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.

6229
Dr. M. Yousaf

To: PRO-CON
New Airport Road, Lahore Cantt.

Project: Nil

Our Ref. No. CL/CED/ 3456 **Dated:** 15-11-23

Your Ref. No. Nil **Dated:** 14-11-23

Test Specification (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 14-11-23 **Tested on:** 14-11-23 **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	(3000 Psi)	6	11	2023	6Diax12	---	13.6	28.28	32	2535	---	Engraved
2	(3000 Psi)	6	11	2023	6Diax12	---	14.2	28.28	41	3248	---	Engraved
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Witnessed by: Mr. M. Shahid, CNIC 35202-7701085-7

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

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

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

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

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

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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.

6236
Dr. Umbreen

To: Mr. Jawad Ali Khan
Project Manager, 7 Canal Developers.

Project: 7 Canal Residential Apartment Buildings

Our Ref. No. CL/CED/ 3457 **Dated:** 15-11-23

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: 14-11-23 **Tested on:** 14-11-23 **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	A	26	10	2023	6Diax12	---	14	28.28	50	3960	---	Non Engraved
2	#1	1	11	2023	6Diax12	---	14	28.28	36	2851	---	Non Engraved
3	#2	1	11	2023	6Diax12	---	14	28.28	51	4040	---	Non Engraved
4	#3	1	11	2023	6Diax12	---	14.2	28.28	74	5861	---	Non Engraved
5	#4	1	11	2023	6Diax12	---	14.4	28.28	54	4277	---	Non Engraved
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Witnessed by: Mr. Shabbir Hussain, CNIC 35202-3165814-3

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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6230
Dr. M. Yousaf

To: Engr. Major Zia-ul-Islam (R)
Project Director, GCC, Lahore. (Overseas Construction Co. Pvt. Ltd.)

Project: Gulberg City Centre.

Our Ref. No. CL/CED/ 3458 Dated: 15-11-23

Your Ref. No. OCC/CPD/29/190 Dated: 14-11-23

Test Specification (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 14-11-23 Tested on: 14-11-23 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	Column (6000 Psi)	11	9	2023	6Diax12	---	14.2	28.28	70	5545	---	Non Engraved
2	Column (6000 Psi)	11	9	2023	6Diax12	---	14.4	28.28	90	7129	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Nil

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

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

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

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

Supervisor (Lab) Director/Dy. Director Concrete Laboratory

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6230
Dr. M. Yousaf

To: Engr. Major Zia-ul-Islam (R)
Project Director, GCC, Lahore. (Overseas Construction Co. Pvt. Ltd.)

Project: Gulberg City Centre.

Our Ref. No. CL/CED/ 3459 Dated: 15-11-23

Your Ref. No. OCC/CPD/29/191 Dated: 14-11-23

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 14-11-23 Tested on: 14-11-23 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	Column (6000 Psi)	16	9	2023	6Diax12	---	14.2	28.28	64	5069	---	Non Engraved
2	Column (6000 Psi)	16	9	2023	6Diax12	---	14.8	28.28	79	6257	---	Non Engraved
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Witnessed by: Nil

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

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

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

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

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6230
Dr. M. Yousaf

To: Engr. Major Zia-ul-Islam (R)
Project Director, GCC, Lahore. (Overseas Construction Co. Pvt. Ltd.)

Project: Gulberg City Centre.

Our Ref. No. CL/CED/ 3460 Dated: 15-11-23 Test Specification

Your Ref. No. OCC/CPD/30/193 Dated: 14-11-23 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 14-11-23 Tested on: 14-11-23 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	(6000 Psi)	15	10	2023	6Diax12	---	14	28.28	78	6178	---	Non Engraved
2	(6000 Psi)	15	10	2023	6Diax12	---	14.4	28.28	97	7683	---	Non Engraved
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Witnessed by: Nil

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

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

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6230
Dr. M. Yousaf

To: Engr. Major Zia-ul-Islam (R)
Project Director, GCC, Lahore. (Overseas Construction Co. Pvt. Ltd.)

Project: Gulberg City Centre.

Our Ref. No. CL/CED/ 3461 Dated: 15-11-23

Your Ref. No. OCC/CPD/29/192 Dated: 14-11-23

Test Specification (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 14-11-23 Tested on: 14-11-23 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	Column (6000 Psi)	12	10	2023	6Diax12	---	14.2	28.28	112	8871	---	Non Engraved
2	Column (6000 Psi)	12	10	2023	6Diax12	---	14	28.28	107	8475	---	Non Engraved
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Witnessed by: Nil

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

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2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
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Note: Above results pertain to the unsealed samples supplied to the laboratory

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Dr. M. Yousaf

To: Engr. Major Zia-ul-Islam (R)
Project Director, GCC, Lahore. (Overseas Construction Co. Pvt. Ltd.)

Project: Gulberg City Centre.

Our Ref. No. CL/CED/ 3462 Dated: 15-11-23 Test Specification

Your Ref. No. OCC/CPD/30/195 Dated: 14-11-23 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 14-11-23 Tested on: 14-11-23 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	Shear Wall (6000 Psi)	7	11	2023	6Diax12	---	14	28.28	109	8634	---	Non Engraved
2	Shear Wall (6000 Psi)	7	11	2023	6Diax12	---	14	28.28	85	6733	---	Non Engraved
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Witnessed by: Nil

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

1. * as engraved on the specimens (if any)
2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
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Note: Above results pertain to the unsealed samples supplied to the laboratory

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

6241
Dr. M. Yousaf

To: Mr. Shahzad Khaleeq Awan
Sr. Manager Projects, Izhar Construction (Pvt) Ltd.

Project: Construction of 36.5 MW CFPP Plant at Mughal Steel Sheikhupura.

Our Ref. No. CL/CED/ 3463 **Dated: 15-11-23** **Test Specification**

Your Ref. No. 0682/ICPL/15/11/2023/T-003 **Dated: 15-11-23** **(BS 1881-116)**

COMPRESSION TEST REPORT

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

Specimens received on: 15-11-23 **Tested on:** 15-11-23 **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	Trial No.1 (3750 Psi)	8	11	2023	6x6x6	---	8.8	36	56	3484	---	Non Engraved
2	Trial No.1 (3750 Psi)	8	11	2023	6x6x6	---	9.2	36	56	3484	---	Non Engraved
3	Trial No.1 (3750 Psi)	8	11	2023	6x6x6	---	9	36	56	3484	---	Non Engraved
4	Trial No.2 (3750 Psi)	8	11	2023	6x6x6	---	9	36	62	3858	---	Non Engraved
5	Trial No.2 (3750 Psi)	8	11	2023	6x6x6	---	9	36	60	3733	---	Non Engraved
6	Trial No.2 (3750 Psi)	8	11	2023	6x6x6	---	9.2	36	61	3796	---	Non Engraved
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Witnessed by: Nil

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

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

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

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

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

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

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

6213
Dr. Ubaid

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

Project: Retrofitting of Dyeing-1

Our Ref. No. CL/CED/ 3464 **Dated:** 15-11-23

Your Ref. No. Az/Pro/004 **Dated:** 04-11-23

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 08-11-23 **Tested on:** 15-11-23 **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	Grid-1/ Line-C (Column)	28	9	2023	6Diax12	---	14	28.28	32	2535	---	Non Engraved
2	Grid-1/ Line-C (Column)	28	9	2023	6Diax12	---	14.2	28.28	34	2693	---	Non Engraved
3	Grid-1/ Line-C (Column)	28	9	2023	6Diax12	---	14	28.28	36	2851	---	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**

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.

6231
Dr. M. Yousaf

To: Engr. Hamza
Site Engineer, Architects InDesign

Project: Commercial Building Plan - Plot No. 07, Block Q, Gulberg-II, Lahore. (Total No. of Floors = 14, Height of the Building = +170)

Our Ref. No. CL/CED/ 3465 **Dated:** 16/11/2023 **Test Specification**

Your Ref. No. Nil **Dated:** 14/11/2023 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 14/11/2023 **Tested on:** 16/11/2023 **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	---	16	10	2023	6Diax12	---	13.4	28.28	54	4277	---	Non Engraved
2	---	16	10	2023	6Diax12	---	13.8	28.28	47	3723	---	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.

6211
Dr. M. Yousaf

To: Sub Divisional Officer
Buildings Sub Division No. 15, Lahore.

Project: Construction of Bachelor Accommodation and Judicial Rest House at Dharampura District, Lahore (Ground Floor of Columns Family Block)

Our Ref. No. CL/CED/ 3466 Dated: 15-11-23

Your Ref. No. No. 3957 Dated: 07-11-23

Test Specification (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 07-11-23 Tested on: 15/11/2023 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	5000 Psi	10	4	2023	6Diax12	---	15	28.28	85	6733	---	Non Engraved
2	5000 Psi	10	4	2023	6Diax12	---	14	28.28	84	6653	---	Non Engraved
3	5000 Psi	10	4	2023	6Diax12	---	14	28.28	73	5782	---	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**

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.

6211
Dr. M. Yousaf

To: Sub Divisional Officer
Buildings Sub Division No. 15, Lahore

Project: Construction of Bachelor Accommodation and Judicial Rest House at Dharampura District, Lahore (Columns of Six Floor Family Block)

Our Ref. No. CL/CED/ 3467 **Dated: 15/11/2023** **Test Specification**

Your Ref. No. No. 3955 **Dated: 07-11-23** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 07-11-23 **Tested on:** 15/11/2023 **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	5000 Psi	22	7	2023	6Diax12	---	14	28.28	80	6337	---	Non Engraved
2	5000 Psi	22	7	2023	6Diax12	---	14	28.28	68	5386	---	Non Engraved
3	5000 Psi	22	7	2023	6Diax12	---	13	28.28	40	3168	---	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**

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.

6211
Dr. M. Yousaf

To: Sub Divisional Officer
Buildings Sub Division No. 15, Lahore

Project: Construction of Bachelor Accommodation and Judicial Rest House at Dharampura District, Lahore (Slab of First Floor Bachelor Block)

Our Ref. No. CL/CED/ 3468 **Dated: 15/11/2023** **Test Specification**

Your Ref. No. No. 3952 **Dated: 07-11-23** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 07-11-23 **Tested on:** 15/11/2023 **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	4	8	2023	6Diax12	---	13.8	28.28	58	4594	---	Non Engraved
2	3000 Psi	4	8	2023	6Diax12	---	13.4	28.28	82	6495	---	Non Engraved
3	3000 Psi	4	8	2023	6Diax12	---	14	28.28	82	6495	---	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**

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.

6211
Dr. M. Yousaf

To: Sub Divisional Officer
Buildings Sub Division No. 15, Lahore

Project: Construction of Bachelor Accommodation and Judicial Rest House at Dharampura District, Lahore (Slab of Fifth Floor Family Block)

Our Ref. No. CL/CED/ 3469 **Dated: 15/11/2023** **Test Specification**

Your Ref. No. No. 3950 **Dated: 07-11-23** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 07-11-23 **Tested on:** 15/11/2023 **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	14	7	2023	6Diax12	---	14	28.28	60	4752	---	Non Engraved
2	3000 Psi	14	7	2023	6Diax12	---	13.8	28.28	60	4752	---	Non Engraved
3	3000 Psi	14	7	2023	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.

6211
Dr. M. Yousaf

To: **Sub Divisional Officer**
Buildings Sub Division No. 15, Lahore

Project: Construction of Bachelor Accommodation and Judicial Rest House at Dharampura District, Lahore (Columns of Nine Floor Family Block)

Our Ref. No. CL/CED/ 3470 **Dated: 15/11/2023** **Test Specification**

Your Ref. No. No. 3960 **Dated: 07-11-23** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 07-11-23 **Tested on:** 15/11/2023 **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	5000 Psi	8	9	2023	6Diax12	---	14	28.28	107	8475	---	Non Engraved
2	5000 Psi	8	9	2023	6Diax12	---	13.6	28.28	88	6970	---	Non Engraved
3	5000 Psi	8	9	2023	6Diax12	---	14	28.28	80	6337	---	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.

6217
Dr. Ubaid

To: **Assistant Engineer (Civil)**
Building and Works Department, University of Engineering and Technology Lahore

Project: Construction of Upper Floor of Existing Building of the Department of Computer Science, Main Campus UET Lahore.

Our Ref. No. CL/CED/ 3471 **Dated: 15-11-23**

Your Ref. No. B&W/ECSCE/18 **Dated: 08-11-23**

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 8/11/2023 **Tested on:** 15/11/2023 **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	(1:1.5:3)	10	10	2023	6Diax12	---	13.8	28.28	41	3248	---	Engraved
2	(1:1.5:3)	10	10	2023	6Diax12	---	13.8	28.28	40	3168	---	Engraved
3	(1:1.5:3)	10	10	2023	6Diax12	---	14	28.28	37	2931	---	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.

6215
Dr. Ubaid

To: Meezan Developers, Concept to Creation
Main Boulevard Jubilee Town, Lahore.

Project: Construction of Jamia tur Rasheed Lahore Campus.

Our Ref. No. CL/CED/ 3472 **Dated: 15/11/2023** **Test Specification**

Your Ref. No. Nil **Dated: 08-11-23** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 8/11/2023 Tested on: 15/11/2023 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	S-3 + S+3	9	10	2023	6Diax12	---	13.4	28.28	50	3960	---	Engraved
2	S-3 + S+3	9	10	2023	6Diax12	---	14	28.28	42	3327	---	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.

6220
Dr. Ubaid

To: **Material 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/ 3473 **Dated: 15/11/2023** **Test Specification**

Your Ref. No. ESC/OPF-ISL/6051 **Dated: 08-11-23** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 8/11/2023 **Tested on:** 15/11/2023 **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	---	9	10	2023	6Diax12	---	13	28.28	95	7525	---	Non Engraved
2	---	9	10	2023	6Diax12	---	13.2	28.28	66	5228	---	Non Engraved
3	---	9	10	2023	6Diax12	---	13.2	28.28	82	6495	---	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.

6220
Dr. Ubaid

To: **Material 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/ 3474 **Dated: 15/11/2023** **Test Specification**

Your Ref. No. ESC/OPF-ISL/6053 **Dated: 08-11-23** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 8/11/2023 **Tested on:** 15/11/2023 **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	10	2023	6Diax12	---	13	28.28	77	6099	---	Non Engraved
2	---	11	10	2023	6Diax12	---	13	28.28	86	6812	---	Non Engraved
3	---	11	10	2023	6Diax12	---	13	28.28	69	5465	---	Non Engraved
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.

6220
Dr. Ubaid

To: **Material 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/ 3475 **Dated: 15/11/2023** **Test Specification**

Your Ref. No. ESC/OPF-ISL/6052 **Dated: 08-11-23** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 8/11/2023 **Tested on:** 15/11/2023 **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	---	10	10	2023	6Diax12	---	13.4	28.28	81	6416	---	Non Engraved
2	---	10	10	2023	6Diax12	---	13.4	28.28	79	6257	---	Non Engraved
3	---	10	10	2023	6Diax12	---	13.4	28.28	69	5465	---	Non Engraved
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.

6232
Dr. M. Yousaf

To: Engr. Mr. Muhammad Jamil,
SAM Project, Azgard Nine Limited

Project: Rehabilitation of Dryer Hall Azgard9 Limited.

Our Ref. No. CL/CED/ 3476 **Dated: 15/11/2023** **Test Specification**

Your Ref. No. Az/Pro/005 **Dated: 13/11/2023** **(BS 1881-116)**

COMPRESSION TEST REPORT

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

Specimens received on: 14/11/2023 **Tested on:** 15/11/2023 **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	Grid 12-13/Line B (Column)	4	9	2023	6x6x6	---	9	36	120	7467	---	Engraved
2	Grid 12-13/Line B (Column)	4	9	2023	6x6x6	---	9.2	36	111	6907	---	Engraved
3	Grid 12-13/Line B (Column)	4	9	2023	6x6x6	---	9	36	125	7778	---	Engraved
4	Grid 1 Line B (Foundation)	16	10	2023	6x6x6	---	9	36	90	5600	---	Engraved
5	Grid 1 Line B (Foundation)	16	10	2023	6x6x6	---	9.2	36	105	6533	---	Engraved
6	Grid 1 Line B (Foundation)	16	10	2023	6x6x6	---	9.2	36	91	5662	---	Engraved
7	Grid 1-3 Line A (Plinth Beam)	24	10	2023	6x6x6	---	8.8	36	38	2364	---	Engraved
8	Grid 1-3 Line A (Plinth Beam)	24	10	2023	6x6x6	---	9	36	34	2116	---	Engraved
9	Grid 1-3 Line A (Plinth Beam)	24	10	2023	6x6x6	---	9	36	38	2364	---	Engraved
10	---	---	---	---	---	---	---	---	---	---	---	---
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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.

6232
Dr. M. Yousaf

To: Engr. Mr. Muhammad Jamil,
SAM Project, Azgard Nine Limited

Project: Rehabilitation of Resin Hall Azgard9 Limited

Our Ref. No. CL/CED/ 3477 **Dated: 15/11/2023** **Test Specification**

Your Ref. No. Az/Pro/006 **Dated: 13/11/2023** **(BS 1881-116)**

COMPRESSION TEST REPORT

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

Specimens received on: 14/11/2023 **Tested on:** 15/11/2023 **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	Grid 5, Line J (Column)	14	9	2023	6x6x6	---	8.6	36	68	4231	---	Engraved
2	Grid 5, Line J (Column)	14	9	2023	6x6x6	---	9	36	66	4107	---	Engraved
3	Grid 5, Line J (Column)	14	9	2023	6x6x6	---	9	36	66	4107	---	Engraved
4	Grid 5-7 (Foundation)	26	10	2023	6x6x6	---	9	36	44	2738	---	Engraved
5	Grid 5-7 (Foundation)	26	10	2023	6x6x6	---	9.2	36	43	2676	---	Engraved
6	Grid 5-7 (Foundation)	26	10	2023	6x6x6	---	8.8	36	40	2489	---	Engraved
7		---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
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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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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.

6219
Dr. M. Yousaf

To: **CW Manager**
ARCON, Office # 703, 7th Floor, Khudadad Heights, E-11, Islamabad

Project: Raft, Column, DG & Solar

Our Ref. No. CL/CED/ 3478 **Dated: 15/11/2023** **Test Specification**

Your Ref. No. Nil **Dated: Nil** **(BS 1881-116)**

COMPRESSION TEST REPORT

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

Specimens received on: 8/11/2023 Tested on: 15/11/2023 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	N-3468 (1:1.5:3 & 1:4:8)	19	9	2023	6x6x6	---	8.8	36	97	6036	---	Non Engraved
2	N-3468 (1:1.5:3 & 1:4:8)	19	9	2023	6x6x6	---	9	36	114	7093	---	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
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.

6219
Dr. M. Yousaf

To: **CW Manager**
ARCON, Office # 703, 7th Floor, Khudadad Heights, E-11, Islamabad

Project: Raft, Column, DG & Solar

Our Ref. No. CL/CED/ 3479 **Dated: 15/11/2023** **Test Specification**

Your Ref. No. Nil **Dated: Nil** **(BS 1881-116)**

COMPRESSION TEST REPORT

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

Specimens received on: 8/11/2023 Tested on: 15/11/2023 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	N-3321 (1:1.5:3 & 1:4:8)	17	9	2023	6x6x6	---	8.6	36	105	6533	---	Non Engraved
2	N-3321 (1:1.5:3 & 1:4:8)	17	9	2023	6x6x6	---	8.4	36	76	4729	---	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)
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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.

6219
Dr. M. Yousaf

To: **CW Manager**
ARCON, Office # 703, 7th Floor, Khudadad Heights, E-11, Islamabad

Project: Raft, Column & DG

Our Ref. No. CL/CED/ 3480 **Dated: 15/11/2023** **Test Specification**

Your Ref. No. Nil **Dated: Nil** **(BS 1881-116)**

COMPRESSION TEST REPORT

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

Specimens received on: 8/11/2023 Tested on: 15/11/2023 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	53696 (1:1.5:3 & 1:4:8)	12	9	2023	6x6x6	---	8.8	36	138	8587	---	Non Engraved
2	53696 (1:1.5:3 & 1:4:8)	12	9	2023	6x6x6	---	8.6	36	128	7964	---	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**

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.

6219
Dr. M. Yousaf

To: **CW Manager**
ARCON, Office # 703, 7th Floor, Khudadad Heights, E-11, Islamabad

Project: Raft, Column, DG & Solar

Our Ref. No. CL/CED/ 3481 **Dated: 15/11/2023** **Test Specification**

Your Ref. No. Nil **Dated: Nil** **(BS 1881-116)**

COMPRESSION TEST REPORT

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

Specimens received on: 8/11/2023 Tested on: 15/11/2023 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	N-3417 (1:1.5:3 & 1:4:8)	29	9	2023	6x6x6	---	8.8	36	60	3733	---	Non Engraved
2	N-3417 (1:1.5:3 & 1:4:8)	29	9	2023	6x6x6	---	8.6	36	98	6098	---	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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Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

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6219
Dr. M. Yousaf

To: CW Manager
ARCON, Office # 703, 7th Floor, Khudadad Heights, E-11, Islamabad

Project: Raft, Column, DG & Solar

Our Ref. No. CL/CED/ 3482 Dated: 15/11/2023

Your Ref. No. Nil Dated: Nil

Test Specification
(BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 8/11/2023 Tested on: 15/11/2023 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	N-3194 (1:1.5:3 & 1:4:8)	24	9	2023	6x6x6	---	9	36	124	7716	---	Non Engraved
2	N-3194 (1:1.5:3 & 1:4:8)	24	9	2023	6x6x6	---	8.4	36	98	6098	---	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)
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Supervisor (Lab) **Director/Dy. Director Concrete Laboratory**

Plain and Reinforced Concrete Laboratory
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Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

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6219
Dr. M. Yousaf

To: **CW Manager**
ARCON, Office # 703, 7th Floor, Khudadad Heights, E-11, Islamabad

Project: Raft, Column, DG & Solar

Our Ref. No. CL/CED/ 3483 **Dated: 15/11/2023** **Test Specification**

Your Ref. No. Nil **Dated: Nil** **(BS 1881-116)**

COMPRESSION TEST REPORT

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

Specimens received on: 8/11/2023 **Tested on:** 15/11/2023 **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	N-3459 (1:1.5:3 & 1:4:8)	28	9	2023	6x6x6	---	9	36	76	4729	---	Non Engraved
2	N-3459 (1:1.5:3 & 1:4:8)	28	9	2023	6x6x6	---	9	36	105	6533	---	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)
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Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

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6219
Dr. M. Yousaf

To: **CW Manager**
ARCON, Office # 703, 7th Floor, Khudadad Heights, E-11, Islamabad

Project: Raft, Column, DG & Solar

Our Ref. No. CL/CED/ 3484 **Dated: 15/11/2023** **Test Specification**

Your Ref. No. Nil **Dated: Nil** **(BS 1881-116)**

COMPRESSION TEST REPORT

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

Specimens received on: 8/11/2023 Tested on: 15/11/2023 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	N-3465 (1:1.5:3 & 1:4:8)	29	9	2023	6x6x6	---	8.8	36	115	7156	---	Non Engraved
2	N-3465 (1:1.5:3 & 1:4:8)	29	9	2023	6x6x6	---	8.6	36	116	7218	---	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
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Note: Above results pertain to the unsealed samples supplied to the laboratory

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Dr. M. Yousaf

To: **CW Manager**
ARCON, Office # 703, 7th Floor, Khudadad Heights, E-11, Islamabad

Project: Raft, Column, DG & Solar

Our Ref. No. CL/CED/ 3485 **Dated: 15/11/2023** **Test Specification**

Your Ref. No. Nil **Dated: Nil** **(BS 1881-116)**

COMPRESSION TEST REPORT

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

Specimens received on: 8/11/2023 **Tested on:** 15/11/2023 **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	N-3470 (1:1.5:3 & 1:4:8)	28	9	2023	6x6x6	---	9.2	36	115	7156	---	Non Engraved
2	N-3470 (1:1.5:3 & 1:4:8)	28	9	2023	6x6x6	---	8.6	36	95	5911	---	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
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6219
Dr. M. Yousaf

To: **CW Manager**
ARCON, Office # 703, 7th Floor, Khudadad Heights, E-11, Islamabad

Project: Raft, Column, DG & Solar

Our Ref. No. CL/CED/ 3486 **Dated: 15/11/2023** **Test Specification**

Your Ref. No. Nil **Dated: Nil** **(BS 1881-116)**

COMPRESSION TEST REPORT

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

Specimens received on: 8/11/2023 Tested on: 15/11/2023 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	N-3461 (1:1.5:3 & 1:4:8)	30	9	2023	6x6x6	---	8.4	36	115	7156	---	Non Engraved
2	N-3461 (1:1.5:3 & 1:4:8)	30	9	2023	6x6x6	---	8.4	36	130	8089	---	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
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6219
Dr. M. Yousaf

To: **CW Manager**
ARCON, Office # 703, 7th Floor, Khudadad Heights, E-11, Islamabad

Project: Raft, Column, DG & Solar

Our Ref. No. CL/CED/ 3487 **Dated: 15/11/2023** **Test Specification**

Your Ref. No. Nil **Dated: Nil** **(BS 1881-116)**

COMPRESSION TEST REPORT

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

Specimens received on: 8/11/2023 **Tested on:** 15/11/2023 **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	N-3460 (1:1.5:3 & 1:4:8)	3	10	2023	6x6x6	---	8.4	36	82	5102	---	Non Engraved
2	N-3460 (1:1.5:3 & 1:4:8)	3	10	2023	6x6x6	---	8.6	36	108	6720	---	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**

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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6219
Dr. M. Yousaf

To: CW Manager
ARCON, Office # 703, 7th Floor, Khudadad Heights, E-11, Islamabad

Project: Raft, Column, DG & Solar

Our Ref. No. CL/CED/ 3488 **Dated:** 15/11/2023

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

Test Specification
(BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 8/11/2023 **Tested on:** 15/11/2023 **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	N-3387 (1:1.5:3 & 1:4:8)	4	10	2023	6x6x6	---	8.8	36	120	7467	---	Non Engraved
2	N-3387 (1:1.5:3 & 1:4:8)	4	10	2023	6x6x6	---	8.8	36	87	5413	---	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**

Plain and Reinforced Concrete Laboratory
Civil Engineering Department
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Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

ORIGINAL
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6219
Dr. M. Yousaf

To: **CW Manager**
ARCON, Office # 703, 7th Floor, Khudadad Heights, E-11, Islamabad

Project: Raft, Column, DG & Solar

Our Ref. No. CL/CED/ 3489 **Dated: 15/11/2023** **Test Specification**

Your Ref. No. Nil **Dated: Nil** **(BS 1881-116)**

COMPRESSION TEST REPORT

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

Specimens received on: 8/11/2023 Tested on: 15/11/2023 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	N-3463 (1:1.5:3 & 1:4:8)	7	10	2023	6x6x6	---	8.6	36	100	6222	---	Non Engraved
2	N-3463 (1:1.5:3 & 1:4:8)	7	10	2023	6x6x6	---	8.8	36	109	6782	---	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.

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Dr. M. Yousaf

To: **CW Manager**
ARCON, Office # 703, 7th Floor, Khudadad Heights, E-11, Islamabad

Project: Raft, Column, DG & Solar

Our Ref. No. CL/CED/ 3490 **Dated: 15/11/2023** **Test Specification**

Your Ref. No. Nil **Dated: Nil** **(BS 1881-116)**

COMPRESSION TEST REPORT

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

Specimens received on: 8/11/2023 **Tested on:** 15/11/2023 **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	N-3147 (1:1.5:3 & 1:4:8)	6	10	2023	6x6x6	---	8	36	110	6844	---	Non Engraved
2	N-3147 (1:1.5:3 & 1:4:8)	6	10	2023	6x6x6	---	9	36	112	6969	---	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)
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Dr. M. Yousaf

To: **CW Manager**
ARCON, Office # 703, 7th Floor, Khudadad Heights, E-11, Islamabad

Project: Raft, Column, DG & Solar

Our Ref. No. CL/CED/ 3491 **Dated: 15/11/2023** **Test Specification**

Your Ref. No. Nil **Dated: Nil** **(BS 1881-116)**

COMPRESSION TEST REPORT

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

Specimens received on: 8/11/2023 Tested on: 15/11/2023 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	N-3123 (1:1.5:3 & 1:4:8)	7	10	2023	6x6x6	---	8.6	36	118	7342	---	Non Engraved
2	N-3123 (1:1.5:3 & 1:4:8)	7	10	2023	6x6x6	---	9	36	90	5600	---	Non Engraved
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Witnessed by:

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1. * as engraved on the specimens (if any)
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Dr. M. Yousaf

To: **CW Manager**
ARCON, Office # 703, 7th Floor, Khudadad Heights, E-11, Islamabad

Project: Raft & Column

Our Ref. No. CL/CED/ 3492 **Dated: 15/11/2023** **Test Specification**

Your Ref. No. Nil **Dated: Nil** **(BS 1881-116)**

COMPRESSION TEST REPORT

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

Specimens received on: 8/11/2023 Tested on: 15/11/2023 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	N-3414 (1:1.5:3 & 1:4:8)	13	10	2023	6x6x6	---	8	36	59	3671	---	Non Engraved
2	N-3414 (1:1.5:3 & 1:4:8)	13	10	2023	6x6x6	---	8.4	36	99	6160	---	Non Engraved
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Witnessed by:

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

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ORIGINAL
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6212
Dr. M. Yousaf

To: Mr. Asim Chiragh
Resident Engineer, Highways and Transportation Engineering Division, NESPAK (Pvt) Ltd.

Project: Widening / Improvement of Manga Raiwind Road, Length 18.00 KM (Working Length = 15.50-KM) District Lahore.

Our Ref. No. CL/CED/ 3493 Dated: 15/11/2023 Test Specification

Your Ref. No. 3811/103/ADP-23/AC/183 Dated: 03-11-23 (----)

COMPRESSION TEST REPORT

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

Specimens received on: 07-11-23 Tested on: 15/11/2023 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	---	8.2	36	86	5351	---	Cut Cube
2	Kerb Stone	---	---	---	6 x 6 x 5.9	---	8.4	36	34	2116	---	Cut Cube
3	Kerb Stone	---	---	---	6 x 5.9 x 5.9	---	8.4	35.4	52	3290	---	Cut Cube
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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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.

6205
Dr. M. Yousaf

To: **Mr. Muhammad Ijaz**
Resident Engineer, AZ Engineering Associates (AZEA) Mianwali

Project: Re-Construction / Construction / W/I of Road From Kalabagh to Kot Chandna Length 3.6 KM Tehsil Isakhel District Mianwali.

Our Ref. No. CL/CED/ 3494 **Dated: 15/11/2023** **Test Specification**

Your Ref. No. AZEA/MWL/City/LAB/23/0132 **Dated: 17/10/2023** **(----)**

COMPRESSION TEST REPORT

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

Specimens received on: 07-11-23 **Tested on:** 15/11/2023 **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 3.9 x 3.2	---	3780	30.42	108	7953	---	---
2	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3	---	3550	29.64	95	7179	---	---
3	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.9 x 3.1	---	3585	30.42	111	8174	---	---
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.

6118
Dr. M. Yousaf

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

Project: Infrastructure Development at Chahar Bagh Under Ravi RiverFront Urban Development Project.

Our Ref. No. CL/CED/ 3495 Dated: 15/11/2023

Your Ref. No. 4559/13/MAA/09/223 Dated: 23/10/2023

Test Specification
(BS 3921**)

COMPRESSION TEST REPORT

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

Specimens received on: 03-11-23 Tested on: 15/11/2023 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	ABC	---	---	---	8.9 x 4.2 x 3	3895	3390	37.38	48	2876	14.9	---
2	ABC	---	---	---	9 x 4.2 x 2.9	3710	3205	37.8	49	2904	15.76	---
3	ABC	---	---	---	8.9 x 4.2 x 3	3920	3440	37.38	46	2757	13.95	---
4	ABC	---	---	---	8.9 x 4.3 x 3	3885	3400	38.27	48	2810	14.26	---
5	ABC	---	---	---	8.9 x 4.2 x 2.9	3825	3315	37.38	46	2757	15.38	---
6	ABC	---	---	---	9 x 4.1 x 2.9	3600	3240	36.9	48	2914	11.11	---
7	ABC	---	---	---	8.8 x 4.2 x 2.8	3710	3235	36.96	48	2909	14.68	---
8	ABC	---	---	---	8.8 x 4.2 x 2.8	3515	3175	36.96	50	3030	10.71	---
9	ABC	---	---	---	8.8 x 4.2 x 2.9	3580	3225	36.96	50	3030	11.01	---
10	ABC	---	---	---	8.9 x 4.3 x 2.9	3790	3345	38.27	43	2517	13.3	---
11	ABC	---	---	---	8.9 x 4.3 x 2.8	3735	3240	38.27	50	2927	15.28	---
12	ABC	---	---	---	8.8 x 4.2 x 2.9	3695	3270	36.96	48	2909	13	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

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

Plain and Reinforced Concrete Laboratory
Civil Engineering Department
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Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

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

6207
Dr. M. Yousaf

To: Mr. Awais Butt
Z & A Builders, Allama Iqbal Town, Lahore.

Project: DHA LAHORE

Our Ref. No. CL/CED/ 3496 Dated: 15/11/2023 Test Specification

Your Ref. No. Nil Dated: 07-11-23 (----)

COMPRESSION TEST REPORT

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

Specimens received on: 07-11-23 Tested on: 15/11/2023 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	99	---	---	---	9 x 4.4 x 3	3625	3235	39.6	41	2319	12.06	---
2	99	---	---	---	9 x 4.5 x 3	3690	3280	40.5	40	2212	12.5	---
3	99	---	---	---	9 x 4.5 x 3	3710	3275	40.5	39	2157	13.28	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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