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.

7977
Dr. M. Yousaf

To: Mr. Saeed Ahmad Khan
Sub Divisional Officer, Gulshan-e-Ravi Sub Division, WASA, LDA, Lahore.

Project:TENDER NO. XEN (O&M-I) GBT/2022-2023/55/4460-65. Dated:-21-12-2022 LAYING OF SEWER LINE FROM MAIN BOULEVARD GULSHAN-E-RAVI TO NOONARIAN CHOWK & LINKS STREETS IN UC-78 LHR.

Our Ref. No. CL/CED/ 6158-1 of 2 Dated: 15-10-24

Your Ref. No. GR/SD/971 Dated: 04-05-24

Test Specification
(----)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 09-10-24 Tested on: 14-10-24 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	M	---	---	---	8.8 x 4.2 x 3	---	3230	36.96	49	2970	---	---
2	M	---	---	---	8.9 x 4.2 x 2.9	---	3250	37.38	44	2637	---	---
3	M	---	---	---	8.9 x 4.2 x 2.9	---	3145	37.38	44	2637	---	---
4	M	---	---	---	8.9 x 4.2 x 2.8	---	3250	37.38	41	2457	---	---
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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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7938
Engr. A. Rehman

To: Sub Divisional Officer
Buildings Sub Division No. 11, Lahore

Project: Establishment of Safe City Girls Hostel at Lahore (Ground Floor Column)

Our Ref. No. CL/CED/ 6159 **Dated:** 15-10-24

Your Ref. No. 140/11th **Dated:** 24-09-24

Test Specification
(BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 03-10-24 **Tested on:** 04-10-24 **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 (1:1.5:3)	25	8	2024	6x6x6	---	9	36	85	5289	---	Non Engraved
2	4000 Psi (1:1.5:3)	25	8	2024	6x6x6	---	8.8	36	85	5289	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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
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ORIGINAL
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7938
Dr. M. Yousaf

To: Sub Divisional Officer
Buildings Sub Division No. 11, Lahore

Project: Establishment of Safe City Girls Hostel at Lahore (Raft Foundation and Footing Beam)

Our Ref. No. CL/CED/ 6160 **Dated:** 15-10-24

Your Ref. No. 132/11th **Dated:** 24-08-24

Test Specification
(BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 03-10-24 **Tested on:** 14-10-24 **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	3000 Psi (1:2:4)	22	7	2024	6x6x6	---	9	36	75	4667	---	Non Engraved
2	3000 Psi (1:2:4)	22	7	2024	6x6x6	---	9.2	36	70	4356	---	Non Engraved
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**

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Civil Engineering Department
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ORIGINAL
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7938
Dr. M. Yousaf

To: Sub Divisional Officer
Buildings Sub Division No. 11, Lahore

Project: Establishment of Safe City Girls Hostel at Lahore (Beams & Slab First Floor)

Our Ref. No. CL/CED/ 6161 **Dated:** 15-10-24

Your Ref. No. 143/11th **Dated:** 25-09-24

Test Specification
(BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 03-10-24 **Tested on:** 14-10-24 **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	3000 Psi (1:2:4)	24	8	2024	6x6x6	---	9.4	36	69	4293	---	Non Engraved
2	3000 Psi (1:2:4)	24	8	2024	6x6x6	---	9	36	59	3671	---	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 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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7990
Dr. Aqsa

To: Major (Muhammad Umar)
For Commanding Officer, 18 Engineer Battalion Lahore Cantonment.

Project: Construction of Boundary Wall Mehfooz Shaheed Garrison.

Our Ref. No. CL/CED/ 6162 Dated: 15-10-24 Test Specification

Your Ref. No. 607-General Dated: 11-10-24 (----)

COMPRESSION TEST REPORT

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

Specimens received on: 11-10-24 Tested on: 15-10-24 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	Pre-Cast Girder	---	---	---	2x2x1.7	---	305	4	6	3360	---	Cut Cube (No Steel Present)
2	Pre-Cast Girder	---	---	---	2x2x1.8	---	320	4	11	6160	---	Cut Cube (No Steel Present)
3	Pre-Cast Girder	---	---	---	2x2x1.9	---	360	4	8	4480	---	Cut Cube (No Steel Present)
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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7949
Dr. Aqsa

To: Mr. Salman Latif
CEO, SAC ENGINEERING SERVICES

Project: UBL Cavalry Ground Lahore.

Our Ref. No. CL/CED/ 6163 **Dated:** 15-10-24

Your Ref. No. Nil **Dated:** 07-10-24

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 07-10-24 **Tested on:** 15-10-24 **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	Third Floor Slab (3000 Psi)	25	9	2024	6Diax12	---	14	28.28	62	4911	---	Non Engraved
2	Third Floor Slab (3000 Psi)	25	9	2024	6Diax12	---	14	28.28	56	4436	---	Non Engraved
3	Third Floor Slab (3000 Psi)	25	9	2024	6Diax12	---	14	28.28	58	4594	---	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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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.

7976
Dr. Aqsa

To: Project Manager
Sunshine Health Care Private Ltd.

Project: Construction of Sunshine Medical Tower Shahdra.

Our Ref. No. CL/CED/ 6164 **Dated: 15-10-24**

Your Ref. No. Nil **Dated: 09-10-24**

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 09-10-24 Tested on: 15-10-24 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	Wall Water Dipped	2	9	2024	6Diax12	---	13.2	28.28	88	6970	---	Engraved
2	Wall Water Dipped	2	9	2024	6Diax12	---	13	28.28	79	6257	---	Engraved
3	Wall Field Curing	2	9	2024	6Diax12	---	14	28.28	83	6574	---	Engraved
4	Slab Water Dipped	2	9	2024	6Diax12	---	13.6	28.28	82	6495	---	Engraved
5	Slab Water Dipped	2	9	2024	6Diax12	---	13	28.28	83	6574	---	Engraved
6	Slab Field Curing	2	9	2024	6Diax12	---	13	28.28	82	6495	---	Engraved
7	Water Dipped	11	9	2024	6Diax12	---	13.2	28.28	63	4990	---	Engraved
8	Water Dipped	11	9	2024	6Diax12	---	13.4	28.28	70	5545	---	Engraved
9	Field Curing	11	9	2024	6Diax12	---	13	28.28	58	4594	---	Engraved
10	Field Curing	11	9	2024	6Diax12	---	13	28.28	68	5386	---	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
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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
A carbon copy for the report has been retained in the lab for record.

8011
Dr. M. Yousaf

To: Mr. Tahir Mehmood
Chief Engineer, New Lahore City. (ZAITOON, Beyond Lifestyle Exellence)

Project: Building Work Mian Ejaz Anwar House 9-A Cantt Lahore. (M/s Tameer Construcion)

Our Ref. No. CL/CED/ 6165 Dated: 15-10-24

Your Ref. No. ZC/CE/182 Dated: 14-10-24

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 15-10-24 Tested on: 15-10-24 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	1st Basement Slab (4000 Psi)	14	9	2024	6Diax12	---	14.6	28.28	66	5228	---	Non Engraved
2	1st Basement Slab (4000 Psi)	14	9	2024	6Diax12	---	14.8	28.28	72	5703	---	Non Engraved
3	1st Basement Slab (4000 Psi)	14	9	2024	6Diax12	---	14	28.28	65	5149	---	Non Engraved
4	1st Basement Slab (4000 Psi)	14	9	2024	6Diax12	---	13.6	28.28	73	5782	---	Non Engraved
5	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Mr. Ghulam Fareed, CNIC # 33105-8651832-7 & Mr. M. Azhar, Asst. Lab Incharge, CNIC # 35201-5560081-5

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**