



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.

6987
 Dr. Qasim Khan

To: Engr. Jawad Ahmad
 Civil Engineer, Watersprint Limited.

Project: Construction Site at House No. 814 - Z Block, DHA Phase-III.

Our Ref. No. CL/CED/ 4624-3 of 3

Dated: 02/05/2024

Test Specification

Your Ref. No. WSL-172/GL

Dated: 02/04/2024

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COMPRESSION TEST REPORT



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

Specimens received on: **03/04/2024** Tested on: **02/05/2024** 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	SIKA GROUT-114	3	4	2024	2x2x2	---	325	4	20	11020	---	Non Engraved
2	SIKA GROUT-114	3	4	2024	2x2x2	---	325	4	18	9918	---	Non Engraved
3	SIKA GROUT-114	3	4	2024	2x2x2	---	330	4	14.2	7824	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Mr. Kamran Sheikh, Sika Pakistan & Mr. Arsalan Saghri, Water Sprint

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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7077
 Dr. M. Yousaf

To: Sub Divisional Officer
 Buildings Sub Division Shahkot

Project: Construction / Rehabilitation / Improvement of Offices etc in ARCs E-Registration Centers, Sub Registrat Office etc in Punjab (ARC Center One at Tehsil Shahkot District Nankana Sahib.)

Our Ref. No. CL/CED/ 4763

Dated: 02/05/2024

Test Specification

Your Ref. No. 53/SDO/BSO/NNS

Dated: 22/03/2024

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COMPRESSION TEST REPORT



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

Specimens received on: 26/04/2024 Tested on: 02/05/2024 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 (%)	Remarks
		DD	MM	YYYY								
1	Rectangular, Grey, 60mm	---	---	---	7.9 x 3.9 x 2.3	---	2720	30.81	106	7707	---	---
2	Rectangular, Grey, 60mm	---	---	---	7.9 x 3.9 x 2.3	---	2670	30.81	103	7488	---	---
3	Rectangular, Grey, 60mm	---	---	---	7.9 x 3.9 x 2.3	---	2740	30.81	103	7488	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

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
- **** AC1318-08 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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7070
Dr. M. Yousaf

To: Sub Divisional Officer
Building Sub Division Nankana Sahib.

Project: Construction of PHP Post Zafar Ullah District Nankana Sahib. (Main Building Roof Slab of Ground Floor)

Our Ref. No. CL/CED/ 4764

Dated: 02/05/2024

Test Specification

Your Ref. No. 88/SDO/BSO/NNS

Dated: 21/01/2024

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 26/04/2024 Tested on: 02/05/2024 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	(1:2:4)	22	12	2023	6 x 6 x 6	---	8.4	36	54	3360	---	Non Engraved
2	(1:2:4)	22	12	2023	6 x 6 x 6	---	8.6	36	52	3236	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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