

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.

> 5210 Dr. Aqsa

To: Mr. Muhammad Adnan, Project Manager

ICON Valley Phase II, 16 Km Raiwind Road, Lahore

IV-23

**Project: ICON Signature** 

Your Ref. No.

Our Ref. No. CL/CED/ 2140

Dated: 04-05-23

Dated:

**Test Specification** 

ed: 04-05-23 (ASTM C39)

13-06-23

### **COMPRESSION TEST REPORT**

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

Specimens received on: 15-05-23 Tested on: 13-06-23 in dry/wet condition





Sr. No.	o. Mark*			Date*	Size	Wet Weight		Area of X-Section	load	Ultimate Stress	Absorpti	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	4th F. 2nd Part Slab, 4000 Psi	8	4	2023	6Diax12		13.2	28.28	71	5624		Non Engraved
2	4th F. 2nd Part Slab, 4000 Psi	8	4	2023	6Diax12		13	28.28	68	5386		Non Engraved
3	4th F. 2nd Part Slab, 4000 Psi	8	4	2023	6Diax12		13	28.28	49	3881		Non Engraved
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Witnessed by: Nil

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

- 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

- 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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> 5379 Dr. Aqsa

To: Mr. Irfan Ullah Khan, Construction Manager

Nippon Health Services Pvt. Ltd. Hafizabad Road Sheikhupura

Project: Nil

 Our Ref. No. CL/CED/
 2141
 Dated:
 13-06-23
 Test Specification

 Your Ref. No.
 NHS/NMC/13
 Dated:
 12-06-23
 (ASTM C39)

### **COMPRESSION TEST REPORT**

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

Specimens received on: 12-06-23 Tested on: 13-06-23 in dry/wet condition





		1				1						-
Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Water Absorpti	Remarks
		DD	ММ	YYYY	(in)	(Kg/ gms)	(Kg/ gms)		(Imp.Tons)	(psi)	on (%)	
1	Hospital Bsmnt Slab, 3000 Psi	22	5	2023	6Diax12		14	28.28	28	2218		Non Engraved
2	Hospital Bsmnt Slab, 3000 Psi	22	5	2023	6Diax12		13.6	28.28	50	3960		Non Engraved
3	Hospital Bsmnt Slab, 3000 Psi	22	5	2023	6Diax12		13.8	28.28	51	4040		Non Engraved
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Witnessed by: Nil

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> 5371 Dr. Aqsa

To: **Director Projects** 

**Innovative ® Construction Company** 

Our Ref. No. CL/CED/ 2142

Project: Construction of ABL Branch at Fazaia Housing Scheme Phase-I Lahore.

Your Ref. No. ICL/ABL/FH/0623/06 Dated: 09-06-23

Dated:

13-06-23

#### COMPRESSION TEST REPORT

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

Specimens received on: 09-06-23 Tested on: 13-06-23 in dry/wet condition



**Test Specification** 

( ASTM C39 )



Sr. No.	Mark*	Cas		Date*	Size (in)	Wet Weight	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)		Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1		24	5	2023	6Diax12		13.2	28.28	50	3960		Non Engraved
2		24	5	2023	6Diax12		13.2	28.28	50	3960		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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> 5361 Dr. Umbreen

To: Mr. Wagas Sial, Project Coordinator National College of Arts, Lahore.

Our Ref. No. CL/CED/ 2143

Project: Construction of Graduate Block in NCA, Lahore

NCA/PDT/CGB/CGB/079 Your Ref. No. 08-06-23

Dated:

Dated:

13-06-23

**Test Specification** 

( ASTM C39 )

#### COMPRESSION TEST REPORT

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

Specimens received on: 08-06-23 Tested on: 13-06-23 in dry/wet condition



Sr. No.	Mark*	Casting Date*			Size	Wet Weight	Dry Weight	Area of X-Section		Ultimate Stress	Absorpti	Remarks
		DD	ММ	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	5000 Psi	7	5	2023	6Diax12		13.2	28.28	55	4356		Non Engraved
2	5000 Psi	7	5	2023	6Diax12		13.2	28.28	69	5465		Non Engraved
3	5000 Psi	7	5	2023	6Diax12		13.4	28.28	41	3248		Non Engraved
4	3000 Psi	7	5	2023	6Diax12		14	28.28	59	4673		Non Engraved
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Witnessed by: Mr. Waqar-ul-Hassan, Site Supervisor, NCA

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> 5376 Dr. Umbreen

To: Mr. Asif Iqbal, Director Project

Our Ref. No. CL/CED/ 2144

Ghurki Trust and Teaching Hospital, Lahore.

Project: Construction of Ghurki Medical and Dental College.

1 Toject. Construction of Chark medical and Bental Conege.

Your Ref. No. Nil Dated: 12-06-23

Dated:

13-06-23

COMPRESSION TEST REPORT

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

Specimens received on: 12-06-23 Tested on: 13-06-23 in dry/wet condition



**Test Specification** 

( ASTM C39 )



Sr. No.	Mark*			Date*	Size	Wet Weight		Area of X-Section	load	Ultimate Stress	Water Absorpti on (%)	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	011 (70)	
1	Slab (4000 Psi)	7	6	2023	6Diax12		13	28.28	45	3564		Non Engraved
2	Slab (4000 Psi)	7	6	2023	6Diax12		12.8	28.28	51	4040		Non Engraved
3	Slab (4000 Psi)	7	6	2023	6Diax12		13	28.28	39	3089		Non Engraved
4	Slab (4000 Psi)	6	6	2023	6Diax12		13	28.28	55	4356		Non Engraved
5	Slab (4000 Psi)	6	6	2023	6Diax12	GINE	13	28.28	61	4832		Non Engraved
6	Slab (4000 Psi)	6	6	2023	6Diax12	READIN	13	28.28	47	3723		Non Engraved
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Witnessed by: Nil

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> 5351 Dr. Aqsa

To: Prof. Dr. Engr. Abdullah Yasar, Campus Engineer

Engineering Cell, GC University, Lahore.

Project: Construction of New Girls Hostel at Main Campus GC University, Lahore

 Our Ref. No. CL/CED/
 2145
 Dated:
 13-06-23
 Test Specification

 Your Ref. No.
 GCU/Engr/004/A
 Dated:
 02-06-23
 (BS 1881-116)

### **COMPRESSION TEST REPORT**

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

Specimens received on: 07-06-23 Tested on: 13-06-23 in dry/wet condition





Sr. No.	Mark*			Date*	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)		Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	Roof Slab	27	3	2023	6x6x6		8.6	36	83	5164		Non Engraved
2	Roof Slab	27	3	2023	6x6x6		8.4	36	90	5600		Non Engraved
3	Roof Slab	27	3	2023	6x6x6		8.4	36	86	5351		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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> 5377 Dr. Aqsa

To: **Sarwar Brother Construction Company** 

30-A Bridge Colony Abid Majeed Road, Lahore Cantt.

Project: Construction Work of School Building UBL Society, Lahore.

Our Ref. No. CL/CED/ 2146 Dated: 13-06-23 **Test Specification** Your Ref. No. Dated: Nil (BS 1881-116)

### COMPRESSION TEST REPORT

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

Specimens received on: 12-06-23 Tested on: 13-06-23 in dry/wet condition





Sr. No.	No. Mark*			Date*	Size	Wet Weight	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	load		Water Absorpti on (%)	Remarks
			1			(Kg/ gills)			(Imp.Tons)		. ,	
1		13	5	2023	6x6x6		8.6	36	71	4418		Engraved
2		13	5	2023	6x6x6		8.4	36	66	4107		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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> 5386 Dr. Aqsa

To: Mr. Asif Khan, Contractor

Buttras Pvt. Ltd. Sundar Estate, Lahore

Project: Nil

 Our Ref. No. CL/CED/
 2147
 Dated:
 13-06-23
 Test Specification

 Your Ref. No.
 CBT/UET/01
 Dated:
 12-06-23
 (BS 1881-116)

### **COMPRESSION TEST REPORT**

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

Specimens received on: 12-06-23 Tested on: 13-06-23 in dry/wet condition





Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Water Absorpti	Remarks
		DD	ММ	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	Slab (5000 Psi)	9	4	23	6x6x6		8.6	36	137	8524		Non Engraved
2	Slab (5000 Psi)	9	4	23	6x6x6		8.6	36	111	6907		Non Engraved
3	Slab (5000 Psi)	9	4	23	6x6x6		8.8	36	104	6471		Non Engraved
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Witnessed by: Nil

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