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.

5972
Engr. Ubaid

To: **Mr. Muhammad Shafique**
Project Manager, Precision Forging (Private) Limited, Quality to the max

Project: Nil

Our Ref. No. CL/CED/ 3091 **Dated: 06-10-23**

Your Ref. No. PF/UET/25092023 **Dated: 25/9/2023**

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 26/9/2023 **Tested on:** 28-09-23 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	4000 Psi (3/6)	18	9	2023	6Diax12	---	13	28.28	45	3564	---	Engraved
2	4000 Psi (2/4)	18	9	2023	6Diax12	---	13	28.28	33	2614	---	Engraved
3	4000 Psi (4/7)	18	9	2023	6Diax12	---	13.2	28.28	45	3564	---	Engraved
4	4000 Psi (1/3)	18	9	2023	6Diax12	---	13	28.28	30	2376	---	Engraved
5	4000 Psi (5/8)	18	9	2023	6Diax12	---	13	28.28	44.5	3525	---	Engraved
6	4000 Psi (6/9)	18	9	2023	6Diax12	---	13.4	28.28	49	3881	---	Engraved
7		---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
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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.

5997
Dr. M. Yousaf

To: Mr. Nasir Mehmood
Construction Manager, Elite Engineering Pvt. Ltd

Project: WB-10-B Extension Works at 220KVA University Grid Station Bhara Kahu, Islamabad.

Our Ref. No. CL/CED/ 3092 Dated: 06-10-23

Your Ref. No. EEPL/09/EL-04 Dated: 02-10-23

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 2/10/2023 Tested on: 05-10-23 in dry/wet condition

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	Gantry Foundation F07B	29	8	2023	6Diax12	---	13.2	28.28	52	4119	---	Non Engraved
2	Gantry Foundation F07B	29	8	2023	6Diax12	---	14	28.28	75	5941	---	Non Engraved
3	Gantry Foundation F07B	29	8	2023	6Diax12	---	14	28.28	60	4752	---	Non Engraved
4	ATR Base Slab	5	9	2023	6Diax12	---	14	28.28	61	4832	---	Non Engraved
5	ATR Base Slab	5	9	2023	6Diax12	---	13.8	28.28	61	4832	---	Non Engraved
6	ATR Base Slab	5	9	2023	6Diax12	---	14	28.28	48	3802	---	Non Engraved
7	Gantry Foundation F07A	18	9	2023	6Diax12	---	14	28.28	64	5069	---	Non Engraved
8	Gantry Foundation F07A	18	9	2023	6Diax12	---	14	28.28	65	5149	---	Non Engraved
9	Gantry Foundation F07A	18	9	2023	6Diax12	---	13.8	28.28	64	5069	---	Non Engraved
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Mr. Naveed Iqbal, Elite Engg.; Mr. Shaheer Shahbaz, SIEMENS; Mr. Sohaib Ali, NESPAK

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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5985
Dr. M. Yousaf

To: for Sr. Construction Engineer-VI
WASA, LDA, Lahore

Project:Tender No. P&S/25.01/6437/2282-88 Dated 26-10-2021 "Improv. / Rehab. of Trunk Sewer from Rehman Pura Malik Chowk, Via Naqsha Stop, Pilot School to Allama Iqbal Town Disposable Station, Lahore

Our Ref. No. CL/CED/ 3093-1 of 2 Dated: 06-10-23 Test Specification

Your Ref. No. SCE-VI/255-57 Dated: 23/9/2023 (----)

COMPRESSION TEST REPORT

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

Specimens received on: 28/9/2023 Tested on: 06-10-23 in dry/wet condition

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	5	---	---	---	8.5 x 4.1 x 3	---	3420	34.85	68	4371	---	---
2	5	---	---	---	8.5 x 4.1 x 2.9	---	3405	34.85	46	2957	---	---
3	5	---	---	---	8.5 x 4.2 x 3	---	3460	35.7	48	3012	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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14	---	---	---	---	---	---	---	---	---	---	---	---
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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 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
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5985
Dr. M. Yousaf

To: for Sr. Construction Engineer-VI
WASA, LDA, Lahore

Project:Tender No. P&S/25.01/6437/2282-88 Dated 26-10-2021 "Improv. / Rehab. of Trunk Sewer from Rehman Pura Malik Chowk, Via Naqsha Stop, Pilot School to Allama Iqbal Town Disposable Station, Lahore

Our Ref. No. CL/CED/ 3093-2 of 2 **Dated: 06-10-23** **Test Specification**

Your Ref. No. SCE-VI/255-57 **Dated: 23/9/2023** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 28/9/2023 **Tested on:** 06-10-23 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	(1:2:4)	16	5	2023	6Diax12	---	14.2	28.28	62	4911	---	Non Engraved
2	(1:2:4)	16	5	2023	6Diax12	---	13.4	28.28	64	5069	---	Non Engraved
3	(1:2:4)	16	5	2023	6Diax12	---	13.8	28.28	68	5386	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

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

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ORIGINAL
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5975
Dr. M. Yousaf

To: Engr. Khuldon Rashid
ENVIRO CONSULT (SMC-PVT) LTD

Project: Improvement of Sewerage System in Abadies Adjacent to Saggian Road Shahdara Lahore

Our Ref. No. CL/CED/ 3094 **Dated: 06-10-23**

Your Ref. No. 211/WASA-LHR/R1-A/2018/24/03 **Dated: 25/9/2023**

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 27/9/2023 **Tested on:** 06-10-23 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	---	20	5	2023	6Diax12	---	13.4	28.28	46	3644	---	Non Engraved
2	---	20	5	2023	6Diax12	---	16	28.28	68	5386	---	Non Engraved
3	---	29	1	2023	6Diax12	---	13.6	28.28	100	7921	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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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 compressive strength

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

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

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ORIGINAL
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6013
Dr. M. Yousaf

To: Engr. Muhammad Husnain, Resident Engineer
Punjab Daanish School Taunsa Project. (ACE Architectural & Town Planning Services Limited)

Project: Establishment of Daanish School at Taunsa D.G. Khan (O.H.W.T. Column Shaft Package-2)

Our Ref. No. CL/CED/ 3095 **Dated:** 06-10-23 **Test Specification**

Your Ref. No. ARTS/DTS/MT/2023-774 **Dated:** 21/9/2023 **(BS 1881-116)**

COMPRESSION TEST REPORT

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

Specimens received on: 04-10-23 **Tested on:** 06-10-23 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	Cube (1:1.5:3)	23	8	2023	6x6x6	---	8.4	36	64	3982	---	Non Engraved
2	Cube (1:1.5:3)	23	8	2023	6x6x6	---	8.8	36	60	3733	---	Non Engraved
3	Cube (1:1.5:3)	23	8	2023	6x6x6	---	8.6	36	60	3733	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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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)
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Supervisor (Lab) **Director/Dy. Director Concrete Laboratory**

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ORIGINAL
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6014
Dr. M. Yousaf

To: Engr. Mr. Syed Hashim Hussain
SDM Project, Azgard Nine Limited

Project: Retrofitting of Dyeing 1 RCC Building (DBU) Azgard9 Limited

Our Ref. No. CL/CED/ 3096 **Dated: 06-10-23**

Your Ref. No. Az/Pro/003 **Dated: 03-10-23**

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 04-10-23 **Tested on:** 06-10-23 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	Col. Pedestal (Grid 8-9/Line A	2	9	2023	6Diax12	---	14	28.28	54	4277	---	Engraved
2	Col. Pedestal (Grid 8-9/Line A	2	9	2023	6Diax12	---	14	28.28	53	4198	---	Engraved
3	Col. Pedestal (Grid 8-9/Line A	2	9	2023	6Diax12	---	14	28.28	50	3960	---	Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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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.

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5996
Dr. M. Yousaf

To: **M. Zain Ul Abadeen**
Project Manager, Majeed Associates (Pvt) Ltd Karachi

Project: Construction of ABL Branch Expo Johar Town Lahore. (Pak Mix)

Our Ref. No. CL/CED/ 3097 **Dated: 06-10-23** **Test Specification**

Your Ref. No. Nil **Dated: Nil** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 02-10-23 Tested on: 06-10-23 in dry/wet condition

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	Roof Slab (3000 Psi)	24	9	2023	6Diax12	---	13	28.28	48	3802	---	Non Engraved
2	Roof Slab (3000 Psi)	24	9	2023	6Diax12	---	13.4	28.28	38	3010	---	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**

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.

5996
Dr. M. Yousaf

To: **M. Zain Ul Abadeen**
Project Manager, Majeed Associates (Pvt) Ltd Karachi

Project: Construction of ABL Branch Expo Johar Town Lahore. (Pak Mix)

Our Ref. No. CL/CED/ 3098 **Dated: 06-10-23** **Test Specification**

Your Ref. No. Nil **Dated: Nil** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 02-10-23 Tested on: 06-10-23 in dry/wet condition

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	3rd Floor Slab (3000 Psi)	30	8	2023	6Diax12	---	13.2	28.28	50	3960	---	Non Engraved
2	3rd Floor Slab (3000 Psi)	30	8	2023	6Diax12	---	13.4	28.28	36	2851	---	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 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.

6009
Dr. M. Yousaf

To: **Mr. Muhammad Yousaf**
Quantity Surveyor, Professional Construction Services (Pvt.) Ltd.

Project: Construction of Allied Bank Limited Lajna Chowk Lahore.

Our Ref. No. CL/CED/ 3099 **Dated: 06-10-23** **Test Specification**

Your Ref. No. PCS/23/Eng/169 **Dated: 03-10-23** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 04-10-23 **Tested on:** 06-10-23 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	G. Floor Slab	3	9	2023	6Diax12	---	13.4	28.28	30	2376	---	Non Engraved
2	G. Floor Slab	3	9	2023	6Diax12	---	13.8	28.28	38	3010	---	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**

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.

5992
Dr. M. Yousaf

To: Mr. Farhan Ramzan
Site Supervisor, Premier Services

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

Our Ref. No. CL/CED/ 3100 Dated: 06-10-23

Your Ref. No. Nil Dated: 02-10-23

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 02-10-23 Tested on: 06-10-23 in dry/wet condition

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	MSC Zong Bndry Wall KLP-LHR	26	9	2023	6Diax12	---	13	28.28	36	2851	---	Non Engraved
2	MSC Zong Bndry Wall KLP-LHR	26	9	2023	6Diax12	---	13	28.28	47	3723	---	Non Engraved
3	MSC Zong Bndry Wall KLP-LHR	26	9	2023	6Diax12	---	13.6	28.28	43	3406	---	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**

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.

6001
Dr. M. Yousaf

To: **Resident Engineer**
ES Consultants (Pvt) Ltd

Project: Construction of Multy Storey (High Rise) Commercial Building Complex at OPF Housing Scheme, Khayaban-e-Jinnah Raiwind Road, Lahore

Our Ref. No. CL/CED/ 3101 **Dated: 06-10-23**

Your Ref. No. ESC/OPF-ISL/5986 **Dated: 03-10-23**

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 03-10-23 **Tested on:** 06-10-23 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	---	23	9	2023	6Diax12	---	12.6	28.28	72	5703	---	Non Engraved
2	---	23	9	2023	6Diax12	---	13	28.28	68	5386	---	Non Engraved
3	---	23	9	2023	6Diax12	---	12.4	28.28	66	5228	---	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**

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.

6001
Dr. M. Yousaf

To: **Resident Engineer**
ES Consultants (Pvt) Ltd

Project: Construction of Multy Storey (High Rise) Commercial Building Complex at OPF Housing Scheme, Khayaban-e-Jinnah Raiwind Road, Lahore

Our Ref. No. CL/CED/ 3102 **Dated: 06-10-23**

Your Ref. No. ESC/OPF-ISL/5986 **Dated: 03-10-23**

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 03-10-23 **Tested on:** 06-10-23 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	---	25	9	2023	6Diax12	---	13.4	28.28	72	5703	---	Non Engraved
2	---	25	9	2023	6Diax12	---	13	28.28	65	5149	---	Non Engraved
3	---	25	9	2023	6Diax12	---	13	28.28	76	6020	---	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
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Note: Above results pertain to the unsealed samples supplied to the laboratory

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

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

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

5952
Dr. M. Yousaf

To: Mr. Muhammad Yousaf
Quantity Surveyor, Professional Construction Services (Pvt.) Ltd

Project: Construction of Allied Bank Limited Lajna Chowk Lahore

Our Ref. No. CL/CED/ 3103 Dated: 06-10-23 Test Specification

Your Ref. No. PCS/23/Eng/158 Dated: 21/9/2023 (----)

COMPRESSION TEST REPORT

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

Specimens received on: 22/9/2023 Tested on: 06-10-23 in dry/wet condition

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	7S7	---	---	---	9 x 4.4 x 3	---	3405	39.6	23	1301	---	---
2	7S7	---	---	---	8.9 x 4.4 x 3	---	3425	39.16	40	2288	---	---
3	7S7	---	---	---	8.8 x 4.3 x 2.9	---	3490	37.84	40	2368	---	---
4	7S7	---	---	---	8.8 x 4.3 x 3	---	3425	37.84	36	2131	---	---
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
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Note: Above results pertain to the unsealed samples supplied to the laboratory

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

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.

5949
Dr. M. Yousaf

To: Mr. Kahsif ul Haq
Resident Engineer, G3 Engineering Consultants (Pvt) Ltd

Project: Construction of Residential Area (G-20, G-18-19, Family Flats, Male & Female Faculty Hostels, Guest House & Masjid) at University of Narowal (New Campus) against the Project :Strengthening & Expansion of

Our Ref. No. CL/CED/ 3104 Dated: 06-10-23

Your Ref. No. G3/UON-RE/384 Dated: 08-09-23

Test Specification
(BS 3921**)

COMPRESSION TEST REPORT

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

Specimens received on: 22/9/2023 Tested on: 06-10-23 in dry/wet condition

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	AS	---	---	---	8.6 x 4.2 x 2.6	---	2385	36.12	27	1674	---	---
2	AS	---	---	---	8.7 x 4.2 x 2.8	---	2490	36.54	26	1594	---	---
3	AS	---	---	---	8.5 x 4.1 x 2.7	---	2445	34.85	36	2314	---	---
4	AS	---	---	---	8.5 x 4.2 x 2.7	---	2440	35.7	36	2259	---	---
5	AS	---	---	---	8.7 x 4.2 x 2.8	---	2480	36.54	30	1839	---	---
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
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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**

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.

5979
Dr. M. Yousaf

To: Mr. Umair Badar
Site Incharge, Haroon Malik & Co.

Project: Construction of House No. 45 M A/3 Gulberg-III, Lahore

Our Ref. No. CL/CED/ 3105 **Dated:** 06-10-23

Your Ref. No. TRM/Shahzad/004 **Dated:** 27/9/2023

Test Specification
(BS 3921**)

COMPRESSION TEST REPORT

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

Specimens received on: 27/9/2023 **Tested on:** 06-10-23 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	ZB	---	---	---	8.6 x 4.2 x 3.1	---	3390	36.12	40	2481	---	---
2	ZB	---	---	---	8.5 x 4.2 x 3	---	3235	35.7	36	2259	---	---
3	ZB	---	---	---	8.5 x 4.2 x 3	---	3310	35.7	43	2698	---	---
4	ZB	---	---	---	8.6 x 4.2 x 3.1	---	3320	36.12	46	2853	---	---
5	ZB	---	---	---	8.8 x 4.3 x 3	---	3435	37.84	46	2723	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
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 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.

6021
Dr. M. Yousaf

To: Mr. Muhammad Shafiq
Assistant Resident Engineer, 16 City of Project Package # III (Kamalia)

Project: Rehabilitation of Road with Tuff Pavers in Kamalia (Package III PCP) R2-DARS'S Ghousia to Garagai Shah Via Bhain Main Gate Fazil Dewaan Park City.

Our Ref. No. CL/CED/ 3106 Dated: 06-10-23 Test Specification

Your Ref. No. KM/PKG03/23 Dated: 04-10-23 (----)

COMPRESSION TEST REPORT

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

Specimens received on: 5/10/2023 Tested on: 06-10-23 in dry/wet condition

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	Uni-Block, Grey, 80mm	---	---	---	3.1 thick	---	4665	37.44	146	8735	---	---
2	Uni-Block, Grey, 80mm	---	---	---	3.1 thick	---	4585	37.44	168	10051	---	---
3	Uni-Block, Grey, 80mm	---	---	---	3.1 thick	---	4560	37.44	154	9214	---	---
4	Uni-Block, Grey, 80mm	---	---	---	3.1 thick	---	4740	37.44	129	7718	---	---
5	Uni-Block, Grey, 80mm	---	---	---	3.1 thick	---	4760	37.44	105	6282	---	---
6	Uni-Block, Grey, 80mm	---	---	---	3.1 thick	---	4615	37.44	164	9812	---	---
7	Uni-Block, Red, 80mm	---	---	---	3.1 thick	---	4595	37.44	125	7479	---	---
8	Uni-Block, Red, 80mm	---	---	---	3.1 thick	---	4560	37.44	123	7359	---	---
9	Uni-Block, Red, 80mm	---	---	---	3.1 thick	---	4535	37.44	133	7957	---	---
10	Uni-Block, Red, 80mm	---	---	---	3.1 thick	---	4620	37.44	131	7838	---	---
11	Uni-Block, Red, 80mm	---	---	---	3.1 thick	---	4495	37.44	156	9333	---	---
12	Uni-Block, Red, 80mm	---	---	---	3.1 thick	---	4520	37.44	113	6761	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Mr. Umar Nawaz Khan CNIC 37405-5128525-9, Mr. Muhammad Shafiq CNIC 36304-2378145-9

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
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5916
Dr. M. Yousaf

To: Mr. Muhammad Shafiq
Resident Engineer, Construction Management Division, NESPAK (Pvt) Ltd

Project: Construction of Fatima Jinnah Institute of Dental Sciences, Lahore. Balance Works of Construction Teaching College/ Academic Block, Boys and Girls Hostel & Miscellaneous Work (Group No. 02)

Our Ref. No. CL/CED/ 3107-1 of 3 Dated: 06-10-23 Test Specification

Your Ref. No. 3016/13/MS/02/96 Dated: 31/8/2023 (----)

COMPRESSION TEST REPORT

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

Specimens received on: 15/9/2023 Tested on: 06-10-23 in dry/wet condition

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	Kerb Stone	---	---	---	6 x 6 x 5.9	---	7.9	36	80	4978	---	Cut Cube
2	Kerb Stone	---	---	---	6 x 6 x 5.9	---	8	36	72	4480	---	Cut Cube
3	Kerb Stone	---	---	---	6 x 6 x 6	---	8	36	75	4667	---	Cut Cube
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
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 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
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5916
Dr. M. Yousaf

To: Mr. Muhammad Shafiq
Resident Engineer, Construction Management Division, NESPAK (Pvt) Ltd

Project: Construction of Fatima Jinnah Institute of Dental Sciences, Lahore. Balance Works of Construction Teaching College/ Academic Block, Boys and Girls Hostel & Miscellaneous Work (Group No. 02)

Our Ref. No. CL/CED/ 3107-2 of 3 Dated: 06-10-23 Test Specification

Your Ref. No. 3016/13/MS/02/96 Dated: 31/8/2023 (----)

COMPRESSION TEST REPORT

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

Specimens received on: 15/9/2023 Tested on: 06-10-23 in dry/wet condition

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3830	29.64	109	8238	---	---
2	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3780	29.64	112	8464	---	---
3	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3750	29.64	101	7633	---	---
4	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3865	29.64	118	8918	---	---
5	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3735	29.64	95	7179	---	---
6	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3740	29.64	108	8162	---	---
7	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3770	29.64	128	9673	---	---
8	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3795	29.64	90	6802	---	---
9	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3845	29.64	120	9069	---	---
10	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3860	29.64	109	8238	---	---
11	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3845	29.64	110	8313	---	---
12	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3775	29.64	112	8464	---	---
13	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3805	29.64	110	8313	---	---
14	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3795	29.64	130	9825	---	---
15	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3810	29.64	130	9825	---	---
16	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3750	29.64	118	8918	---	---

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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Our Ref. No. CL/CED/ 3107-3 of 3 Dated: 06-10-23 Test Specification

Your Ref. No. 3016/13/MS/02/96 Dated: 31/8/2023 (----)

COMPRESSION TEST REPORT

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

Specimens received on: 15/9/2023 Tested on: 06-10-23 in dry/wet condition

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.8 x 2.3	---	2665	29.64	118	8918	---	---
2	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.8 x 2.3	---	2695	29.64	108	8162	---	---
3	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.8 x 2.3	---	2715	29.64	112	8464	---	---
4	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.8 x 2.3	---	2715	29.64	119	8993	---	---
5	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.8 x 2.3	---	2785	29.64	119	8993	---	---
6	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.8 x 2.3	---	2770	29.64	117	8842	---	---
7	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.8 x 2.3	---	2760	29.64	112	8464	---	---
8	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.8 x 2.3	---	2690	29.64	128	9673	---	---
9	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.8 x 2.3	---	2810	29.64	136	10278	---	---
10	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.8 x 2.3	---	2735	29.64	122	9220	---	---
11	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.8 x 2.3	---	2810	29.64	122	9220	---	---
12	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.8 x 2.3	---	2735	29.64	121	9144	---	---
13	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.8 x 2.3	---	2735	29.64	116	8767	---	---
14	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.8 x 2.3	---	2750	29.64	136	10278	---	---
15	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.8 x 2.3	---	2750	29.64	120	9069	---	---
16	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.8 x 2.3	---	2785	29.64	126	9522	---	---

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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