

## **Plain and Reinforced Concrete Laboratory Civil Engineering Department**

University of Engineering and Technology, Lahore. Pakistan Mobile: 0307-0496895

Landline: 042-99029245 & 042-99029202

5956 Dr. M.Yousaf

To: Mr. Hafiz Zahid, Proprietor Haddad Group Building Contractor

Project: Nil			
Our Ref. No. CL/CED/ 3057	Dated:	02-10-23	Test Specification
Your Ref. No. Nil	Dated:	25-09-23	( )

## COMPRESSION TEST REPORT

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

Specime	ens received on:	2	5-09	-23	Tested on:	02-1	10-23	in dry/wet	t condition			ONLINE REPORT
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)	011 (76)	
1	I-Section, Grey, 60mm				2.3 thick		3240	36.9	95	5767		
2	I-Section, Grey, 60mm				2.3 thick		3230	36.9	98	5949		
3	I-Section, Grey, 60mm				2.3 thick		3240	36.9	91	5524		
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Witnessed by: Nil

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

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.

Supervisor (Lab)



**Civil Engineering Department** 

University of Engineering and Technology, Lahore. Pakistan Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

5982 Dr. M.Yousaf

To: Mr. Muhammad Imran Khan

Material Engineer ECSP, MPA Hostel, Phase-II.

Project: Engineering Consultancy Services for the Construction of MPA'S Hostel Lahore, Phase-II. (Group No.2)

Our Ref. No. CL/C	ED/ 3058	Dated:	02-10-23	Test Specification
Your Ref. No.	340/ECSP/MPA/ME/69	Dated:	11-09-23	( BS 1881-116 )

### **COMPRESSION TEST REPORT**



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

Specim	ens received on:	2	7-09	-23	Tested on:	02-1	0-23	in dry/wet	condition			ONLINE REPORT
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	7th Floor Slab (1:2:4)	12	8	2023	6x6x6		8.8	36	81	5040		Engraved
2	7th Floor Slab (1:2:4)	12	8	2023	6x6x6		8.2	36	65	4044		Engraved
3	7th Floor Slab (1:2:4)	12	8	2021	6x6x6		8.4	36	73	4542		Engraved
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Witness												

#### Witnessed by: Nil

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**Civil Engineering Department** 

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5982 Dr. M.Yousaf

#### To: **Resident Engineer** ECSP BGNU.

Project: Engineering Consultancy Services for Construction of Baba Guru Nanak University, Nankana Sahib. (Top Roof Columns Grid A-J (1-10) Admin Block. Our Ref. No. CL/CED/ 3059 Dated: 02-10-23 Dated: 18-09-23

Your Ref. No. ECSP/BGNU/74

## COMPRESSION TEST REPORT





**Test Specification** 

(BS 1881-116)

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

Specim	ens received on:	2	2-09	-23	Tested on:	02-1	10-23	in dry/wet	t condition			ONLINE REPORT
Sr. No.	Mark*	Cas	ting	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	(1:1.5:3)	21	8	2023	6x6x6		9	36	78	4853		Engraved
2	(1:1.5:3)	21	8	2023	6x6x6		8.8	36	78	4853		Engraved
3	(1:1.5:3)	21	8	2021	6x6x6		9	36	79	4916		Engraved
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Witnessed by: Nil												

#### witnessea by: Nii

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5971 Dr. M.Yousaf

To: Mr. Hasaan Maqsood Deputy Head, QA/QC, AI-A'zamiyya Block Phase-1

Project: Nil				
Our Ref. No. CL/Cl	ED/ 3060	Dated:	02-10-23	Test Specification
Your Ref. No.	Alz./CT/UET/007	Dated:	26-09-23	(ASTM C39)

## COMPRESSION TEST REPORT



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

Specimo	ens received on:	2	6-09	-23	Tested on:	02-1	10-23	in dry/wet	condition			ONLINE REPORT
Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Water Absorpti on (%)	Remarks
1	(3000 Bei)	20		2023	(III) 6Diax12	(rtg/ gills)	(Rg/ gills)	28.28	10	(psi) 792		Non Engraved
- '	(3000 P si)	20	•	2023	CDiax12		40	20.20	10	4007		Non Engraved
	(3000 PSI)	20	9	2023	6Diax12		13	20.20	10	1267		Non Engraved
3	(3000 Psi)	20	9	2023	6Diax12		13	28.28	25	1980		Non Engraved
4												
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Witnessed by: Nil												

#### witnessea by: Nii

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5971 Dr. M.Yousaf

To: Mr. Hasaan Maqsood Deputy Head, QA/QC, AI-A'zamiyya Block Phase-1

Project: Nil				
Our Ref. No. CL/C	ED/ 3061	Dated:	02-10-23	Test Specification
Your Ref. No.	Alz./CT/UET/007	Dated:	26-09-23	(ASTM C39)

## COMPRESSION TEST REPORT



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

Specimo	ens received on:	2	6-09	-23	Tested on:	02-1	0-23	in dry/we	t condition			ONLINE REPORT
Sr. No.	Mark*	Cas	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	(4000 Psi)	7	9	2023	6Diax12		14	28.28	47	3723		Engraved
2	(4000 Psi)	7	9	2023	6Diax12		13	28.28	44	3485		Engraved
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Witness	Witnessed by: Nil											

witnessea by: Nii

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5984 Dr. M.Yousaf

#### To: Mr. Umair Latif

Development Engineer, University of the Punjab Office of the Chief Engineer

Project: Construction of National Academy for Weight Lifting at Q.A.C, University of the Punjab.

Our Ref. No. CL/C	ED/ 3062	Dated:	02-10-23	Test Specification
Your Ref. No.	D-3401-DE	Dated:	27-09-23	(BS 1881-116)

### **COMPRESSION TEST REPORT**

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

Specime	ens received on:	2	8-09	-23	Tested on:	02-1	10-23	in dry/wet	t condition			ONLINE REPORT
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	Slab G.F Right Wing (1:2:4)	31	8	2023	6x6x6		8.4	36	97	6036		Engraved
2	Slab G.F Right Wing (1:2:4)	31	8	2023	6x6x6		8.4	36	97	6036		Engraved
3	Slab G.F Right Wing (1:2:4)	31	8	2023	6x6x6		8.4	36	98	6098		Engraved
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Witness												

#### Witnessed by: Nil

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

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2. The test results are recommended to be interpreted in the light of above factors by the engineer.



**Civil Engineering Department** 

University of Engineering and Technology, Lahore. Pakistan Mobile: 0307-0496895 Landline: 042-99029245 & 042-99029202

5984 Dr. M.Yousaf

#### To: Mr. Umair Latif

Development Engineer, University of the Punjab Office of the Chief Engineer

Project: Construction of National Academy for Weight Lifting at Q.A.C, University of the Punjab.

Our Ref. No. CL/C	ED/ 3063	Dated:	02-10-23	Test Specification
Your Ref. No.	D-3402-DE	Dated:	27-09-23	( BS 1881-116 )

### **COMPRESSION TEST REPORT**

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

Specim	ens received on:	2	8-09	-23	Tested on:	02-1	0-23	in dry/wet condition		ONLINE REPORT		
Sr. No.	Mark*	Cas	ting MM	Date*	Size	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	Slab G.F Left Wing (1·2·4)	23	8	2023	6x6x6		9	36	110	6844		Engraved
2	Slab G.F Left Wing (1:2:4)	23	8	2023	6x6x6		8.8	36	85	5289		Engraved
3	Slab G.F Left Wing (1:2:4)	23	8	2023	6x6x6		9	36	118	7342		Engraved
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Results can also be seen on website https://civil.uet.edu.pk/concrete-laboratory-reports1/

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**Civil Engineering Department** 

University of Engineering and Technology, Lahore. Pakistan Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895



5947 Dr. M.Yousaf

To: **Executive Engineer (B&W)** UVAS, Lahore. (M/S Shaheen Construction Company)

Project: Construction of Wrestling Academy at Sport Complex City Campus, UVAS, Lahore.

Our Ref. No. CL/Cl	ED/ 3064	Dated:	02-10-23	Test Specification
Your Ref. No.	E.E 864	Dated:	20-09-23	(BS 1881-116)

### COMPRESSION TEST REPORT



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

Specime	ens received on:	2	2-09	-23	Tested on:	02-1	10-23	in dry/wet condition		ONLINE REPORT		
Sr. No.	Mark*	Cas DD	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 F-9 (1:1.5:3)	7	8	2023	6x6x6		8.6	36	55	3422		Non Engraved
2	Column F-9 (1:1.5:3)	7	8	2023	6x6x6		8.2	36	50	3111		Non Engraved
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Witnessed by: Nil												

#### witnessea by: Nii

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**Civil Engineering Department** 

University of Engineering and Technology, Lahore. Pakistan Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895 <u>ORIGINAL</u> A carbon copy for the report has been retained in the lab for record.

5923 Dr. M. Yousaf

To: Mr. Hasnain Sheikh ES Consultants (Pvt) Ltd.

Project: Construction / Renovation of Toilet Facilities in 3 Locations in District D.G Khan, (South Zone).

Our Ref. No. CL/0	CED/ 3065	Dated:	02-10-23	Test Specification
Your Ref. No.	RE/TOL/PTEGP/ESC 05	Dated:	18-09-23	( BS 3921** )

## **COMPRESSION TEST REPORT**



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

Specimo	ns received on: <u>18-09-23</u> Tested on: <u>02-10-23</u> in dry/wet condition			ONLINE REPORT								
Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Water Absorpti	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	011 (76)	
1	101				8.9 x 4.4 x 2.9	3695	3255	39.16	58	3318	13.52	
2	101				8.8 x 4.3 x 2.9	3570	3135	37.84	49	2901	13.88	
3	101				8.9 x 4.3 x 2.9	3675	3270	38.27	44	2575	12.39	
4	101				9 x 4.4 x 2.9	3815	3315	39.6	34	1923	15.08	
5	101				8.8 x 4.3 x 3	3695	3270	37.84	50	2960	13	
6					>	READ IN	2071					
7						OF THY CORD WHO OREATES	ر <del>ب</del> ک اند کی خلق ر	103				
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Witnessed by												

#### Witnessed by:

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**Civil Engineering Department** 

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

5965 Dr. M. Yousaf

Го:	Mr. Muhammad Saqib Haider
	Assistant Resident Engineer, Package-III (PCP) Jhang. (MM Pakistan Pvt. Ltd)

Project: Rehabilitation of Sewerage system in Jhang City.

Our Ref. No. CL/	CED/ 3066	Dated:	02-10-23	Test Specification
Your Ref. No.	Jhang/PKG03/17	Dated:	16-09-23	( )

### COMPRESSION TEST REPORT



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

Specimo	ens received on:	received on: 25-09-23 Tested on: 02-10-23 in dry/wet condition			ONLINE REPORT							
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	HMN				8.7 x 4.2 x 2.7		2545	36.54	34	2084		
2	HMN				8.5 x 4.2 x 2.8		2860	35.7	52	3263		
3	HMN				8.2 x 4.2 x 2.7		2510	34.44	23	1496		
4												
5					-	STINE	RING .					
6						READ N	207	<b>_</b>				
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Witnessed by												

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Supervisor (Lab)