



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.

1832
 Dr. Aqsa

To: M/s CMPak Limited.
 Lahore.

Project: Construction of CMPak New Data Center Quaid-e-Azam Industrial Estate (KLP) Lahore.

Our Ref. No. CL/CED/ 4842

Dated: 02-09-21

Test Specification

Your Ref. No. CMPAK/NDC/Cylinder/01

Dated: 13-08-21

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 02-09-21 Tested on: 02-09-21 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	1st Floor Roof Slab (1:2:4)	16	7	2021	6Diax12	---	13	28.28	50	3960	---	Non Engraved
2	1st Floor Roof Slab (1:2:4)	16	7	2021	6Diax12	---	13.4	28.28	55	4356	---	Non Engraved
3	1st Floor Roof Slab (1:2:4)	16	7	2021	6Diax12	---	14	28.28	56	4436	---	Non Engraved
4	1st Floor Roof Slab (1:2:4)	16	7	2021	6Diax12	---	13	28.28	62	4911	---	Non Engraved
5	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Talha Zahid 35202-56306673

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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ORIGINAL
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1766
 Dr. Aqsa

To: Mr.Arfan Nazir (Manager Civil)
 M/s Nishat Mills Limited (Pvt.) Ltd. Lahore.

Project: Construction of Nishat Stching Extention Unit 31 Lahore

Our Ref. No. CL/CED/ 4844

Dated: 02-09-21

Test Specification

Your Ref. No. NBD/BM/001

Dated: 20-08-21

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COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: **23-08-21** Tested on: **02-09-21** 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	MPA	---	---	---	9.0x4.3x3.0	3683	3335	38.7	37	2142	10.43	---
2	MPA	---	---	---	8.8x4.1x2.9	3587	3235	36.08	56	3477	10.88	---
3	MPA	---	---	---	9.0x4.3x2.9	3599	3243	38.7	53	3068	10.98	---
4	MPA	---	---	---	8.9x4.2x2.9	3582	3231	37.38	48	2876	10.86	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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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
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Note: Above results pertain to the unsealed samples supplied to the laboratory

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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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ORIGINAL
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1830
 Dr. Aqsa

To: Mr.Arfa Nazir (Manager Civil)
 M/s Nishat Mills Limited (Pvt.) Ltd. Lahore. (M/s Ittefaq Building Solutions)

Project: Construction of Nishat Stching Extention Unit 31 Lahore

Our Ref. No. CL/CED/ 4845

Dated: 02-09-21

Test Specification

Your Ref. No. Nil

Dated: 01-09-21

(BS 1881-116)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: **02-08-21** Tested on: **02-09-21** 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	FF Slab 2nd Pour	27	8	2021	6x6x6	---	8.4	36	45	2800	---	Engraved
2	FF Slab 2nd Pour	27	8	2021	6x6x6	---	8.6	36	38	2364	---	Engraved
3	FF Slab 2nd Pour	27	8	2021	6x6x6	---	8.6	36	46	2862	---	Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

- * 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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 Dr. Aqsa

To: Mr.Arfa Nazir (Manager Civil)
 M/s Nishat Mills Limited (Pvt.) Ltd. Lahore. (M/s Ittefaq Building Solutions)

Project: Construction of Nishat Stching Extention Unit 31 Lahore

Our Ref. No. CL/CED/ 4846

Dated: 02-09-21

Test Specification

Your Ref. No. Nil

Dated: 01-09-21

(BS 1881-116)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: **02-08-21** Tested on: **02-09-21** 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	FF Slab 2nd Pour	27	8	2021	6x6x6	---	8.4	36	45	2800	---	Engraved
2	FF Slab 2nd Pour	27	8	2021	6x6x6	---	8.6	36	38	2364	---	Engraved
3	FF Slab 2nd Pour	27	8	2021	6x6x6	---	8.6	36	46	2862	---	Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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1806
 Dr. Aqsa

To: Lt Col. Ubaid Ur Rehman, Retd
 SPM (JV) PEC Bldg Proj (NLC Engineers -Tijaarat Developers) (JV)

Project: Construction of PEC Regional Office, Lahore.

Our Ref. No. CL/CED/ 4847

Dated: 02-09-21

Test Specification

Your Ref. No. 901/NLC/TD(JV)PEC /308

Dated: 26-08-21

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: **27-08-21** Tested on: **02-09-21** 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	1205	14	7	2021	6Diax12	---	13.2	28.28	60	4752	---	Non Engraved
2	1207	14	7	2021	6Diax12	---	13.2	28.28	50	3960	---	Non Engraved
3	1210	14	7	2021	6Diax12	---	13.2	28.28	55	4356	---	Non Engraved
4	1214	16	7	2021	6Diax12	---	13	28.28	56	4436	---	Non Engraved
5	1217	16	7	2021	6Diax12	---	13	28.28	69	5465	---	Non Engraved
6	1220	16	7	2021	6Diax12	---	13	28.28	39	3089	---	Non Engraved
7	---	---	---	---	---	---	---	---	---	---	---	---
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ORIGINAL
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1813
 Dr. Aqsa

To: Mr. Zeeshan Kashif
 H.No.130 Gulshane Ravi Lahore.

Project: Construction of Plot # 44-45 Timber Market Lahore.

Our Ref. No. CL/CED/ 4848

Dated: 02-09-21

Test Specification

Your Ref. No. MCB/Reports /085

Dated: 30-08-21

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 30-08-21 Tested on: 02-09-21 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	---	22	8	2021	6Diax12	---	14	28.28	50	3960	---	Non Engraved
2	---	22	8	2021	6Diax12	---	13.8	28.28	38	3010	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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Director/Dy. Director Concrete Laboratory