

To: Mr. Sohaib A. Ataullah, GM (City Project) Vision Developers (Pvt.) Ltd. 55C, Gulberg-III, Lahore.

Project: Farm House. (Swimming Pool & Trenches)

Our Ref. No. CL/C	ED/ 354	Dated:	17-11-22
Your Ref. No.	VD/CP/011/15112022	Dated:	15/11/2022

COMPRESSION TEST REPORT

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

Specim	ens received on:	16	/11/2	2022	Tested on:	17-1	1-22	in dry/we	t condition		Ē	je skano
Sr. No.	Mark*	Cas DD	ting MM	Date* YYYY	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
1	3000 Psi	6	11	2022	6Diax12		13.2	28.28	45	3564		Non Engraved
2	3000 Psi	6	11	2022	6Diax12		13	28.28	33	2614		Non Engraved
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Results can also be seen on website https://civil.uet.edu.pk/concrete-laboratory-reports1/

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 comprensive strength

 $\underline{\textbf{Note:}}$ Above results pertain to the unsealed samples supplied to the laboratory

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.



ORIGINAL A carbon copy for the report has been retained in the lab for record.

4259 Dr. Usman Akmal

Test Specification (ASTM C39)



4266 Dr. Usman Akmal

To: Mr. Omair Sadig, Project Manager One Liberty Mall and H&S Hotel.

Project: One Liberty Mall and H&S Hotel Located at Noor Jehan Road, Gulberg III, Lahore.

Our Ref. No. CL/	CED/ 355	Dated:	17-11-22	Test Specification
Your Ref. No.	OL/OS/2022/16	Dated:	16-11-22	(ASTM C39)

COMPRESSION TEST REPORT



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

Specim	ens received on:	17	/11/2	2022	Tested on:	17-1	11-22	in dry/we	t condition			jesteg
Sr. No.	Mark*	Cas DD	ting MM	Date* YYYY	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
1	14th - 15th Floor Columns	9	11	2022	6Diax12		13.4	28.28	59	4673		Non Engraved
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3												
4												
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Results can also be seen on website https://civil.uet.edu.pk/concrete-laboratory-reports1/

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 $\underline{\textbf{Note:}}$ Above results pertain to the unsealed samples supplied to the laboratory

ORIGINAL A carbon copy for the report has been retained in the lab for record.



4266 Dr. Usman Akmal

To: Mr. Omair Sadig, Project Manager One Liberty Mall and H&S Hotel.

Project: One Liberty Mall and H&S Hotel Located at Noor Jehan Road, Gulberg III, Lahore.

Our Ref. No. CL/	CED/ 356	Dated:	17-11-22	Test Specification
Your Ref. No.	OL/OS/2022/17	Dated:	16-11-22	(ASTM C39)

COMPRESSION TEST REPORT



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

Specim	ens received on:	17	/11/2	2022	Tested on:	17-1	1-22	in dry/we	t condition		0	10.600840
Sr. No.	Mark*	Cas	ting MM	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
1	Column (01)	9	11	2022	6Diax12		13	28.28	47	3723		Non Engraved
2	Column (02)	9	11	2022	6Diax12		13	28.28	47	3723		Non Engraved
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ORIGINAL A carbon copy for the report has been retained in the lab for record.



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
he lab for record.

4215 Dr. Umbreen

To: **Deputy Director (Tech.)**,

Anti-Corruption Establishment, Sargodha Region, Sargodha.

Project: Construction of Police Station at Darya Khan District Bhakkar. (Enquiry No. 45/21 BKR).

Our Ref. No. CL/	(CED/ 357-1 of 2	Dated:	17-11-22	Test Specification
Your Ref. No.	ACE-SR-2022/11653	Dated:	10-11-22	()

COMPRESSION TEST REPORT



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

Specim	ens received on:	1	0-11	-22	Tested on:	14/11	/2022	in dry/we	t condition			jester j
Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Water Absorpti on (%)	Remarks
1	Rectangular, Grey,				7.8 x 3.9 x 2.4	(rtg/ giiis) 	2755	30.42	(iiiip. rons) 114	(psi) 8394		Used Sample
2	Rectangular, Grey, 60mm				7.8 x 3.9 x 2.4		2895	30.42	116	8542		Used Sample
3	Rectangular, Grey, 60mm				7.8 x 3.9 x 2.4		2820	30.42	110	8100		Used Sample
4	Rectangular, Grey, 60mm				7.8 x 3.9 x 2.4		2660	30.42	118	8689		Used Sample
5	Rectangular, Grey, 60mm				7.8 x 3.9 x 2.4	ARINE	2745	30.42	114	8394		Used Sample
6	Rectangular, Red, 60mm				7.8 x 3.8 x 2.4	READ IN	2550	29.64	124	9371		Used Sample
7	Rectangular, Red, 60mm				7.8 x 3.8 x 2.4	COE THY LORD WHO	2890	29.64	102	7709		Used Sample
8	Rectangular, Red, 60mm				7.8 x 3 <mark>.</mark> 8 x 2.4		2785	29.64	128	9673		Used Sample
9	Rectangular, Red, 60mm				7.8 x 3.8 x 2.4		2620	29.64	124	9371		Used Sample
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Results can also be seen on website https://civil.uet.edu.pk/concrete-laboratory-reports1/

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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 comprensive strength

 $\underline{\textbf{Note:}}$ Above results pertain to the unsealed samples supplied to the laboratory



To:

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.

> 4215 Dr. Yousaf

Deputy Director (Tech.),

Anti-Corruption Establishment, Sargodha Region, Sargodha.

Project: Construction of Police Station at Darya Khan District Bhakkar. (Enquiry No. 45/21 BKR).

Our Ref. No. CL	(CED/ 357-2 of 2	Dated:	17-11-22	Test Specification
Your Ref. No.	ACE-SR-2022/11653	Dated:	10-11-22	(BS 3921**)

COMPRESSION TEST REPORT



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

Specimo	ens received on:	1	0-11	-22	Tested on:	14/11	/2022	in dry/we	t condition		Ċ	jesteg
Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Water Absorpti on (%)	Remarks
		סט	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp. I ons)	(psi)	011 (70)	
1	Gutka				9 x 2.2 x 2.2		1280	19.8	31.5	3564		Used Sample
2	Gutka				9 x 2.3 x 2.2		1340	20.7	30	3246		Used Sample
3	Gutka				8.8 x 2.3 x 2.2		1305	20.24	24.5	2711		Used Sample
4	Gutka				9 x 2.2 x 2.2		1290	19.8	25	2828		Used Sample
5	Gutka				9 x 2.2 x 2.2	RINE	1320	19.8	27.5	3111		Used Sample
6	Gutka				9 x 2.2 x 2.2	READ N	1380	19.8	30	3394		Used Sample
7	Ν				8.8 x 4.1 x 2.5	DHE NAME OF THY LORD WHO	2460	36.08	45	2794		Used Sample
8	N				8.7 x 4. <mark>2 x 2.6</mark>		2565	36.54	42.5	2605		Used Sample
9	Ν				8.8 x 4.3 x 2.5		2715	37.84	39	2309		Used Sample
10	Ν				8.8 x 4.3 x 2.6	-/A	2615	37.84	35.5	2101		Used Sample
11	Ν				8.7 x 4.2 x 2.5		2595	36.54	49	3004		Used Sample
12	Ν				8.7 x 4.2 x 2.7		2635	36.54	50	3065		Used Sample
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Results can also be seen on website https://civil.uet.edu.pk/concrete-laboratory-reports1/

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 comprensive strength

Note: Above results pertain to the unsealed samples supplied to the laboratory



ORIGINAL A carbon copy for the report has been retained in the lab for record.

> 4242 Dr. Yousaf

To: Engr. Ahsan Manzoor **Director, DESIGN MATRIX**

Project: Nil				
Our Ref. No. CL/C	ED/ 358	Date	d: 17/11/2022	Test Specification
Your Ref. No.	DM/3000/ES	Date	d: 14/11/2022	(BS 1881-116)

COMPRESSION TEST REPORT

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

Specim	ens received on:	14	/11/2	2022	Tested on:	16/12	1/2022	in dry/we	t condition		Ö	jester
Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate Ioad	Ultimate Stress	Water Absorpti	Remarks
		DD	ММ	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1		2	11	2022	6x6x6		8.2	36	53	3298		Non Engraved
2		2	11	2022	6x6x6		8.2	36	55	3422		Non Engraved
3		6	11	2022	6x6x6		8.2	36	65	4044		Non Engraved
4		6	11	2022	6x6x6		8.4	36	48	2987		Non Engraved
5		8	11	2022	6x6x6 🧹	ARTHE	8.6	36	69	4293		Non Engraved
6		8	11	2022	6x6x6	READIN	8.2	36	60	3733		Non Engraved
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	Plain and Reinforced Cone Civil Engineering Depar University of Engineering and Technology, Landline: 042-99029245 & 042-99029202	crete Labo n r tment Lahore. Pakistan Mobile: 0307-04968	ratory	ORIGINAL A carbon copy for the report has been retained in the lab for record.
				4245 Dr. Yousaf
То:	Sub Divisional Officer Public Health Engg: Sub Division-I, Mianwali			
	Project: Testing of concrete cubes for Provision of Sewerag BHACHRAN Town District Mianwali (ADP No. 1110). Our Ref. No. CL/CED/ 359	ge, Drainage, Tuff Ti Dated:	le & PCC in WAN 17/11/2022	Test Specification

Dated:

12-10-22

Your Ref. No. No. 440/ MI-I

COMPRESSION TEST REPORT



(BS 1881-116)

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

Specim	ens received on:	15	5/11/2	2022	Tested on:	16/11	/2022	in dry/we	t condition			jester
Sr. No.	Mark*	Cas DD	ting MM	Date* YYYY	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
1	PCC Slab (1:2:4)	14	9	2022	6x6x6		8	36	32	1991		Non Engraved
2	PCC Slab (1:2:4)	14	9	2022	6x6x6		8	36	58	3609		Non Engraved
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	Plain and Reinforced Co Civil Engineering Dep University of Engineering and Technolog Landline: 042-99029245 & 042-99029202	ncrete Labo partment gy, Lahore. Pakistan Mobile: 0307-04968	ratory	ORIGINAL A carbon copy for the report has been retained in the lab for record.			
To:	Sub Divisional Officer Public Health Engg: Sub Division-I, Mianwali						
	Project: Testing of concrete cubes for Provision of Sewe BHACHRAN Town District Mianwali (ADP No. 1110). Our Ref. No. CL/CED/ 360	erage, Drainage, Tuff Ti Dated:	le & PCC in WAN 17/11/2022	Test Specification			
	Your Ref. No. No. 450/ MI-I	Dated:	31/10/2022	(BS 1881-116)			

COMPRESSION TEST REPORT

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

Specim	Specimens received on: 15/11/2022 Tested on: 16/11/2022 in dry/wet condition						Ë	jesteg				
Sr. No.	Mark*	Cas DD	ting MM	Date* YYYY	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
1	PCC Slab (1:2:4)	5	10	2022	6x6x6		8	36	55	3422		Non Engraved
2	PCC Slab (1:2:4)	5	10	2022	6x6x6		8	36	95	5911		Non Engraved
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 $\underline{\textbf{Note:}}$ Above results pertain to the unsealed samples supplied to the laboratory





4240 Dr. Yousaf

To: Engr. Muhammad Kashif Saeed Planning and Coordination Engineer, Muhammad Ramzan Construction

Project: Bopet Film Line (Novatex) Sheikhupura (Muhammad Ramzan Construction)

Our Ref. No. CL/	CED/ 361	Dated:	17/11/2022	Test Specification
Your Ref. No.	MRC/P-43-II/CONCRETE-03	Dated:	14/11/2022	(BS 1881-116)

COMPRESSION TEST REPORT



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

Specim	ens received on:	14	/11/2	2022	Tested on:	16/11	/2022	in dry/we	t condition			jesters
Sr. No.	Mark*	Cas DD	ting MM	Date* YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate Ioad (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	5000 Psi	2	11	2022	6x6x6		8.4	36	104	6471		Engraved
2	5000 Psi	2	11	2022	6x6x6		8.4	36	106	6596		Engraved
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Note: Above results pertain to the unsealed samples supplied to the laboratory



the report has been retained in the lab for record.

ORIGINAL

4240 Dr. Yousaf

To: Engr. Muhammad Kashif Saeed Planning and Coordination Engineer, Muhammad Ramzan Construction

Project: Bopet Film Line (Novatex) Sheikhupura (Muhammad Ramzan Construction)

Our Ref. No. CL	/CED/ 362	Dated:	17/11/2022	Test Specification
Your Ref. No.	MRC/P-43-II/CONCRETE-05	Dated:	14/11/2022	(BS 1881-116)

COMPRESSION TEST REPORT

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

Specim	ens received on:	14	/11/2	2022	Tested on:	16/11	/2022	in dry/we	t condition			iester i
Sr. No.	Mark*	Cas DD	ting MM	Date* YYYY	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
1	3750 Psi	22	10	2022	6x6x6		8.8	36	100	6222		Non Engraved
2	3750 Psi	22	10	2022	6x6x6		9	36	84	5227		Non Engraved
3	3750 Psi	22	10	2022	6x6x6		8.6	36	90	5600		Non Engraved
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> 4246 Dr. Yousaf

To: Mr. Muhammad Imran Khan

Material Engineer ECSP, MPA Hostel, Phase-II

Project: Engineering Consultancy Services for Construction of MPA's Hostel Lahore, Phase-II. (M/s Iftikhar

& Co.) Our Ref. No. CL/0	CED/ 363	Dated:	17/11/2022	Test Specification
Your Ref. No.	340/ECSP/MPA/ME/56	Dated:	05-11-22	(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on:		15	15/11/2022 Te		Tested on:	16/11/2022		in dry/we	t condition		Ċ	jeste sj		
Sr. No.	Mark*	Cas	ting	Date*	Size (in)	Wet Weight (Ka/ ams)	Dry Weight (Ka/ ams)	Area of X-Section (Sg. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks		
1	6th Floor Columns (1: 1.5: 3)	8	10	2022	6x6x6		8.8	36	114	7093		Engraved		
2	6th Floor Columns (1: 1.5: 3)	8	10	2022	6x6x6		9	36	108	6720		Engraved		
3	6th Floor Columns (1: 1.5: 3)	8	10	2022	6x6x6		9	36	118	7342		Engraved		
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16														

Witnessed by:

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

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 compressive strength

Note: Above results pertain to the unsealed samples supplied to the laboratory



Our Ref. No. CL/C	ED/ 364	Dated:	17/11/2022	Test Specification
Your Ref. No.	ECSP/BGNU/ME/03	Dated:	14/11/2022	(BS 1881-116)



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

Specim	ens received on:	14	/11/2	2022	Tested on:	16/11	/2022	in dry/we	t condition		D	目在高级影响
Sr. No.	Mark*	Cas	Casting Date*		Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate Ioad	Ultimate Stress	Water Absorpti	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	оп (%)	
1	Girls Hostel 3rd Floor Slab (1:2:4)	14	10	2022	6x6x6		8.2	36	49	3049		Engraved
2	Girls Hostel 3rd Floor Slab (1:2:4)	14	10	2022	6x6x6		7.8	36	53	3298		Engraved
3	Girls Hostel 3rd Floor Slab (1:2:4)	14	10	2022	6x6x6		8.2	36	50	3111		Engraved
4												
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Witness	ad by:											

/vitnessed by:

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

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

Note: Above results pertain to the unsealed samples supplied to the laboratory



•	Office of the Dep	uty Director Punjab Housing & Town Planning	g Agency Sub - R	egion Okara
	Project: Construc Pakistan Housing	tion of Houses 3-Marla & 5-Marla in ADS -II R	enala Khurd Dist	rict Okara Under Naya
	Our Ref. No. CL/C	ED/ 365	Dated:	17/11/2022
	Your Ref. No.	No. 2080	Dated:	12-11-22

(BS 1881-116)

Test Specification

ORIGINAL A carbon copy for

the report has been retained in

the lab for record.

4247 Dr. Yousaf

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

Specim	ens received on:	15	5/11/2	2022	Tested on:	16/11	/2022	in dry/we	t condition		D	目在高级影响
Sr. No.	Mark*	Cas	Casting Date*		Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Water Absorpti on (%)	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	0.1. (70)	
1	Cubes X-Block (H.No. 116.117)	12	10	2022	6x6x6		8.6	36	49	3049		Non Engraved
2	Cubes X-Block (H.No. 116.117)	12	10	2022	6x6x6		8.6	36	45	2800		Non Engraved
3	Cubes X-Block (H.No. 116.117)	12	10	2022	6x6x6		8.4	36	48	2987		Non Engraved
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Results can also be seen on website https://civil.uet.edu.pk/concrete-laboratory-reports1/

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 compressive strength

 $\underline{\textbf{Note:}}$ Above results pertain to the unsealed samples supplied to the laboratory



To:	CW Manager ARCON			-
	Project: Nil			
	Our Ref. No. CL/CED/ 366	Dated:	17/11/2022	Test Specification
	Your Ref. No. Nil	Dated:	Nil	(BS 1881-116)

COMPRESSION TEST REPORT

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

Specim	ens received on:	15	/11/2	2022	Tested on:	17/11	/2022	in dry/wet condition			Ë	175.000 (N
Sr. No.	Mark*	Cas DD	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
1	N-5827 (1:1.5:3 & 1:4:8)	30	9	2022	6x6x6		8	36	100	6222		Non Engraved
2	N-5827 (1:1.5:3 & 1:4:8)	30	9	2022	6x6x6		8	36	116	7218		Non Engraved
3												
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Witness	ed by:											

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

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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 compressive strength

 $\underline{\textbf{Note:}}$ Above results pertain to the unsealed samples supplied to the laboratory





To:	CW Manager ARCON			
	Project: Nil			
	Our Ref. No. CL/CED/ 367	Dated:	17/11/2022	Test Specification
	Your Ref. No. Nil	Dated:	Nil	(BS 1881-116)

COMPRESSION TEST REPORT

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

Specim	ens received on:	15	5/11/2	2022	Tested on:	17/11	/2022	in dry/wet condition			Ë	17.5.18.95
Sr. No.	Mark*	Cas DD	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
1	N-5372 (1:1.5:3 & 1:4:8)	18	10	2022	6x6x6		7.8	36	77	4791		Non Engraved
2	N-5372 (1:1.5:3 & 1:4:8)	18	10	2022	6x6x6		7.8	36	91	5662		Non Engraved
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Results can also be seen on website https://civil.uet.edu.pk/concrete-laboratory-reports1/

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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 compressive strength

 $\underline{\textbf{Note:}}$ Above results pertain to the unsealed samples supplied to the laboratory





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42	.40
Engr.	Ubaid

To:	CW Manager ARCON			
	Project: Nil			
	Our Ref. No. CL/CED/ 368	Dated:	17/11/2022	Test Specification
	Your Ref. No. Nil	Dated:	Nil	(BS 1881-116)

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

Specim	ens received on:	15	/11/2	2022	Tested on:	17/11	/2022	in dry/we	t condition		Ö	12.3. 8 .96
Sr. No.	Mark*	Cas DD	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
1	N-5192 (1:1.5:3 & 1:4:8)	11	10	2022	6x6x6		8	36	83	5164		Non Engraved
2	N-5192 (1:1.5:3 & 1:4:8)	11	10	2022	6x6x6		7.8	36	79	4916		Non Engraved
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Results can also be seen on website https://civil.uet.edu.pk/concrete-laboratory-reports1/

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4. **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as compressive strength

 $\underline{\textbf{Note:}}$ Above results pertain to the unsealed samples supplied to the laboratory

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.





4248
Engr. Ubaid

To:	CW Manager ARCON			
	Project: Nil			
	Our Ref. No. CL/CED/ 369	Dated:	17/11/2022	Test Specification
	Your Ref. No. Nil	Dated:	Nil	(BS 1881-116)

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

Specim	ens received on:	15	5/11/2	2022	Tested on:	17/1 <i>′</i>	1/2022	in dry/we	t condition		Ë	jesiiksi
Sr. No.	Mark*	Cas DD	ting MM	Date* YYYY	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
1	N-5863 (1:1.5:3 & 1:4:8)	4	10	2022	6x6x6		8.6	36	112	6969		Non Engraved
2	N-5863 (1:1.5:3 & 1:4:8)	4	10	2022	6x6x6		7.8	36	92	5724		Non Engraved
3												
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Results can also be seen on website https://civil.uet.edu.pk/concrete-laboratory-reports1/

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 compressive strength

 $\underline{\textbf{Note:}}$ Above results pertain to the unsealed samples supplied to the laboratory





То:	CW Manager ARCON			
	Project: Nil			
	Our Ref. No. CL/CED/ 370	Dated:	17/11/2022	Test Specification
	Your Ref. No. Nil	Dated:	Nil	(BS 1881-116)

COMPRESSION TEST REPORT

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

Specim	ens received on:	15	5/11/2	2022	Tested on:	17/1 <i>′</i>	1/2022	in dry/we	t condition		Ë	jester
Sr. No.	Mark*	Cas DD	ting MM	Date* YYYY	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
1	ISQ015 (1:1.5:3 & 1:4:8)	5	10	2022	6x6x6		7.8	36	93	5787		Non Engraved
2	ISQ015 (1:1.5:3 & 1:4:8)	5	10	2022	6x6x6		8	36	108	6720		Non Engraved
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Results can also be seen on website https://civil.uet.edu.pk/concrete-laboratory-reports1/

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 $\underline{\textbf{Note:}}$ Above results pertain to the unsealed samples supplied to the laboratory





То:	CW Manager ARCON			-
	Project: Nil			
	Our Ref. No. CL/CED/ 371	Dated:	17/11/2022	Test Specification
	Your Ref. No. Nil	Dated:	Nil	(BS 1881-116)

COMPRESSION TEST REPORT

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

Specim	ens received on:	15	5/11/2	2022	Tested on:	17/11	/2022	in dry/we	t condition		Ë	jester
Sr. No.	Mark*	Cas DD	ting MM	Date*	Size (in)	Wet Weight (Ka/ ams)	Dry Weight (Ka/ ams)	Area of X-Section (Sg. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	N-5866 (1:1.5:3 & 1:4:8)	5	10	2022	6x6x6		7.8	36	86	5351		Non Engraved
2	N-5866 (1:1.5:3 & 1:4:8)	5	10	2022	6x6x6		7.8	36	88	5476		Non Engraved
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Results can also be seen on website https://civil.uet.edu.pk/concrete-laboratory-reports1/

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4. **** 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





42	248
Engr.	Ubaid

To:	CW Manager ARCON			-
	Project: Nil			
	Our Ref. No. CL/CED/ 372	Dated:	17/11/2022	Test Specification
	Your Ref. No. Nil	Dated:	Nil	(BS 1881-116)

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

Specim	ens received on:	15	5/11/2	2022	Tested on:	17/11	/2022	in dry/we	t condition		Ë	175.38 6 95
Sr. No.	Mark*	Cas DD	ting MM	Date* YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate Ioad (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	N-4242 (1:1.5:3 & 1:4:8)	6	10	2022	6x6x6		7.8	36	75	4667		Non Engraved
2	N-4242 (1:1.5:3 & 1:4:8)	6	10	2022	6x6x6		7.6	36	108	6720		Non Engraved
3												
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7						CORD VIND	- J					
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Results can also be seen on website https://civil.uet.edu.pk/concrete-laboratory-reports1/

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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 compressive strength

 $\underline{\textbf{Note:}}$ Above results pertain to the unsealed samples supplied to the laboratory





To:	CW Manager ARCON			-
	Project: Nil			
	Our Ref. No. CL/CED/ 373	Dated:	17/11/2022	Test Specification
	Your Ref. No. Nil	Dated:	Nil	(BS 1881-116)

COMPRESSION TEST REPORT

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

Specim	ens received on:	15	5/11/2	2022	Tested on:	17/11	/2022	in dry/we	t condition		Ö	122.UHB
Sr. No.	Mark*	Cas	ting MM	Date*	Size (in)	Wet Weight (Kq/ qms)	Dry Weight (Kq/ qms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	IPW366 (1:1.5:3 & 1:4:8)	19	10	2022	6x6x6		7.8	36	100	6222		Non Engraved
2	IPW366 (1:1.5:3 & 1:4:8)	19	10	2022	6x6x6		7.6	36	94	5849		Non Engraved
3												
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Results can also be seen on website https://civil.uet.edu.pk/concrete-laboratory-reports1/

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 compressive strength

 $\underline{\textbf{Note:}}$ Above results pertain to the unsealed samples supplied to the laboratory





То:	CW Manager ARCON			-
	Project: Nil			
	Our Ref. No. CL/CED/ 374	Dated:	17/11/2022	Test Specification
	Your Ref. No. Nil	Dated:	Nil	(BS 1881-116)

COMPRESSION TEST REPORT

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

Specim	ens received on:	15	/11/2	2022	Tested on:	17/11	/2022	in dry/we	t condition		Ë	jester
Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight (Ka/ ams)	Dry Weight (Ka/ ams)	Area of X-Section	Ultimate load	Ultimate Stress	Water Absorpti on (%)	Remarks
1	2636 (1:1.5:3 & 1:4:8)	18	10	2022	6x6x6		7.6	36	80	4978		Non Engraved
2	2636 (1:1.5:3 & 1:4:8)	18	10	2022	6x6x6		7.8	36	84	5227		Non Engraved
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Results can also be seen on website https://civil.uet.edu.pk/concrete-laboratory-reports1/

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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 compressive strength

 $\underline{\textbf{Note:}}$ Above results pertain to the unsealed samples supplied to the laboratory





To: Engr. Zaheer Ud Din Babar

Deputy General Manager Projects, Habib Rafiq Engineering (Pvt.) Ltd.

Project: Construction of Sky Gardens Tower, Lahore.

Our Ref. No. CL/C	ED/ 375	Dated:	17/11/2022	Test Specification
Your Ref. No.	HRLE/SKG/2022/085	Dated:	14/11/2022	(ASTM C39)

COMPRESSION TEST REPORT

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

Specim	ens received on:	14	/11/2	2022	Tested on:	14/11	/2022	in dry/we	t condition		Ö	122.UHB
Sr. No.	Mark*	Cas DD	ting MM	Date* YYYY	Size (in)	Wet Weight (Ka/ ams)	Dry Weight (Ka/ ams)	Area of X-Section (Sg. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	RCC Raft 16th Pour (6000 Psi)	17	10	2022	6Diax12		13.8	28.28	104	8238		Non Engraved
2	RCC Raft 16th Pour (6000 Psi)	17	10	2022	6Diax12		14	28.28	104	8238		Non Engraved
3	RCC Raft 16th Pour (6000 Psi)	17	10	2022	6Diax12		14	28.28	94	7446		Non Engraved
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Results can also be seen on website https://civil.uet.edu.pk/concrete-laboratory-reports1/

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 comprensive strength

 $\underline{\textbf{Note:}}$ Above results pertain to the unsealed samples supplied to the laboratory





4236 Dr. Umbreen

ORIGINAL

To: Mr. Haroon Rashid

Site Supervisor, Pakistan Rangers (Punjab)

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

Our Ref. No. CL/	CED/ 376	Dated:	17/11/2022	Test Specification
Your Ref. No.	2231/Works/1776	Dated:	17/10/2022	(ASTM C39)

COMPRESSION TEST REPORT



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

Specim	ens received on:	14	/11/2	022	Tested on:	15/11	/2022	in dry/we	t condition		Ē	i takati	
Sr. No.	Mark*	Cas DD	ting MM	Date* YYYY	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	
1	RCC Plinth Beam- Conc. Cvlinders	17	10	2022	6Diax12		14	28.28	47	3723		Non Engraved	
2	RCC Plinth Beam- Conc. Cvlinders	17	10	2022	6Diax12		13.6	28.28	41	3248		Non Engraved	
3	RCC Plinth Beam- Conc. Cvlinders	17	10	2022	6Diax12		14	28.28	47	3723		Non Engraved	
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Witness	ed by:												

/itnessea by:

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

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 comprensive strength

 $\underline{\textbf{Note:}}$ Above results pertain to the unsealed samples supplied to the laboratory



To:	Project Manager
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Q-Links Property Management Pvt. Ltd.

Project: Construction of Jasmine Grand Mall, Bahria Town, Lahore

Our Ref. No. CL/	'CED/ 377	Dated:	17/11/2022	Test Specification
Your Ref. No.	QLC-UET-BH2-2022-11-LTR-004	Dated:	14/11/2022	(ASTM C39)

COMPRESSION TEST REPORT

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



Witnessed by:

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

1. * as engraved on the specimens (if any)

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Note: Above results pertain to the unsealed samples supplied to the laboratory



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

IMP/PM/66/10/07

Specim	ens received on:	11	/11/2	2022	Tested on:	15/11	/2022	in dry/we	t condition		i takati	
Sr. No.	Mark*	Cas DD	ting MM	Date* YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate Ioad (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	Slab (4500 Psi)	4	10	2022	6Diax12		14	28.28	92	7287		Non Engraved
2	Slab (4500 Psi)	4	10	2022	6Diax12		14.2	28.28	94	7446		Non Engraved
3	Lift (6000 Psi)	7	10	2022	6Diax12		14.2	28.28	75	5941		Non Engraved
4	Lift (6000 Psi)	7	10	2022	6Diax12		14.2	28.28	100	7921		Non Engraved
5	Column (6000 Psi)	10	10	2022	6Diax12	ARTHE	13.4	28.28	98	7762		Non Engraved
6	Column (6000 Psi)	10	10	2022	6Diax12	READIN	14	28.28	92	7287		Non Engraved
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Witnessed by: Mr. Nazam Sobail												

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Your Ref. No.

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

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Note: Above results pertain to the unsealed samples supplied to the laboratory

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.



(ASTM C39)

10-11-22

Dated: