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.

6886&6894
Dr. Qasim Khan

To: Unit Head PMO
ABL-UML-P # 199-200, Allied Bank, New Garden Town, Lahore.

Project: Construction of ABL Upper Mall Lahore Plot No 199,200. (w/c 0.3%, Cement 550 kgs/m, Admixture BASF-993-0.5%, Micro Silica 30 kgs/m 5.6%)

Our Ref. No. CL/CED/ 4474 Dated: 20-03-24 **Test Specification**

Your Ref. No. ABL-UML-AMC-QAQC-67 Dated: 18-03-24 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 18-03-24 Tested on: 20-03-24 in dry/wet condition

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	(8000 Psi)	10	3	2024	6Diax12	---	14.2	28.28	81	6416	---	Non Engraved
2	(8000 Psi)	10	3	2024	6Diax12	---	14.4	28.28	88	6970	---	Non Engraved
3	(8000 Psi)	10	3	2024	6Diax12	---	14.4	28.28	80	6337	---	Non Engraved
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Witnessed by:

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

1. * as engraved on the specimens (if any)
2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
4. **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as comprerssive strength

Note: Above results pertain to the unsealed samples supplied to the laboratory

1.The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
2.The test results are recommended to be interpreted in the light of above factors by the engineer.

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

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ORIGINAL
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6886&6894
Dr. Qasim Khan

To: Unit Head PMO
ABL-UML-P # 199-200, Allied Bank, New Garden Town, Lahore.

Project: Construction of ABL Upper Mall Lahore Plot No 199,200. (w/c 0.4%, Cement 380 kgs/m, Admixture Sika ment 520-BA 1.1%)

Our Ref. No. CL/CED/ 4475 Dated: 20-03-24 **Test Specification**

Your Ref. No. ABL-UML-AMC-QAQC-68 Dated: 18-03-24 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 18-03-24 Tested on: 20-03-24 in dry/wet condition

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	(4000 Psi)	10	3	2024	6Diax12	---	14	28.28	50	3960	---	Non Engraved
2	(4000 Psi)	10	3	2024	6Diax12	---	15	28.28	52	4119	---	Non Engraved
3	(4000 Psi)	10	3	2024	6Diax12	---	13.2	28.28	55	4356	---	Non 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**

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ORIGINAL
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6886&6894
Dr. Qasim Khan

To: Unit Head PMO
ABL-UML-P # 199-200, Allied Bank, New Garden Town, Lahore.

Project: Construction of ABL Upper Mall Lahore Plot No 199,200. (w/c 0.4%, Cement 400 kgs/m, Admixture Sika ment 520-BA 1.0%)

Our Ref. No. CL/CED/ 4476 Dated: 20-03-24 **Test Specification**

Your Ref. No. ABL-UML-AMC-QAQC-69 Dated: 18-03-24 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 18-03-24 Tested on: 20-03-24 in dry/wet condition

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	(4000 Psi)	12	3	2024	6Diax12	---	13.2	28.28	47	3723	---	Non Engraved
2	(4000 Psi)	12	3	2024	6Diax12	---	13.4	28.28	54	4277	---	Non Engraved
3	(4000 Psi)	12	3	2024	6Diax12	---	13.4	28.28	50	3960	---	Non 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**

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ORIGINAL
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6875
Dr. M. Mazhar

To: **Mr. Muhammad Ehtesham Uddin**
Project Manager, Kinetic, Phase-III, DHA, Lahore.

Project: Building Construction at Ferozepur Road Lahore.

Our Ref. No. CL/CED/ 4477 **Dated: 20/3/2024**

Your Ref. No. Nil **Dated: 05-03-24**

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 15/03/2024 **Tested on:** 20/3/2024 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	Slab	16	1	2024	6Diax12	---	13.2	28.28	70	5545	---	Non Engraved
2	Slab	16	1	2024	6Diax12	---	12.4	28.28	65	5149	---	Non Engraved
3	Slab	16	1	2024	6Diax12	---	13.2	28.28	75	5941	---	Non Engraved
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Witnessed by:

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

1. * as engraved on the specimens (if any)
2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
4. **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as comprerssive strength

Note: Above results pertain to the unsealed samples supplied to the laboratory

1.The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
2.The test results are recommended to be interpreted in the light of above factors by the engineer.

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

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ORIGINAL
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6879
Dr. M. Mazhar

To: Mr. Muhammad Sajjad
Project Incharge, Model Town Lahore.

Project: Construction of House No. 60, C Block, Model Town Lahore (Retaining Wall Plaza Side)

Our Ref. No. CL/CED/ 4478 **Dated:** 20/3/2024

Your Ref. No. Nil **Dated:** Nil

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 18/03/2024 **Tested on:** 20/3/2024 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	Columns (4000Psi)	9	3	2024	6Diax12	---	13.2	28.28	62	4911	---	Non Engraved
2	Columns (4000Psi)	9	3	2024	6Diax12	---	13.6	28.28	50	3960	---	Non Engraved
3	Columns (4000Psi)	9	3	2024	6Diax12	---	13	28.28	52	4119	---	Non 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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ORIGINAL
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6879
Dr. M. Mazhar

To: Mr. Muhammad Sajjad
Project Incharge, Model Town Lahore.

Project: Construction of House No. 60, C Block, Model Town Lahore (Tanks Roof Slab)

Our Ref. No. CL/CED/ 4479 **Dated:** 20/3/2024

Your Ref. No. Nil **Dated:** Nil

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 18/03/2024 **Tested on:** 20/3/2024 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	Columns (3000Psi)	5	3	2024	6Diax12	---	13	28.28	42	3327	---	Non Engraved
2	Columns (3000Psi)	5	3	2024	6Diax12	---	13.2	28.28	54	4277	---	Non Engraved
3	Columns (3000Psi)	5	3	2024	6Diax12	---	13	28.28	50	3960	---	Non 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
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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)
2.The test results are recommended to be interpreted in the light of above factors by the engineer.

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

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ORIGINAL
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6869
Dr. M. Mazhar

To: Engr. M. Shahjahan Khan
Resident Engineer, Infrastructure Development Authority Punjab

Project: Design, Procurement, Deployment and Commissioning of CCTV, Control Room and Data Centre (Compute & Core Network) Infrastructure on EPC/TURNKEY Basis for (PPIC3) Gujranwala.

Our Ref. No. CL/CED/ 4480 Dated: 20/3/2024

Your Ref. No. No. PPIC3-GUJ/IDAP/2024/0012 Dated: 14/3/2024

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 14/03/2024 Tested on: 20/3/2024 in dry/wet condition

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	4000 Psi	14	2	2024	6Diax12	---	14	28.28	56	4436	---	Non Engraved
2	4000 Psi	14	2	2024	6Diax12	---	14	28.28	52	4119	---	Non Engraved
3	4000 Psi	14	2	2024	6Diax12	---	13.6	28.28	59	4673	---	Non 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
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4. **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as comprerssive strength

Note: Above results pertain to the unsealed samples supplied to the laboratory

1.The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
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Supervisor (Lab) **Director/Dy. Director Concrete Laboratory**

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

6869
Dr. M. Mazhar

To: **Engr. M. Shahjahan Khan**
Resident Engineer, Infrastructure Development Authority Punjab

Project: Design, Procurement, Deployment and Commissioning of CCTV, Control Room and Data Centre (Compute & Core Network) Infrastructure on EPC/TURNKEY Basis for (PPIC3) Gujranwala.

Our Ref. No. CL/CED/ 4481 **Dated: 20/3/2024**

Your Ref. No. No. PPIC3-GUJ/IDAP/2024/0013 **Dated: 14/3/2024**

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 14/03/2024 **Tested on:** 20/3/2024 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	4000 Psi	15	2	2024	6Diax12	---	13.4	28.28	59	4673	---	Non Engraved
2	4000 Psi	15	2	2024	6Diax12	---	14	28.28	62	4911	---	Non Engraved
3	4000 Psi	15	2	2024	6Diax12	---	14	28.28	60	4752	---	Non 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 comprerssive strength

Note: Above results pertain to the unsealed samples supplied to the laboratory

1.The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
2.The test results are recommended to be interpreted in the light of above factors by the engineer.

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

Plain and Reinforced Concrete Laboratory
Civil Engineering Department
University of Engineering and Technology, Lahore. Pakistan
Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

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

6846
Dr. M. Mazhar

To: Mr. Saeed Ahmad
ARE, Punjab Cities Program, Package-V

Project: Detailed Design of Infrastructure Sub-Projects, Sectoral Planning & Resident Supervision in 16 Cities of Punjab. Comprehensive Sewerage System in Khanewal City Under Punjab Cities Program (PCP).

Our Ref. No. CL/CED/ 4482 Dated: 20/3/2024 Test Specification

Your Ref. No. PCP/KWL-101/2024 Dated: 06-03-24 (BS 3921**)

COMPRESSION TEST REPORT

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

Specimens received on: 11-03-24 Tested on: 20/3/2024 in dry/wet condition

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	H	---	---	---	8.7 x 4.3 x 2.9	3300	2790	37.41	30	1796	18.28	---
2	H	---	---	---	8.8 x 4.4 x 3	3495	2935	38.72	22	1273	19.08	---
3	H	---	---	---	8.8 x 4.3 x 2.9	3230	2725	37.84	26	1539	18.53	---
4	H	---	---	---	8.8 x 4.3 x 2.9	3300	2795	37.84	26	1539	18.07	---
5	H	---	---	---	8.7 x 4.2 x 2.9	3190	2810	36.54	22	1349	13.52	---
6	H	---	---	---	9 x 4.4 x 3	3625	3100	39.6	32	1810	16.94	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Mr. Waseem Ahmed Hashmi, Mr. Shahbaz Ali, Mr. M. Ajmal Iqbal, Mr. Saeed Ahmad

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

1. * as engraved on the specimens (if any)
2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
4. **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as comprerssive strength

Note: Above results pertain to the unsealed samples supplied to the laboratory

1.The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
2.The test results are recommended to be interpreted in the light of above factors by the engineer.

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

Plain and Reinforced Concrete Laboratory
Civil Engineering Department
University of Engineering and Technology, Lahore. Pakistan
Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

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

6834
Dr. M. Mazhar

To: Sub Divisional Officer
Buildings Sub Division, Shahkot

Project: Construction/ Rehabilitation/ Improvement of Offices, ARC,s, E-Registration Centers, Sub Registrar Offices etc in Punjab (ARC Centre One at Tehsil Shahkot, District Nankana Sahib).

Our Ref. No. CL/CED/ 4483 Dated: 20/3/2024 Test Specification

Your Ref. No. 4319/Skt Dated: 10-02-24 (----)

COMPRESSION TEST REPORT

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

Specimens received on: 07-03-24 Tested on: 20/3/2024 in dry/wet condition

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	11	---	---	---	8.9 x 4.5 x 2.9	3585	3310	40.05	52	2908	8.31	---
2	11	---	---	---	9 x 4.5 x 2.9	3570	3330	40.5	24	1327	7.21	---
3	11	---	---	---	9 x 4.4 x 3	3745	3325	39.6	46	2602	12.63	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

1. * as engraved on the specimens (if any)
2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
4. **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as comprerssive strength

Note: Above results pertain to the unsealed samples supplied to the laboratory

1.The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
2.The test results are recommended to be interpreted in the light of above factors by the engineer.

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

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.

6833
Dr. M. Mazhar

To: Sub Divisional Officer
Buildings Sub Division, Nankana Sahib

Project: Construction/ Rehabilitation/ Improvement of Offices, ARCS E-Registration Centers, Sub Registrar Offices etc in Punjab (ARC Centre One at Nankana Sahib)

Our Ref. No. CL/CED/ 4484 **Dated:** 20/3/2024

Your Ref. No. 206/SDO/BSD/NNS **Dated:** 15/2/2024

Test Specification (BS 3921**)

COMPRESSION TEST REPORT

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

Specimens received on: 07-03-24 **Tested on:** 20/3/2024 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	11	---	---	---	9 x 4.4 x 2.9	3750	3310	39.6	42	2376	13.29	---
2	11	---	---	---	8.9 x 4.4 x 3	3635	3255	39.16	46	2631	11.67	---
3	11	---	---	---	8.9 x 4.4 x 3	3710	3440	39.16	44	2517	7.85	---
4	11	---	---	---	9 x 4.4 x 2.9	3665	3195	39.6	34	1923	14.71	---
5	11	---	---	---	8.9 x 4.4 x 3	3560	3170	39.16	24	1373	12.3	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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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.

6889
Dr. M. Mazhar

To: Mr. M. Faisal
GOR II Lahore.

Project: Nil

Our Ref. No. CL/CED/ 4485 **Dated:** 20/3/2024 **Test Specification**

Your Ref. No. Nil **Dated:** 19/3/2024 (----)

COMPRESSION TEST REPORT

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

Specimens received on: 19/3/2024 **Tested on:** 20/3/2024 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	Rectangular, Red, 60mm	---	---	---	7.9 x 3.8 x 2.3	---	2450	30.02	95	7089	---	---
2	Rectangular, Red, 60mm	---	---	---	7.9 x 3.8 x 2.3	---	2560	30.02	99	7387	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

1. * as engraved on the specimens (if any)
2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
4. **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as comprerssive strength

Note: Above results pertain to the unsealed samples supplied to the laboratory

1.The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
2.The test results are recommended to be interpreted in the light of above factors by the engineer.

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

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.

6890
Dr. M. Mazhar

To: Executive Engineer
Road Construction Division, Lahore.

Project: Special Repair of Approach Road to Bibi Pak Daman Shrine in District Lahore.

Our Ref. No. CL/CED/ 4486 **Dated: 20-03-24**

Your Ref. No. EE(RC)/2946/CB/ST **Dated: 06-02-24**

Test Specification
(----)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 19-03-24 **Tested on:** 20-03-24 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	Uni-Block, Grey, 80mm	---	---	---	3.1 thick	---	4585	36.99	135	8175	---	---
2	Uni-Block, Grey, 80mm	---	---	---	3.1 thick	---	4655	36.99	166	10052	---	---
3	Uni-Block, Grey, 80mm	---	---	---	3.1 thick	---	4560	36.99	107	6480	---	---
4	Uni-Block, Grey, 80mm	---	---	---	3.1 thick	---	4650	36.99	125	7570	---	---
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.

6893
Dr. M. Mazhar

To: Mr. M. Usman Rauf
Resident Engineer, Highways and Transportation Engineering Division. NESPAK (Pvt.) Ltd.

Project: Repair & Improvement of Kotha Pind Faisal Town, Lahore (Gulberg Zone) Lahore. (MCL Projects)

Our Ref. No. CL/CED/ 4487 Dated: 20-03-24

Your Ref. No. 4084/103/MUR/104/1820 Dated: 12-03-24

Test Specification
(BS 1881-116)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 19-03-24 Tested on: 20-03-24 in dry/wet condition

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	---	12	2	2024	6x6x6	---	8.6	36	119	7404	---	Non Engraved
2	---	12	2	2024	6x6x6	---	9	36	101	6284	---	Non Engraved
3	---	12	2	2024	6x6x6	---	8.4	36	56	3484	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Nil

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

1. * as engraved on the specimens (if any)
2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
4. **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as comprerssive strength

Note: Above results pertain to the unsealed samples supplied to the laboratory

1.The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
2.The test results are recommended to be interpreted in the light of above factors by the engineer.

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

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.

6893
Dr. M. Mazhar

To: Mr. M. Usman Rauf
Resident Engineer, Highways and Transportation Engineering Division. NESPAK (Pvt.) Ltd.

Project: Restoration of Road Cut for the Project Laying of Forcemeat of Ichra Morr DISP Sal Laying Forcemain and Replacement Sewerage System at Sultan Ahmed Road. (MCL Projects)

Our Ref. No. CL/CED/ 4488 Dated: 20-03-24

Your Ref. No. 4084/103/MUR/104/1821 Dated: 12-03-24

Test Specification
(BS 1881-116)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 19-03-24 **Tested on:** 20-03-24 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	---	12	2	2024	6x6x6	---	8.6	36	111	6907	---	Non Engraved
2	---	12	2	2024	6x6x6	---	8.4	36	91	5662	---	Non Engraved
3	---	12	2	2024	6x6x6	---	8.4	36	119	7404	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Nil

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

1. * as engraved on the specimens (if any)
2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
4. **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as comprerssive strength

Note: Above results pertain to the unsealed samples supplied to the laboratory

1.The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
2.The test results are recommended to be interpreted in the light of above factors by the engineer.

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