



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.

4218
 Dr. Usman Akmal

To: Engr. Hassan Mahmood (Resident Engineer)
 G3 Engineering Consultants (Pvt.) Ltd. Lahore

Project: Construction of DHA Newlife Residency Apartments at 273/1 Q Block Phase-II DHA, Lahore
 (Column, Shear Wall & Lift) M/s Ghousia Engineering & Construction Pvt. Ltd.

Our Ref. No. CL/CED/ 310

Dated: 11-11-22

Test Specification

Your Ref. No. G3/DHA-NLD/RE/115

Dated: 07-11-22

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: **10-11-22** Tested on: **11-11-22** in dry/wet condition

Sr. No.	Mark*	Casting Date*			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
		DD	MM	YYYY								
1	3rd to 4th Floor (5000 Psi)	11	10	2022	6Diax12	---	14	28.28	69	5465	---	Engraved
2	3rd to 4th Floor (5000 Psi)	11	10	2022	6Diax12	---	14	28.28	61	4832	---	Engraved
3	3rd to 4th Floor (5000 Psi)	11	10	2022	6Diax12	---	14.2	28.28	59	4673	---	Engraved
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Witnessed by: Nil

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

- * as engraved on the specimens (if any)
- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- **** 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

- The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
- 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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4218
 Dr. Usman Akmal

To: Engr. Hassan Mahmood (Resident Engineer)
 G3 Engineering Consultants (Pvt.) Ltd. Lahore

Project: Construction of DHA Newlife Residency Apartments at 273/1 Q Block Phase-II DHA, Lahore (Pour-4 Second Floor Roof Slab) M/s Ghousia Engineering & Construction Pvt. Ltd.

Our Ref. No. CL/CED/ 311

Dated: 11-11-22

Test Specification

Your Ref. No. G3/DHA-NLD/RE/116

Dated: 07-11-22

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 10-11-22 **Tested on:** 11-11-22 **in dry/wet condition**

Sr. No.	Mark*	Casting Date*			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
		DD	MM	YYYY								
1	(4000 Psi)	11	10	2022	6Diax12	---	13.8	28.28	83	6574	---	Engraved
2	(4000 Psi)	11	10	2022	6Diax12	---	14.4	28.28	79	6257	---	Engraved
3	(4000 Psi)	11	10	2022	6Diax12	---	13.8	28.28	79	6257	---	Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Nil

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

- * as engraved on the specimens (if any)
- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- **** 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

- 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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Director/Dy. Director Concrete Laboratory



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ORIGINAL
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4214
 Dr. Yousaf

To: Engr. Tayyab Rasool, Project Manager
 Renaissance International Pvt. Ltd. (Lahore Motorway City Project)
Project: Construction of Overhead Water Reservoir (Shaft, Pour # 10) at Block Trust Prime, Lahore Motorway City, Sheikhpura Road, Lahore. (100,000 Gallons Capacity).
Our Ref. No. CL/CED/ 312 **Dated:** 11-11-22
Your Ref. No. QC/22/041 **Dated:** 24-10-22

Test Specification
 (BS 1881-116)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: **10-11-22** Tested on: **11-11-22** in dry/wet condition

Sr. No.	Mark*	Casting Date*			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
		DD	MM	YYYY								
1	# 1772	25	9	2022	6x6x6	---	8.4	36	94	5849	---	Non Engraved
2	# 1773	25	9	2022	6x6x6	---	8	36	78	4853	---	Non Engraved
3	# 1774	25	9	2022	6x6x6	---	8.2	36	49	3049	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Nil

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

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

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Director/Dy. Director Concrete Laboratory



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ORIGINAL
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4219
 Dr. Asad Gilani

To: Mr. Ateeq Ahmad Bhatti
 Ravi Autos, Peoples Colony, G.T. Road, Shahdara, Lahore.

Project: Nil

Our Ref. No. CL/CED/ 313

Dated: 11-11-22

Test Specification

Your Ref. No. 10/PSI/UET

Dated: 11-11-22

(----)

COMPRESSION TEST REPORT



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

Specimens received on: 11-11-22 **Tested on:** 11-11-22 **in dry/wet condition**

Sr. No.	Mark*	Casting Date*			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
		DD	MM	YYYY								
1	Rectangular Grey 80mm	---	---	---	7.7 x 3.8 x 3.2	---	3480	29.26	29	2220	---	---
2	Rectangular Grey 80mm	---	---	---	7.7 x 3.8 x 3.2	---	3540	29.26	31	2373	---	---
3	Rectangular Grey 80mm	---	---	---	7.7 x 3.8 x 3.2	---	3510	29.26	25	1914	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

- * as engraved on the specimens (if any)
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4217
 Dr. Yousaf

To: Mr.Young
 Henan D. R. Construction Group Co., Ltd (Pakistan Branch)

Project: Nil

Our Ref. No. CL/CED/ 314

Dated: 11-11-22

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: 10/11/2022 Tested on: 11-11-22 in dry/wet condition

Sr. No.	Mark*	Casting Date*			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
		DD	MM	YYYY								
1	C-10	17	9	2022	6x6x6	---	7.4	36	15	933	---	Non Engraved
2	C-10	17	9	2022	6x6x6	---	7	36	14	871	---	Non Engraved
3	C-10	17	9	2022	6x6x6	---	7.2	36	14.5	902	---	Non Engraved
4	C-20	17	9	2022	6x6x6	---	7.4	36	41	2551	---	Non Engraved
5	C-20	17	9	2022	6x6x6	---	7.6	36	40	2489	---	Non Engraved
6	C-20	17	9	2022	6x6x6	---	7.8	36	45	2800	---	Non Engraved
7	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

- * as engraved on the specimens (if any)
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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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ORIGINAL
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4212
 Dr. Yousaf

To: Sub Engineer
 PHATA Sub Region Okara

Project: Construction of Houses 3-Marla & 5-Marla in ADS-II Renala Khurd District Okara under Naya Pakistan Housing Program. (M/S Pak Shahid Developers & JV Recent Construction)

Our Ref. No. CL/CED/ 315

Dated: 11-11-22

Test Specification

Your Ref. No. No. 2076

Dated: 07-11-22

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 10/11/2022 Tested on: 11-11-22 in dry/wet condition

Sr. No.	Mark*	Casting Date*			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
		DD	MM	YYYY								
1	H. No. 189-212	6	10	2022	6x6x6	---	8.6	36	60	3733	---	Non Engraved
2	H. No. 189-212	6	10	2022	6x6x6	---	8.6	36	70	4356	---	Non Engraved
3	H. No. 189-212	6	10	2022	6x6x6	---	8.4	36	65	4044	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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ORIGINAL
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4216
 Dr. Yousaf

To: M. Afzal
 Site Engineer, M/S LINKER

Project: Construction of Hassan & Huma Residence- DHA Phase VIII, Sector A, Lahore

Our Ref. No. CL/CED/ 316

Dated: 11-11-22

Test Specification

Your Ref. No. LD/H&H/445-A/C-01

Dated: 25/10/2022

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 10/11/2022 Tested on: 11-11-22 in dry/wet condition

Sr. No.	Mark*	Casting Date*			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
		DD	MM	YYYY								
1	Ground Floor Slab (3000 Psi)	29	10	2022	6Diax12	---	12.4	28.28	41	3248	---	Non Engraved
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

- * as engraved on the specimens (if any)
- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
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Director/Dy. Director Concrete Laboratory



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4211
 Dr. Yousaf

To: Mr. Muhammad Adnan
 Project Manager, ICON VALLEY Phase II

Project: ICON Signature 3rd Floor Slab 2nd Part and Shear Walls

Our Ref. No. CL/CED/ 317

Dated: 11-11-22

Test Specification

Your Ref. No. IV-18

Dated: 10-11-22

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 10/11/2022 **Tested on:** 11-11-22 **in dry/wet condition**

Sr. No.	Mark*	Casting Date*			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
		DD	MM	YYYY								
1	4000 Psi	12	10	2022	6Diax12	---	13.6	28.28	78	6178	---	Non Engraved
2	4000 Psi	12	10	2022	6Diax12	---	13	28.28	70	5545	---	Non Engraved
3	4000 Psi	12	10	2022	6Diax12	---	13.4	28.28	67	5307	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

- * as engraved on the specimens (if any)
- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- **** 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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- 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.

4191
 Dr. Yousaf

To: Mr. Haroon Rashid
 Site Supervisor, Pakistan Rangers (Punjab)

Project: Construction of OPD Block at HQ Pakistan Rangers (Punjab).

Our Ref. No. CL/CED/ 318

Dated: 11/11/2022

Test Specification

Your Ref. No. 2231/Works/1611

Dated: 21/9/2022

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: **7/11/2022** Tested on: **11/11/2022** in dry/wet condition

Sr. No.	Mark*	Casting Date*			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
		DD	MM	YYYY								
1	Strip Footing	21	9	2022	6Diax12	---	13	28.28	70	5545	---	Non Engraved
2	Strip Footing	21	9	2022	6Diax12	---	13	28.28	58	4594	---	Non Engraved
3	Strip Footing	21	9	2022	6Diax12	---	13	28.28	63	4990	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

- * as engraved on the specimens (if any)
- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- **** 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

- The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
- 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.

4213
 Dr. Yousaf

To: Mr. Muhammad Sohail Anjum
 Project Manager, MS Tower, G4 Lahore

Project: Construction of MS Tower at Plot 450, 451 Johar Town Lahore.

Our Ref. No. CL/CED/ 319

Dated: 11/11/2022

Test Specification

Your Ref. No. MST/UET/2022/C-068

Dated: 08/11/2022

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 10/11/2022 Tested on: 11/11/2022 in dry/wet condition

Sr. No.	Mark*	Casting Date*			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
		DD	MM	YYYY								
1	#154 (5000 Psi)	1	11	2022	6Diax12	---	13.6	28.28	63	4990	---	Non Engraved
2	#155 (5000 Psi)	1	11	2022	6Diax12	---	13.2	28.28	61	4832	---	Non Engraved
3	#156 (5000 Psi)	1	11	2022	6Diax12	---	13.8	28.28	64	5069	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

- * as engraved on the specimens (if any)
- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- **** 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

- 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.

4213
 Dr. Yousaf

To: Mr. Muhammad Sohail Anjum
 Project Manager, MS Tower, G4 Lahore

Project: Construction of MS Tower at Plot 450, 451 Johar Town Lahore

Our Ref. No. CL/CED/ 320

Dated: 11/11/2022

Test Specification

Your Ref. No. MST/UET/2022/C-069

Dated: 10/11/2022

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 10/11/2022 Tested on: 11/11/2022 in dry/wet condition

Sr. No.	Mark*	Casting Date*			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
		DD	MM	YYYY								
1	#143 (3000 Psi)	14	10	2022	6Diax12	---	13	28.28	19	1505	---	Non Engraved
2	#146 (3000 Psi)	14	10	2022	6Diax12	---	13	28.28	19	1505	---	Non Engraved
3	#147 (3000 Psi)	14	10	2022	6Diax12	---	13	28.28	17	1347	---	Non Engraved
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Witnessed by:

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

- * as engraved on the specimens (if any)
- ** 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



Plain and Reinforced Concrete Laboratory

Civil Engineering Department

University of Engineering and Technology, Lahore, Pakistan
Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

To: M/S Riaz Textile Mills (Pvt) Limited.
Main Boulevard, Gulberg-II, Lahore.

Project: Nil

Our Ref. No. CL/CED/ 321

Dated: 11/11/2022

Your Ref. No. Nil

Dated: 08/11/2022

COMPRESSION TEST REPORT

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

Specimens received on: 10/11/2022 Tested on: 11/11/2022 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)
		DD	MM	YYYY							
1	Rectangular, Grey, 80mm	---	---	---	7.7 x 3.8 x 3.1	---	3310	29.26	40	3062	---
2	Rectangular, Grey, 80mm	---	---	---	7.7 x 3.8 x 3.1	---	3770	29.26	50	3828	---
3	Rectangular, Grey, 80mm	---	---	---	7.7 x 3.8 x 3.1	---	3245	29.26	44	3368	---
4	Rectangular, Grey, 80mm	---	---	---	7.7 x 3.8 x 3.1	---	3415	29.26	55	4211	---
5	Rectangular, Grey, 80mm	---	---	---	7.7 x 3.8 x 3.1	---	3455	29.26	53	4057	---
6	Rectangular, Grey, 80mm	---	---	---	7.7 x 3.8 x 3.1	---	3390	29.26	48	3675	---
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Witnessed by:

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

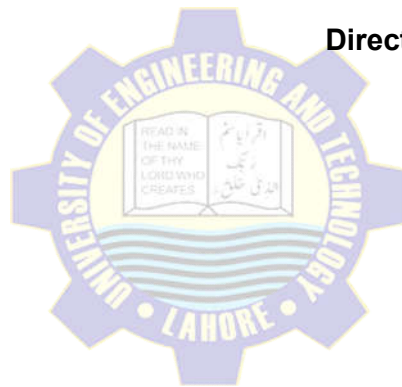
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Supervisor (Lab)

Director/Dy. Director Concrete Laborat



ORIGINAL

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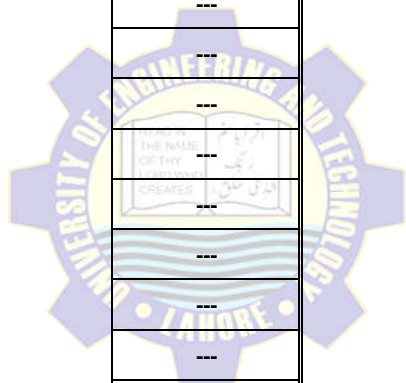
4207
Dr. Yousaf

Test Specification

(---)



Remarks



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