



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.

3880
 Dr. Mazhar

To: Mr. Muhammad Irfan
 Project Manager, Noor Durrani & Associates, 52-D1, Gulberg-III Lahore.

Project: Construction of Golf View Rumanza, Multan.

Our Ref. No. CL/CED/ 9922

Dated: 28/09/2022

Test Specification

Your Ref. No. J/0676/010

Dated: 15/09/2022

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COMPRESSION TEST REPORT



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

Specimens received on: 15/09/2022 **Tested on:** 21/09/2022 **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 (met.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	Primary (2 to 8)	2	9	2022	2x2x2	---	225	4	11.5	6337	---	Non Engraved (Grout)
2	Primary (2 to 8)	2	9	2022	2x2x2	---	215	4	6.5	3582	---	Non Engraved (Grout)
3	Primary (2 to 8)	2	9	2022	2x2x2	---	210	4	7.6	4188	---	Non Engraved (Grout)
4	Primary (9 to 34)	3	9	2022	2x2x2	---	215	4	6	3306	---	Non Engraved (Grout)
5	Primary (9 to 34)	3	9	2022	2x2x2	---	215	4	10.1	5565	---	Non Engraved (Grout)
6	Primary (9 to 34)	3	9	2022	2x2x2	---	220	4	12	6612	---	Non Engraved (Grout)
7	Secondary (9 to 34)	4	9	2022	2x2x2	---	215	4	5.8	3196	---	Non Engraved (Grout)
8	Secondary (9 to 34)	4	9	2022	2x2x2	---	220	4	9.3	5124	---	Non Engraved (Grout)
9	Secondary (9 to 34)	4	9	2022	2x2x2	---	225	4	8.8	4849	---	Non Engraved (Grout)
10	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

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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3927
 Dr. Qasim Shoukat

To: Mr. Arslan Masood, Director
 XPERT Construction Chemicals (Pvt.) Ltd. Ferozepur Road, Lahore.

Project: Nil (Provisional Report)

Our Ref. No. CL/CED/ 9923-1 of 3

Dated: 28/09/2022

Test Specification

Your Ref. No. XCCPL Ref: HO/22/013

Dated: 22/09/2022

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COMPRESSION TEST REPORT



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

Specimens received on: 22/09/2022 **Tested on:** 23/09/2022 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 (met.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	XPERT GROUT-85	20	9	2022	2x2x2	---	280	4	19.5	10745	---	Non Engraved
2	XPERT GROUT-85	20	9	2022	2x2x2	---	280	4	19.4	10689	---	Non Engraved
3	XPERT GROUT-85	20	9	2022	2x2x2	---	275	4	15.7	8651	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Nil

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

- * as engraved on the specimens (if any)
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Director/Dy. Director Concrete Laboratory



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3927
 Dr. Umbreen

To: Mr. Arslan Masood, Director
 XPERT Construction Chemicals (Pvt.) Ltd. Ferozepur Road, Lahore.

Project: Nil (Provisional Report)

Our Ref. No. CL/CED/ 9923-2 of 3

Dated: 28/09/2022

Test Specification

Your Ref. No. XCCPL Ref: HO/22/013

Dated: 22/09/2022

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COMPRESSION TEST REPORT



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

Specimens received on: 22/09/2022 **Tested on:** 27/09/2022 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 (met.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	XPERT GROUT-85	20	9	2022	2x2x2	---	280	4	22	12122	---	Non Engraved
2	XPERT GROUT-85	20	9	2022	2x2x2	---	280	4	22.2	12232	---	Non Engraved
3	XPERT GROUT-85	20	9	2022	2x2x2	---	280	4	19	10469	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Nil

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

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3924 & 3956
 Dr. Rizwan Riaz

To: Lt. Col. (R) Muhammad Ibrahim, Estate Engineer
 Board of Management Sundar Industrial Estate, Raiwind Road, Lahore.

Project: Providing and Laying Tuff Pavers Flooring Surrounding in Electric Field Equipments at SIE). (M/s Al-Haram Contractors)

Our Ref. No. CL/CED/ 9924

Dated: 28/09/2022

Test Specification

Your Ref. No. BOM/SIE/BCD 8305

Dated: 21/09/2022

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COMPRESSION TEST REPORT



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

Specimens received on: **22/09/2022** Tested on: **27/09/2022** 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	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.8 x 2.3	---	2675	29.64	138	10429	---	---
2	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.8 x 2.3	---	2730	29.64	130	9825	---	---
3	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.8 x 2.3	---	2630	29.64	132	9976	---	---
4	Rectangular, Red, 60mm	---	---	---	7.8 x 3.8 x 2.3	---	2765	29.64	142	10731	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Mr. Abdul Mateen, CNIC # 35102-9499156-5

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3925
 Dr. Umbreen

To: Professional Construction Services Ltd. Lahore.
 301-A, Block-R, Johar Town, Lahore.

Project: Construction of TCF Secondary School Thatta Ghulab Singh Kamokey Gujranwala.

Our Ref. No. CL/CED/ 9925

Dated: 28/09/2022

Test Specification

Your Ref. No. PCS/22/Eng-105

Dated: 22/9/2022

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 22/9/2022 **Tested on:** 27/9/2022 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	Footing (1:2:4)	30	3	2022	6x6x6	---	8.6	36	41	2551	---	Engraved	
2	---	---	---	---	---	---	---	---	---	---	---	---	
3	---	---	---	---	---	---	---	---	---	---	---	---	
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16	---	---	---	---	---	---	---	---	---	---	---	---	

Witnessed by: Nil

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