(PHED)/466 Dated: 28/2/2025 (BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 12/06/2025 Tested on: 13/6/2025 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	Conc. Cube (1:2:4)	31	1	2025	6x6x6	---	8.6	36	52.5	3267	---	Engraved
2	Conc. Cube (1:2:4)	31	1	2025	6x6x6	---	8.2	36	48	2987	---	Engraved
3	Conc. Cube (1:2:4)	31	1	2025	6x6x6	---	8.4	36	73	4542	---	Engraved
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**

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.

9591
Engr. A. Rehman

To: Sub Divisional Officer
Public Health Engg: Sub Division Nankana Sahib
Project: Construction of Water Supply/ Filtration Plant, Sewerage / Sanitation System at UC PATAH THATA, UC MEERAN PUR & UC JISLANI Tehsil & District Nankana Sahib (NA-112) (Work-10)- M/S RAY Construction Services Govt. Contractor

Our Ref. No. CL/CED/ 8560 Dated: 13/6/2025 Test Specification

Your Ref. No. SDO(PHED)/431 Dated: 27/2/2025 (BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 12/06/2025 Tested on: 13/6/2025 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	Conc. Cube (1:2:4)	28	1	2025	6x6x6	---	9	36	59	3671	---	Engraved
2	Conc. Cube (1:2:4)	28	1	2025	6x6x6	---	8.6	36	76	4729	---	Engraved
3	Conc. Cube (1:2:4)	28	1	2025	6x6x6	---	8.4	36	87	5413	---	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 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.

9591
Engr. A. Rehman

To: Sub Divisional Officer
Public Health Engg: Sub Division Nankana Sahib

Project: Construction of Water Supply/ Filtration Plant, Sewerage / Sanitation System at Mirza Pur, Mumian Wala, Thatha Nazirain, Buchoki Par, Jawahar Pur, Ganish Pur, Rosay, Methran Pur, Qillah Mian Singh, Bahari Pur, Jamal Pur, Khapar Kay, Nazar Pakka & Khai Tehsil & District Nankana Sahib (NA-112) (Work-07)- M/S

Our Ref. No. CL/CED/ 8561 Dated: 13/6/2025 **Test Specification**

Your Ref. No. SDO(PHED)/428 Dated: 24/2/2025 (BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 12/06/2025 **Tested on:** 13/6/2025 **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	Conc. Cube (1:2:4)	25	1	2025	6x6x6	---	8.6	36	67	4169	---	Engraved
2	Conc. Cube (1:2:4)	25	1	2025	6x6x6	---	9	36	72	4480	---	Engraved
3	Conc. Cube (1:2:4)	25	1	2025	6x6x6	---	8.6	36	66	4107	---	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 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.

9591
Engr. A. Rehman

To: Sub Divisional Officer
Public Health Engg: Sub Division Nankana Sahib

Project: Construction of Water Supply/ Filtration Plant, Sewerage & Sanitation System in Muhallah Kiara Sahib (PP-134) Tehsil & District Nankana Sahib (Work-52)- M/S Sahara Builders Govt. Contractor

Our Ref. No. CL/CED/ 8562 Dated: 13/6/2025

Your Ref. No. SDO(PHED)/465 Dated: 26/2/2025

Test Specification
(BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 12/06/2025 Tested on: 13/6/2025 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	Conc. Cube (1:2:4)	28	1	2025	6x6x6	---	9	36	78	4853	---	Engraved
2	Conc. Cube (1:2:4)	28	1	2025	6x6x6	---	9	36	91	5662	---	Engraved
3	Conc. Cube (1:2:4)	28	1	2025	6x6x6	---	9	36	84	5227	---	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 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.

9591
Engr. A. Rehman

To: Sub Divisional Officer
Public Health Engg: Sub Division Nankana Sahib
Project: Construction of Water Supply/ Filtration Plant, Sewerage & Sanitation Works at DHARI QADIR AWAN, PPINDI CHERRY & HEBOKAY BALA & Ajoining Abadies District Nankana Sahib (PP-135) (Work-77)- M/S Ch. Imtiaz Hussain Basra Govt. Contractor

Our Ref. No. CL/CED/ 8563 Dated: 13/6/2025 Test Specification

Your Ref. No. SDO(PHED)/490 Dated: 22/2/2025 (BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 12/06/2025 **Tested on:** 13/6/2025 **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	Conc. Cube (1:2:4)	24	1	2025	6x6x6	---	8.8	36	92.5	5756	---	Engraved
2	Conc. Cube (1:2:4)	24	1	2025	6x6x6	---	8.8	36	96	5973	---	Engraved
3	Conc. Cube (1:2:4)	24	1	2025	6x6x6	---	9	36	65	4044	---	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 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.

9591
Engr. A. Rehman

To: Sub Divisional Officer
Public Health Engg: Sub Division Nankana Sahib

Project: Construction of Water Supply/ Filtration Plant, Sewerage / Sanitation Works at WAN MARHAN & THATHA KALTAIRA & Ajoining Abadies District Nankana Sahib (PP-135) (Work-60)- M/S H Abid Ali Govt. Contractor

Our Ref. No. CL/CED/ 8564 Dated: 13/6/2025 **Test Specification**

Your Ref. No. SDO(PHED)/473 Dated: 25/2/2025 (BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 12/06/2025 **Tested on:** 13/6/2025 **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	Conc. Cube (1:2:4)	27	1	2025	6x6x6	---	8.8	36	63	3920	---	Engraved
2	Conc. Cube (1:2:4)	27	1	2025	6x6x6	---	8.8	36	64	3982	---	Engraved
3	Conc. Cube (1:2:4)	27	1	2025	6x6x6	---	8.8	36	67	4169	---	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 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.

9591
Engr. A. Rehman

To: Sub Divisional Officer
Public Health Engg: Sub Division Nankana Sahib

Project: Construction of Water Supply/ Filtration Plant, Sewerage & Sanitation System at Housing Colony Nankana Sahib (PP-134) Tehsil & District Nankana Sahib (Work-54)- M/S Sahara Builders Govt. Contractor

Our Ref. No. CL/CED/ 8565 Dated: 13/6/2025 Test Specification

Your Ref. No. SDO(PHED)/467 Dated: 25/2/2025 (BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 12/06/2025 Tested on: 13/6/2025 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	Conc. Cube (1:2:4)	27	1	2025	6x6x6	---	8.2	36	67	4169	---	Engraved
2	Conc. Cube (1:2:4)	27	1	2025	6x6x6	---	8.8	36	78	4853	---	Engraved
3	Conc. Cube (1:2:4)	27	1	2025	6x6x6	---	8.8	36	73	4542	---	Engraved
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**

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.

9591
Engr. A. Rehman

To: Sub Divisional Officer
Public Health Engg: Sub Division Nankana Sahib
Project: Construction of Water Supply/ Filtration Plant, Sewerage / Sanitation System at UC. MACHORA, UC. FAREEDABAD & UC. CHAK 12/68 Tehsil & District Nankana Sahib (NA-112) (Work-13)- M/S RAY Construction Services Govt. Contractor

Our Ref. No. CL/CED/ 8566 Dated: 13/6/2025 Test Specification

Your Ref. No. SDO(PHED)/434 Dated: 24/2/2025 (BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 12/06/2025 Tested on: 13/6/2025 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	Conc. Cube (1:2:4)	25	1	2025	6x6x6	---	8.8	36	88	5476	---	Engraved
2	Conc. Cube (1:2:4)	25	1	2025	6x6x6	---	9	36	65	4044	---	Engraved
3	Conc. Cube (1:2:4)	25	1	2025	6x6x6	---	9	36	59	3671	---	Engraved
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**

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.

9591
Engr. A. Rehman

To: Sub Divisional Officer
Public Health Engg: Sub Division Nankana Sahib
Project: Construction of Water Supply/ Filtration Plant, Sewerage / Sanitation Works at CHAK HAIDER ABAD & Ajoining Abadies District Nankana Sahib (PP-135) (Work-80)- M/S Ch. Imtiaz Hussain Basra Govt. Contractor

Our Ref. No. CL/CED/ 8567 Dated: 13/6/2025 Test Specification

Your Ref. No. SDO(PHED)/493 Dated: 24/2/2025 (BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 12/06/2025 **Tested on:** 13/6/2025 **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	Conc. Cube (1:2:4)	25	1	2025	6x6x6	---	9	36	70	4356	---	Engraved
2	Conc. Cube (1:2:4)	25	1	2025	6x6x6	---	9	36	71	4418	---	Engraved
3	Conc. Cube (1:2:4)	25	1	2025	6x6x6	---	8.8	36	67	4169	---	Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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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 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.

9591
Engr. A. Rehman

To: Sub Divisional Officer
Public Health Engg: Sub Division Nankana Sahib

Project: Construction of Water Supply/ Filtration Plant, Sewerage / Sanitation Works at KOT DOLAT & Ajoining Abadies District Nankana Sahib (PP-135) (Work-78)- M/S Ch. Imtiaz Hussain Basra Govt. Contractor

Our Ref. No. CL/CED/ 8568 Dated: 13/6/2025 Test Specification

Your Ref. No. SDO(PHED)/491 Dated: 28/02/2025 (BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 12/06/2025 Tested on: 13/6/2025 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	Conc. Cube (1:2:4)	31	1	2025	6x6x6	---	8.8	36	56	3484	---	Engraved
2	Conc. Cube (1:2:4)	31	1	2025	6x6x6	---	8.8	36	79	4916	---	Engraved
3	Conc. Cube (1:2:4)	31	1	2025	6x6x6	---	9	36	75	4667	---	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 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.

9591
Engr. A. Rehman

To: Sub Divisional Officer
Public Health Engg: Sub Division Nankana Sahib

Project: Construction of Water Supply/ Filtration Plant, Sewerage & Sanitation System in UC REHANWALA MANDI FAIZABAD (PP-134) Tehsil & District Nankana Sahib (Work-49)- M/S Sahara Builders Govt. Contractor

Our Ref. No. CL/CED/ 8569 Dated: 13/6/2025 Test Specification

Your Ref. No. SDO(PHED)/462 Dated: 26/2/2025 (BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 12/06/2025 Tested on: 13/6/2025 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	Conc. Cube (1:2:4)	29	1	2025	6x6x6	---	8.6	36	67	4169	---	Engraved
2	Conc. Cube (1:2:4)	29	1	2025	6x6x6	---	8.8	36	82.5	5133	---	Engraved
3	Conc. Cube (1:2:4)	29	1	2025	6x6x6	---	8.2	36	72	4480	---	Engraved
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**

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.

9591
Engr. A. Rehman

To: Sub Divisional Officer
Public Health Engg: Sub Division Nankana Sahib
Project: Construction of Water Supply/ Filtration Plants, Sewerage & Sanitation System at UC UC-20 CHAK NO. 184/ RB KOT NIZAM DIN District Nankana Sahib (Work-25)- M/S Ch. Imtiaz Hussain Basra Govt. Contractor

Our Ref. No. CL/CED/ 8570 Dated: 13/6/2025 **Test Specification**

Your Ref. No. SDO(PHED)/438 Dated: 24/2/2025 (BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 12/06/2025 **Tested on:** 13/6/2025 **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	Conc. Cube (1:2:4)	25	1	2025	6x6x6	---	9	36	54.5	3391	---	Engraved
2	Conc. Cube (1:2:4)	25	1	2025	6x6x6	---	8.8	36	80	4978	---	Engraved
3	Conc. Cube (1:2:4)	25	1	2025	6x6x6	---	8.6	36	57	3547	---	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 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.

9591
Engr. A. Rehman

To: Sub Divisional Officer
Public Health Engg: Sub Division Nankana Sahib
Project: Construction of Water Supply/ Filtration Plants, Sewerage & Sanitation System at UC-14 CHAK NO. 44/RB KOTLA KAHLWAN / DALLA NANGAL & DALLA JARMENIAN District Nankana Sahib (Work-23)- M/S Mason Enterprises Govt. Contractor

Our Ref. No. CL/CED/ 8571 Dated: 13/6/2025 **Test Specification**

Your Ref. No. SDO(PHED)/436 Dated: 28/2/2025 (BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 12/06/2025 **Tested on:** 13/6/2025 **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	Conc. Cube (1:2:4)	30	1	2025	6x6x6	---	8.2	36	75	4667	---	Engraved
2	Conc. Cube (1:2:4)	30	1	2025	6x6x6	---	8.8	36	67	4169	---	Engraved
3	Conc. Cube (1:2:4)	30	1	2025	6x6x6	---	8.6	36	62	3858	---	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 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.

9591
Engr. A. Rehman

To: Sub Divisional Officer
Public Health Engg: Sub Division Nankana Sahib
Project: Construction of Water Supply/ Filtration Plant, Sewerage & Sanitation System at MADINA COLONYNANKANA SAHIB (PP-134) Tehsil & District Nankana Sahib (Work-58)- M/S Ch. Imtiaz Hussain Basra Govt. Contractor

Our Ref. No. CL/CED/ 8572 Dated: 13/6/2025 Test Specification

Your Ref. No. SDO(PHED)/471 Dated: 27/2/2025 (BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 12/06/2025 Tested on: 13/6/2025 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	Conc. Cube (1:2:4)	29	1	2025	6x6x6	---	8.6	36	77	4791	---	Engraved
2	Conc. Cube (1:2:4)	29	1	2025	6x6x6	---	8.6	36	84	5227	---	Engraved
3	Conc. Cube (1:2:4)	29	1	2025	6x6x6	---	8.6	36	59	3671	---	Engraved
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**

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.

9591
Engr. A. Rehman

To: Sub Divisional Officer
Public Health Engg: Sub Division Nankana Sahib
Project: Construction of Water Supply/ Filtration Plant, Sewerage & Sanitation System at Muhallah Adjacent to JASLANI MANGTANWALA CHOWK (PP-134) Tehsil & District Nankana Sahib (Work-57)- M/S Sahara Builders Govt. Contractor

Our Ref. No. CL/CED/ 8573 Dated: 13/6/2025 Test Specification

Your Ref. No. SDO(PHED)/470 Dated: 24/2/2025 (BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 12/06/2025 Tested on: 13/6/2025 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	Conc. Cube (1:2:4)	25	1	2025	6x6x6	---	8.6	36	72	4480	---	Engraved
2	Conc. Cube (1:2:4)	25	1	2025	6x6x6	---	8.8	36	77	4791	---	Engraved
3	Conc. Cube (1:2:4)	25	1	2025	6x6x6	---	8.6	36	78	4853	---	Engraved
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**

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.

9591
Engr. A. Rehman

To: Sub Divisional Officer
Public Health Engg: Sub Division Nankana Sahib
Project: Construction of Water Supply/ Filtration Plant, Sewerage & Sanitation System at Muhallah Adjacent to DHOLAR CHOWK & BYPASS (PP-134) Tehsil & District Nankana Sahib (Work-56)- M/S Sahara Builders Govt. Contractor

Our Ref. No. CL/CED/ 8574 Dated: 13/6/2025 Test Specification

Your Ref. No. SDO(PHED)/469 Dated: 28/2/2025 (BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 12/06/2025 Tested on: 13/6/2025 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	Conc. Cube (1:2:4)	30	1	2025	6x6x6	---	9	36	58	3609	---	Engraved
2	Conc. Cube (1:2:4)	30	1	2025	6x6x6	---	8.8	36	69	4293	---	Engraved
3	Conc. Cube (1:2:4)	30	1	2025	6x6x6	---	8.8	36	83	5164	---	Engraved
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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 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.

9591
Engr. A. Rehman

To: Sub Divisional Officer
Public Health Engg: Sub Division Nankana Sahib

Project: Construction of Water Supply/ Filtration Plant, Sewerage & Sanitation System at UC-27 SHAREEN JHANGAR (BUDHA) District Nankana Sahib (Work-31)- M/S Shehroz Hunjra & Co. Govt. Contractor

Our Ref. No. CL/CED/ 8575 Dated: 13/6/2025

Your Ref. No. SDO(PHED)/444 Dated: 25/2/2025

Test Specification
(BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 12/06/2025 Tested on: 13/6/2025 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	Conc. Cube (1:2:4)	24	1	2025	6x6x6	---	9	36	58	3609	---	Engraved
2	Conc. Cube (1:2:4)	24	1	2025	6x6x6	---	9	36	69	4293	---	Engraved
3	Conc. Cube (1:2:4)	24	1	2025	6x6x6	---	8.6	36	82	5102	---	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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ORIGINAL
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9591
Engr. A. Rehman

To: Sub Divisional Officer
Public Health Engg: Sub Division Nankana Sahib

Project: Construction of Water Supply/ Filtration Plant, Sewerage / Sanitation Works at MOUZA JAG CHAK & Ajoining Abadies District Nankana Sahib (PP-135) (Work-73)- M/S Ch. Imtiaz Hussain Basra Govt. Contractor

Our Ref. No. CL/CED/ 8576 Dated: 13/6/2025 Test Specification

Your Ref. No. SDO(PHED)/486 Dated: 28/2/2025 (BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 12/06/2025 Tested on: 13/6/2025 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	Conc. Cube (1:2:4)	31	1	2025	6x6x6	---	9	36	87	5413	---	Engraved
2	Conc. Cube (1:2:4)	31	1	2025	6x6x6	---	8.8	36	89	5538	---	Engraved
3	Conc. Cube (1:2:4)	31	1	2025	6x6x6	---	8.8	36	93	5787	---	Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

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