

3176 Dr. Mazhar

To: **Sub Divisional Officer** 

**Buildings Sub Division, Nankana Sahib** 

Project: Construction for the Project GS. No. 876 for the year 2021-22.

Our Ref. No. CL/	CED/ 9013	Dated:	03-06-22	Test Specification
Your Ref. No.	1031/SDO/BSD/NNS	Dated:	18-04-22	( BS 3921** )

## COMPRESSION TEST REPORT



Specim	ens received on:	2	1-04	-22	Tested on:	01-0	6-22	in dry/we	t condition			ONLINE REPORT
Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section		Ultimate Stress	Absorpti	Remarks
		DD	MM	ΥΥΥΥ	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	Α				8.7 x 4.2 x 2.7		3035	36.54	55	3372		
2	Α				8.8 x 4.2 x 2.9		3095	36.96	47	2848		
3	Α				9 x 4.3 x 3		3120	38.7	45	2605		
4	А				8.7 x 4.2 x 2.9		3080	36.54	41	2513		
5	А				8.7 x 4.3 x 2.8	GINE	2940	37.41	57	3413		
6	А				8.7 x 4 x 3	READ IN	3180	34.8	53	3411		
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Witness	sed by:											

### vitnessea 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

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.

### **Director/Dy. Director Concrete Laboratory**



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

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3176 Dr. Mazhar

### To: Sub Divisional Officer

**Buildings Sub Division, Nankana Sahib** 

Project:Construction for the Project GS. No. 5817 for the year 2021-22. (Group-3)

Our Ref. No. CL	/CED/ 9014	Dated:	03-06-22	Test Specification
Your Ref. No.	1028/SDO/BSD/NNS	Dated:	18-04-22	( BS 3921** )

### COMPRESSION TEST REPORT



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

Specim	ens received on:	2	1-04	-22	Tested on:	01-0	6-22	in dry/we	t condition			ONLINE REPORT
Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section		Ultimate Stress	Absorpti	Remarks
		DD	MM	ΥΥΥΥ	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	F-16				8.8 x 4 x 2.8		2780	35.2	57	3627		
2	F-16				8.6 x 4.2 x 2.7		2640	36.12	37	2295		
3	F-16				8.7 x 4.2 x 3		2955	36.54	67	4107		
4	F-16				8.4 x 4.1 x 2.9		2835	34.44	55	3577		
5	F-16				8.5 x 4.1 x 2.8	GINE	2625	34.85	41	2635		
6	F-16				8.6 x 4.3 x 2.8	T READ IN	3060	36.98	61	3695		
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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



> 3176 Dr. Mazhar

To: Sub Divisional Officer

**Buildings Sub Division, Nankana Sahib** 

Project:Construction for the Project GS. No. 5817 for the year 2021-22. (Group-3)

Our Ref. No. CL/0	CED/ 9015	Dated:	03-06-22	Test Specification
Your Ref. No.	1029/SDO/BSD/NNS	Dated:	18-04-22	( BS 3921** )

## COMPRESSION TEST REPORT



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

Specim	ens received on:	2	1-04	-22	Tested on:	01-0	)6-22	in dry/wet condition				ONLINE REPORT	
Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section		Ultimate Stress	Absorpti	Remarks	
		DD	MM	ΥΥΥΥ	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)		
1	K-9				8.7 x 4.2 x 3		3180	36.54	65	3985			
2	K-9				8.7 x 4.2 x 2.9		3145	36.54	65	3985			
3	K-9				8.7 x 4.2 x 2.8		3085	36.54	61	3739			
4	K-9				8.7 x 4.2 x 3		3195	36.54	67	4107			
5	K-9				8.6 x 4.2 x 3	RINE	3150	36.12	65	4031			
6	K-9				8.6 x 4.1 x 3	READ W	3295	35.26	63	4002			
7					11	DHE NHOLE <u>OE</u> THY LORD WHO	4	EB					
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Witness	ed by:												

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



> 3176 Dr. Mazhar

To: **Sub Divisional Officer** 

**Buildings Sub Division, Nankana Sahib** 

Project:Construction for the Project GS. No. 5817 for the year 2021-22. (Group-3)

Our Ref. No. CL/0	CED/ 9016	Dated:	03-06-22	Test Specification
Your Ref. No.	1027/SDO/BSD/NNS	Dated:	18-04-22	( BS 3921** )

## COMPRESSION TEST REPORT

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

Specim	ens received on:	2	1-04	-22	Tested on:	01-0	)6-22	in dry/we	t condition			
Sr. No.	Mark*		-	Date*	Size	Wet Weight		Area of X-Section	load	Ultimate Stress	Water Absorpti on (%)	Remarks
		DD	MM	ΥΥΥΥ	. ,	(Kg/ gms)	(Kg/ gms)		(Imp.Tons)		0.1 (70)	
1	RS				8.7 x 4.2 x 2.8		2845	36.54	45	2759		Machine Made
2	RS				8.9 x 4.3 x 2.7		2925	38.27	49	2868		Machine Made
3	RS				8.7 x 4.3 x 2.8		2900	37.41	35	2096		Machine Made
4	RS				8.9 x 4.3 x 2.9		2845	38.27	41	2400		Machine Made
5	RS				8.9 x 4.3 x 2.8	RINE	2855	38.27	33	1932		Machine Made
6	RS				8.6 x 4.2 x 2.7	NEAD W	2975	36.12	53	3287		Machine Made
7						DHE NAME <u>OE</u> THY LORD WHO	-4	EB				
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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



> 3176 Dr. Mazhar

To: **Sub Divisional Officer** 

**Buildings Sub Division, Nankana Sahib** 

Project:Construction for the Project GS. No. 5817 for the year 2021-22. (Group-1)

Our Ref. No. CL/	CED/ 9017	Dated:	03-06-22	Test Specification
Your Ref. No.	1023/SDO/BSD/NNS	Dated:	18-04-22	( BS 3921** )

### COMPRESSION TEST REPORT

Specim	ens received on:	2	1-04	-22	Tested on:	01-0	)6-22	in dry/we	t condition			
Sr. No.	Mark*		•	Date*	Size	Wet Weight		Area of X-Section	load	Ultimate Stress	Water Absorpti on (%)	Remarks
		DD	MM	ΥΥΥΥ		(Kg/ gms)	(Kg/ gms)		(Imp.Tons)			
1	3-Line				9 x 4.3 x 2.9		2925	38.7	59	3415		Machine Made
2	3-Line				9 x 4.3 x 2.9		2750	38.7	61	3531		Machine Made
3	3-Line				8.7 x 4.2 x 2.8		2630	36.54	20	1226		Machine Made
4	3-Line				8.6 x 4.2 x 3		2625	36.12	55	3411		Machine Made
5	3-Line				8.7 x 4.1 x 2.9	RINE	2585	35.67	35	2198		Machine Made
6	3-Line				8.7 x 4.3 x 3	T READ W	2880	37.41	55	3293		Machine Made
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3. \*\*\* BS5328 requires mean of two cube sample strength at 28 days as characteristic strength

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



> 3176 Dr. Mazhar

To: **Sub Divisional Officer** 

**Buildings Sub Division, Nankana Sahib** 

Project:Construction for the Project GS. No. 5817 for the year 2021-22. (Group-2)

Our Ref. No. CL/	CED/ 9018	Dated:	03-06-22	Test Specification
Your Ref. No.	1024/SDO/BSD/NNS	Dated:	18-04-22	( BS 3921** )

### COMPRESSION TEST REPORT

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

Specim	ens received on:	2	1-04	-22	Tested on:	01-0	6-22	in dry/we	t condition			ONLINE REPORT
Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate Ioad	Ultimate Stress	Absorpti	Remarks
		DD	MM	ΥΥΥΥ	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	Awan				8.7 x 4.2 x 2.9		3185	36.54	55	3372		
2	Awan				8.7 x 4.2 x 2.8		3080	36.54	49	3004		
3	Awan				8.6 x 4.2 x 2.9		3085	36.12	33	2047		
4	Awan				8.9 x 4.3 x 2.8		3150	38.27	49	2868		
5	Awan				9 x 4.3 x 3	GINE	3025	38.7	41	2373		
6	Awan				8.9 x 4.2 x 2.9	T NEAD IN	3135	37.38	45	2697		
7						DHE NHOLE <u>OE</u> THY LORD WHO	4	EB				
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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



> 3176 Engr. Ubaid

ORIGINAL

To: **Sub Divisional Officer** 

**Buildings Sub Division, Nankana Sahib** 

Project:Construction for the Project GS. No. 5817 for the year 2021-22. (Group-2)

Our Ref. No. CL/	CED/ 9019	Dated:	03-06-22	Test Specification
Your Ref. No.	1025/SDO/BSD/NNS	Dated:	18-04-22	( BS 3921** )

## COMPRESSION TEST REPORT

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

Specim	ens received on:	2	1-04	-22	Tested on:	02-0	06-22	in dry/we	t condition			ONLINE REPORT
Sr. No.	Mark*		•	Date*	Size	Wet Weight		Area of X-Section		Ultimate Stress	Water Absorpti on (%)	Remarks
1	3-Line			YYYY 	(in) 8.7 x 4.3 x 2.7		(Kg/ gms) 2630	(Sq. in) 37.41	(Imp.Tons) 35	(psi) 2096		Machine Made
2	3-Line				8.7 x 4.2 x 2.7		2630	36.54	55	3372		Machine Made
3	3-Line				8.8 x 4.1 x 2.8		2810	36.08	25	1552		Machine Made
4	3-Line				8.7 x 4.1 x 2.9		2725	35.67	18	1130		Machine Made
5	3-Line				8.6 x 4.2 x 2.8	GINE	2655	36.12	39	2419		Machine Made
6	3-Line				8.6 x 4.2 x 2.8	TREADIN	2745	36.12	50	3101		Machine Made
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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



> 3176 Engr. Ubaid

**Sub Divisional Officer Buildings Sub Division, Nankana Sahib** 

To:

Project:Construction for the Project GS. No. 5817 for the year 2021-22. (Group-2)

Our Ref. No. CL/	CED/ 9020	Dated:	03-06-22	Test Specification
Your Ref. No.	1026/SDO/BSD/NNS	Dated:	18-04-22	( BS 3921** )

## COMPRESSION TEST REPORT

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

Specim	ens received on:	2	1-04	-22	Tested on:	02-0	)6-22	in dry/we	t condition			ONLINE REPORT
Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate Ioad	Ultimate Stress	Absorpti	Remarks
		DD	MM	ΥΥΥΥ	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	SB5				8.7 x 4.2 x 2.8		3245	36.54	48	2943		
2	SB5				8.7 x 4.1 x 2.7		3265	35.67	54	3391		
3	SB5				8.9 x 4.2 x 2.9		3280	37.38	42	2517		
4	SB5				8.8 x 4.3 x 2.8		3270	37.84	52	3078		
5	SB5				8.9 x 4.3 x 2.7	GINE	3230	38.27	55	3219		
6	SB5				8.8 x 4.3 x 2.8	T NEAD W	3265	37.84	70	4144		
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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.

3375 Dr. Yousaf

To: Mr. Mohsin Ali, Senior Site Engineer AF Builders, Johar Town, Lahore.

Project: Building Civil Work at Shell-Raiwind Filling Station Tank Installation Project.

Our Ref. No. CL/CED/ 9021	Dated:	03-06-22	Test Specification
Your Ref. No. AF-0005	Dated:	01-06-22	( BS 1881-116 )

### COMPRESSION TEST REPORT



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

Specim	ens received on:	0	2-06	-22	Tested on:	03-0	)6-22	in dry/we	t condition			
Sr. No.	Mark*		-	Date* YYYY	Size (in)	Wet Weight	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1		19	3	2022	6x6x6	(rtg/ gills) 	(rtg/ gills) 8.4	36	90	5600		Engraved
2		19	3	2022	6x6x6		8.2	36	109	6782		Engraved
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Witness	ed by: Nil											

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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



> 3375 Dr. Yousaf

To: Mr. Mohsin Ali, Senior Site Engineer AF Builders, Johar Town, Lahore.

Project: Building Civil Work at Shell-Al-Asad Filling Station Tank Replacement Project.

Our Ref. No. CL/C	ED/ 9022	Dated:	03-06-22	Test Specification
Your Ref. No.	AF-0005	Dated:	01-06-22	( BS 1881-116 )

### COMPRESSION TEST REPORT



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

Specim	ens received on:	0	2-06	-22	Tested on:	03-0	6-22	in dry/we	t condition			ONLINE REPORT
Sr. No.	Mark*		-	Date*	Size	Wet Weight		Area of X-Section			Water Absorpti on (%)	Remarks
1		23	3	2022	(in) 6x6x6	(Kg/ gins) 	(Kg/ gms) 8	(Sq. in) 36	(Imp.Tons) 45	(psi) 2800		Non Engraved
								36				
2		23	3	2022	6x6x6		8.4	30	114	7093		Non Engraved
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Witness	ed by: Nil											

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



Project: Establis 2021-22)	shment of Trauma Center in THQ Hosp	oital Shahkot District Nanka	na Sahib (ADP No	D. 875 FY
Our Ref. No. CL/	CED/ 9023	Dated:	03-06-22	Test Specification
Your Ref. No.	2786/SDO/BSD/SKT	Dated:	23/5/2022	(ASTM C39)



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

Specim	ens received on:	30	)/5/2	022	Tested on:	02-0	6-22	in dry/we	t condition			ONLINE REPORT
Sr. No.	Mark*			Date* YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)		Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	R.C.C. Cylinder (1: 2: 4)	10	5	2022	6Diax12		12	28.28	71	5624		Non Engraved
2	R.C.C. Cylinder (1: 2: 4)	10	5	2022	6Diax12		12.2	28.28	62	4911		Non Engraved
3	R.C.C. Cylinder (1: 2: 4)	10	5	2022	6Diax12		12.2	28.28	67	5307		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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Note: Above results pertain to the unsealed samples supplied to the laboratory



2021-22)				
Our Ref. No. CL/	CED/ 9024	Dated:	03-06-22	Test Specification
Your Ref. No.	2789/SDO/BSD/SKT	Dated:	28/5/2022	(ASTM C39)



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

Specim	ens received on:	3(	)/5/2	022	Tested on:	02-0	6-22	in dry/we	t condition			ONLINE REPORT
Sr. No.	Mark*		-	Date* YYYY	Size (in)	Wet Weight (Ka/ ams)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)		Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	R.C.C. Cylinder (1: 2: 4)	1	5	2022	6Diax12		11.2	28.28	57	4515		Non Engraved
2	R.C.C. Cylinder (1: 2: 4)	1	5	2022	6Diax12		12	28.28	67	5307		Non Engraved
3	R.C.C. Cylinder (1: 2: 4)	1	5	2022	6Diax12		11.4	28.28	56	4436		Non Engraved
4												
5					/	ARINE	RIATE					
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Witness	sed 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

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



2021-22)				
Our Ref. No. CL/	CED/ 9025	Dated:	03-06-22	Test Specification
Your Ref. No.	2790/SDO/BSD/SKT	Dated:	28/5/2022	(ASTM C39)

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

Specim	ens received on:	3	0/5/2	022	Tested on:	02-0	6-22	in dry/we	t condition			ONLINE REPORT
Sr. No.	Mark*		-	Date* YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)		Water Absorpti on (%)	Remarks
1	R.C.C. Cylinder (1: 2: 4)	30	4	2022	6Diax12		12	28.28	68	5386		Non Engraved
2	R.C.C. Cylinder (1: 2: 4)	30	4	2022	6Diax12		12	28.28	75	5941		Non Engraved
3	R.C.C. Cylinder (1: 2: 4)	30	4	2022	6Diax12		12	28.28	46	3644		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

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

	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.
То:	Mr. Azmat Abbas Project Engineer Project: Nil	3352 Engr. Ubaid

Our Ref. No. CL/	CED/ 9026	Dated:	03-06-22
Your Ref. No.	Project-132/E-Gulberg III Lahore	Dated:	30/5/2022

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

Specim	ens received on:	3	0/5/2	022	Tested on:	02-0	6-22	in dry/wet condition			ONLINE REPORT	
Sr. No.	Mark*		•	Date* YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)		Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	3000 Psi	30	4	2022	6Diax12		13.4	28.28	65	5149		Non Engraved
2	3000 Psi	30	4	2022	6Diax12		13.6	28.28	72	5703		Non Engraved
3	3000 Psi	30	4	2022	6Diax12		13.2	28.28	65	5149		Non Engraved
4	3000 Psi	30	4	2022	6Diax12		14	28.28	48	3802		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

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.



Test Specification (ASTM C39)



> 3361 Engr. Ubaid

Site Incharge, Tetra Ready Mix (Pvt) Ltd.

Mr. Umair Badar

To:

Project: House No. 45M A/3 Gulberg III Lahore. (Client; Mr. Haroon Malik Residence)

Our Ref. No. CL/CED/ 9027	Dated:	03-06-22	Test Specification
Your Ref. No. TRM/Shahzad/001	Dated:	31/5/2022	(ASTM C39)

### COMPRESSION TEST REPORT

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

Specim	ens received on:	3′	1/5/2	022	Tested on:	02-0	06-22	in dry/we	in dry/wet condition			ONLINE REPORT
Sr. No.	Mark*		•	Date* YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)		Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	3750 Psi	22	5	2022	6Diax12		13	28.28	43	3406		Non Engraved
2	3750 Psi	22	5	2022	6Diax12		13.4	28.28	41	3248		Non Engraved
3	3750 Psi	22	5	2022	6Diax12		13	28.28	43	3406		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 comprensive strength

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





# **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.

3353 Engr. Ubaid

### To: Sarfraz Rasheed

GM Projects, For Ittefaq Building Solutions Pvt. Ltd.

Project: Construction of Allied Bank Limited Branch at Khurrianwala Faisalabad.

Our Ref. No. CL/CED/ 9028	Dated:	03-06-22	Test Specification
Your Ref. No. Nil	Dated:	30/5/2022	(ASTM C39)

### COMPRESSION TEST REPORT

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

Specimens received on:		30/5/2022		022	Tested on: 02-00		06-22 in dry/wet condition						
Sr. No.	Mark*		Casting Date*		Casting Date* Size		Wet Weight	Dry Weight	Area of X-Section		Ultimate Stress	Absorpti	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)		
1	GF Columns (4000 Psi)	20	4	2022	6Diax12		13	28.28	77	6099		Non Engraved	
2	GF Columns (4000 Psi)	20	4	2022	6Diax12		13	28.28	49	3881		Non Engraved	
3	GF Columns (4000 Psi)	20	4	2022	6Diax12		13	28.28	61	4832		Non Engraved	
4	FF Columns (4000 Psi)	26	4	2022	6Diax12		13.2	28.28	79	6257		Non Engraved	
5	FF Columns (4000 Psi)	26	4	2022	6Diax12	RINE	RI 13	28.28	69	5465		Non Engraved	
6	FF Columns (4000 Psi)	26	4	2022	6Diax12	I READ IN	13.2	28.28	92	7287		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:	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/ 9029	Dated:	03-06-22	Test Specification
Your Ref. No.	QLC-BO-BH2-2022-05-LTR-12	Dated:	28/5/2022	(ASTM C39)

## COMPRESSION TEST REPORT

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

Specimens received on:		30/5/2022		022	Tested on:	02-06-22		in dry/wet condition				ONLINE REPORT
Sr. No.	Mark*		•	Date* YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)		Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	Grid # (7-12) (D-E) & (11-12) (A-D)	27	4	2022	6Diax12		12.4	28.28	45	3564		Engraved
2	Grid # (7-12) (D-E) & (11-12) (A-D)	27	4	2022	6Diax12		13	28.28	45	3564		Engraved
3	Grid # (7-12) (D-E) & (11-12) (A-D)	27	4	2022	6Diax12		13	28.28	49	3881		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

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.

### **Director/Dy. Director Concrete Laboratory**



To: **Project Manager** 

Q-Links Property Management Pvt Ltd.

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

Our Ref. No. CL	/CED/ 9030	Dated:	03-06-22	Test Specification
Your Ref. No.	QLC-BO-BH2-2022-05-LTR-10	Dated:	21/5/2022	(ASTM C39)

### COMPRESSION TEST REPORT

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

Specimens received on:		30/5/2022		022	Tested on:	02-06-22		in dry/wet condition				ONLINE REPORT
Sr. No.	Mark*	Casting Date*			Size	Wet Weight		Area of X-Section	load		Water Absorpti on (%)	Remarks
	Grid # (2-4) (A-E)			YYYY	( )		(Kg/ gms)		(Imp.Tons)		. ,	European d
1	3000 Psi	20	4	2022	6Diax12		13.4	28.28	34	2693		Engraved
2	Grid # (2-4) (A-E) 3000 Psi	20	4	2022	6Diax12		13.2	28.28	49	3881		Engraved
3	Grid # (2-4) (A-E) 3000 Psi	20	4	2022	6Diax12		13.4	28.28	47	3723		Engraved
4	Grid # 6 (A-E) 5500 Psi	20	4	2022	6Diax12		13.4	28.28	68	5386		Non Engraved
5	Grid # (13-18) (A-E) 3000 Psi	22	4	2022	6Diax12	GINE	RI 13	28.28	43	3406		Engraved
6	Grid # (13-18) (A-E) 3000 Psi	22	4	2022	6Diax12	TREADIN	13	28.28	36	2851		Engraved
7	Grid # (13-18) (A-E) 3000 Psi	22	4	2022	6Diax12	DE THY CORD VIND	- 13	28.28	41	3248		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

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



Dated:

Dated:

03-06-22

16/3/2022

**Test Specification** 

(ASTM C39)

# **COMPRESSION TEST REPORT**

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

Our Ref. No. CL/CED/ 9031

Nil

Your Ref. No.

Specim	ens received on:	2	7/5/2	022	Tested on:	02-0	6-22	in dry/we	t condition			ONLINE REPORT
Sr. No.	Mark*		-	Date* YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)		Water Absorpti on (%)	Remarks
1	Raft- C	29	4	2022	6Diax12		13	28.28	36	2851		Non Engraved
2	Raft- C	29	4	2022	6Diax12		12.4	28.28	35	2772		Non Engraved
3	Raft- C	29	4	2022	6Diax12		12.6	28.28	41	3248		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

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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

Nil

Specim	ens received on:	2	7/5/2	022	Tested on:	02-0	6-22	in dry/we	t condition			ONLINE REPORT
Sr. No.	Mark*	Cas DD	•	Date* YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)		Water Absorpti on (%)	Remarks
1	Column Zone (B)	29	4	2022	6Diax12		13	28.28	39	3089		Non Engraved
2	Column Zone (B)	29	4	2022	6Diax12		14	28.28	69	5465		Non Engraved
3	Column Zone (B)	29	4	2022	6Diax12		13	28.28	45	3564		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)

Your Ref. No.

2. \*\* BS3921 requires average of ten clay brick samples for crushing strength and water absorption

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16/3/2022

(ASTM C39)

Dated:



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

Nil

Specim	ens received on:	2	7/5/2	022	Tested on:	02-0	6-22	in dry/we	t condition			ONLINE REPORT
Sr. No.	Mark*		•	Date* YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)			Water Absorpti on (%)	Remarks
1	Retaining (B)	29	4	2022	6Diax12		13.4	28.28	45	3564		Non Engraved
2	Retaining (B)	29	4	2022	6Diax12		12.4	28.28	42	3327		Non Engraved
3	Retaining (B)	29	4	2022	6Diax12		13	28.28	51	4040		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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Your Ref. No.

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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

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.

16/3/2022

(ASTM C39)

Dated:



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

Nil

Specim	ens received on:	2	7/5/2	022	Tested on:	02-0	6-22	in dry/we	t condition			ONLINE REPORT
Sr. No.	Mark*	Cas DD	•	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	Raft (B)	29	4	2022	6Diax12		13	28.28	45	3564		Non Engraved
2	Raft (B)	29	4	2022	6Diax12		13	28.28	39	3089		Non Engraved
3	Raft (B)	29	4	2022	6Diax12		13	28.28	42	3327		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)

Your Ref. No.

2. \*\* BS3921 requires average of ten clay brick samples for crushing strength and water absorption

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

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16/3/2022

(ASTM C39)

Dated:

	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.
To:	M. Saddam Hussain Field Engineer, MASCON Associates (Pvt) Ltd	3355 Engr. Ubaid
	Project: Resident Supervision & Third Party Validation under the Development Scheme "Improvement & Development of Jallo Safari Lahore".	

Dated:

Dated:

03-06-22

26/5/2022

# **COMPRESSION TEST REPORT**

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

MAV-HAC/WLD/LAB/09

Our Ref. No. CL/CED/ 9035

Your Ref. No.

Specim	Specimens received on: 30/5/2022				Tested on:	02-0	06-22	in dry/we	t condition			
Sr. No.	Mark*	Mark* Casting Date*		Size	Wet Weight	Dry Weight	Area of X-Section			Water Absorpti on (%)	Remarks	
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	0.1 (70)	
1	Roof Slab & Beam Chimpanzee M.H.	21	4	2022	6x6x6		8	36	76	4729		Non Engraved
2	Roof Slab & Beam Chimpanzee M.H.	21	4	2022	6x6x6		8.4	36	90	5600		Non Engraved
3	Roof Slab & Beam Chimpanzee M.H.	21	4	2022	6x6x6		8.4	36	98	6098		Non Engraved
4	Roof Slab & Beam Gibbon M.H.	27	4	2022	6x6x6		8.2	36	92	5724		Non Engraved
5	Roof Slab & Beam Gibbon M.H.	27	4	2022	6x6x6 🧹	RINE	8.4	36	104	6471		Non Engraved
6	Roof Slab & Beam Gibbon M.H.	27	4	2022	6x6x6	I READ IN	8.6	36	110	6844		Non Engraved
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Witness	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

 $\underline{\textbf{Note:}}$  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.



Test Specification

(BS 1881-116)



3314 Engr. Ubaid

ORIGINAL

To: Syed Abdul Jabbar

**GM Engineering Cotton Web Limited** 

Project: Construction of new office building in Cotton Web Limited.

Our Ref. No. CL/CED/ 9036	Dated:	03-06-22	Test Specification
Your Ref. No. Nil	Dated:	20/5/2022	(ASTM C39)

## COMPRESSION TEST REPORT

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

Specim	ens received on:	23/5/2022		022	Tested on:	02-06-22		in dry/wet condition				ONLINE REPORT
Sr. No.	Mark*		Casting Date* DD MM YYYY		Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)		Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	Raft Conc. (4000 Psi)	25	4	2022	6Diax12		12.4	28.28	50	3960		Engraved
2	Raft Conc. (4000 Psi)	25	4	2022	6Diax12		12.8	28.28	60	4752		Engraved
3	Raft Conc. (4000 Psi)	25	4	2022	6Diax12		13.4	28.28	44	3485		Engraved
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16												
Witness	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 comprensive strength

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





# **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.

> 3326 Engr. Ubaid

To: Muhammad Imran Khan

Material Engineer ECSP PIPAL HOUSE A-BLOCK.

Project: Reconstruction of PIPAL House A-Block Lahore. (M/s Uni Build Associate Pvt. Ltd.)

Our Ref. No. CL/	CED/ 9037	Dated:	03-06-22
Your Ref. No.	343/ECSP/PH/ME/19	Dated:	23/5/2022

## COMPRESSION TEST REPORT



**Test Specification** (ASTM C39)

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

Specim	Specimens received on: 25/5/2022 Tested on: 02-06-22 in dry/wet condition								ONLINE REPORT			
Sr. No.	Mark*	Cas DD	•	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	Lift Wall- 5th Floor	23	4	2022	6Diax12		13	28.28	59	4673		Engraved
2	Lift Wall- 5th Floor	23	4	2022	6Diax12		13	28.28	58	4594		Engraved
3	Lift Wall- 5th Floor	23	4	2022	6Diax12		13	28.28	56	4436		Engraved
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Witness	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



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

3330 Engr. Ubaid

To: **AN Construction** 

38-Tariq Block, New Garden Town, Lahore.

Project: Construction of Apartment Builidng 38-Tariq Block New Garden Town, Lahore.

Our Ref. No. CL/CED/ 9038	Dated:	03-06-22	Test Specification
Your Ref. No. Nil	Dated:	25-04-22	(ASTM C39)

### COMPRESSION TEST REPORT

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

Specim	ens received on:	25/5/2022 1		022	Tested on:	02-0	6-22	in dry/wet condition				ONLINE REPORT
Sr. No.	Mark*		-	Date* YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)			Water Absorpti on (%)	Remarks
1	4000 Psi	14	5	2022	6Diax12		12.6	28.28	49	3881		Engraved
2	4000 Psi	14	5	2022	6Diax12		12.6	28.28	36	2851		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



Project: Nil				
Our Ref. No. CL/	CED/ 9039	Date	d: 03-06-22	Test Specification
Your Ref. No.	DM/5000/02	Date	d: 26/05/2022	(ASTM C39)

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

Specim	ens received on:	26/5/2022		022	Tested on:	02-0	06-22	in dry/wet condition				ONLINE REPORT
Sr. No.	Mark*		-	Date* YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)		Water Absorpti on (%)	Remarks
1		17	5	2022	6Diax12		13	28.28	70	5545		Engraved
2		17	5	2022	6Diax12		13.4	28.28	83	6574		Engraved
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Witness	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

 $\underline{\textbf{Note:}}$  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.

> 3334 Engr. Ubaid



the lab for record. 3363

ORIGINAL

Engr. Ubaid

To: Waqas Ali VARIANT, 25-t Gulberg 2, Lahore.

Project: Nil			
Our Ref. No. CL/CED/ 9040	Dated:	03-06-22	Test Specification
Your Ref. No. VA/29/11	Dated:	31/05/2022	(ASTM C39)

## COMPRESSION TEST REPORT

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

Specimens received on:			31/5/2022		Tested on:	02-0	6-22	in dry/wet condition				ONLINE REPORT
Sr. No.	Mark*			Date* YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)		Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	Basement-2 Raft Pour (2A.3A & 3B)	29	4	2022	6Diax12		14	28.28	66	5228		Non Engraved
2	Basement-2 Raft Pour (2A.3A & 3B)	29	4	2022	6Diax12		14	28.28	59	4673		Non Engraved
3	Basement-2 Raft Pour (2A.3A & 3B)	29	4	2022	6Diax12		13.6	28.28	63	4990		Non Engraved
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Witnessed by: Mr. Khurram, CNIC # 35201-2458690-9												

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: **Nasir Nadeem**

Head of Department, Design & Construction Department-HO, City Schools (Pvt) Ltd

Project: Bahria Campus Lahore Phase-II.												
Our Ref. No. CL/CED/ 9041	Dated:	03-06-22	Test Specification									
Your Ref. No. TCS/D&C/HO/001/2024	Dated:	31/05/2022	(ASTM C39)									

### COMPRESSION TEST REPORT

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

Specim	ens received on:	0	1-06	-22	Tested on:	02-0	06-22	in dry/we	t condition			ONLINE REPORT
Sr. No.	Mark*	Cas DD	•	Date*	Size (in)	Wet Weight (Ka/ ams)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)		Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	RCC Plinth Beam (1: 2: 4)	22	3	2022	6Diax12		13.2	28.28	41	3248		Engraved
2	RCC Plinth Beam (1: 2: 4)	22	3	2022	6Diax12		13.4	28.28	46	3644		Engraved
3	RCC Plinth Beam (1: 2: 4)	22	3	2022	6Diax12		13.4	28.28	41	3248		Engraved
4	RCC GF Column (1:1:2)	25	3	2022	6Diax12		13.4	28.28	66	5228		Engraved
5	RCC GF Column (1:1:2)	25	3	2022	6Diax12	RINE	13.4	28.28	46	3644		Engraved
6	RCC GF Column (1:1:2)	25	3	2022	6Diax12	E READ IN	13.4	28.28	70	5545		Engraved
7	RCC GF Beam & Slab (1:2:4)	21	4	2022	6Diax12	DHE NHOLE <u>OE</u> THY LORD WHO	- 14	28.28	49	3881		Engraved
8	RCC GF Beam & Slab (1:2:4)	21	4	2022	6Diax12		14	28.28	50	3960		Engraved
9	RCC GF Beam & Slab (1:2:4)	21	4	2022	6Diax12		13.8	28.28	52	4119		Engraved
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Witness	sed 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

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.



been retained in the lab for record.

Dr. Yousaf



3365 Dr. Yousaf

To: Mr. Ahmed Ejaz

Quantity Surveyor, Linker Developers (Pvt) Ltd

Project: Construction of ROLUSTECH-RT Tower Gulberg III Lahore.

Our Ref. No. CL/CED/ 9042	Dated:	03-06-22	Test Specification
Your Ref. No. Nil	Dated:	26/05/2022	(ASTM C39)

### COMPRESSION TEST REPORT

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

Specim	ens received on:	0	1-06	-22	Tested on:	02-0	06-22	in dry/we	t condition			ONLINE REPORT
Sr. No.	Mark*		-	Date* YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)		Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	Raft foundation (4000 Psi)	29	4	2022	6Diax12		13	28.28	55	4356		Engraved
2	Raft foundation (4000 Psi)	29	4	2022	6Diax12		13	28.28	43	3406		Engraved
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Witness	ed 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

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





Project: Establishment of Center of Excellence Boys at Chakwal.

Our Ref. No. CL/	CED/ 9043	Dated:	03-06-22	Test Specification
Your Ref. No.	RE/ESC/COE/2022-40	Dated:	21/05/2022	(ASTM C39)

### COMPRESSION TEST REPORT

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

Specim	ens received on:	23	3/5/2	022	Tested on:	03-0	06-22	in dry/we	t condition			ONLINE REPORT
Sr. No.	Mark*	Cas DD	•	Date* YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)		Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	GF (Slab-2)	22	4	2022	6Diax12		13	28.28	50	3960		Non Engraved
2	GF (Slab-2)	22	4	2022	6Diax12		13.2	28.28	87	6891		Non Engraved
3	GF (Slab-2)	22	4	2022	6Diax12		13	28.28	83	6574		Non Engraved
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5					/	RINE	RIATE					
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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



> 3369 Dr. Yousaf

Sub Divisional Officer			
Public Health Engineering: Sub Division, To	ba Tek Singh		
Project: Providing and Laying Tuff Tiles from	n General Bus Stand Towards Musta	fa Abad Road, Toba	Tek
Singh City (CDP-III).			
Our Ref. No. CL/CED/ 9044	Dated:	03-06-22	Test Specification
Your Ref. No. 169/PHE-SD-TTS	Dated:	23-05-22	( )

## COMPRESSION TEST REPORT



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

Specim	ens received on:	0	1-06	-22	Tested on:	03-0	6-22	in dry/we	t condition			ONLINE REPORT
Sr. No.	Mark*		-	Date*	Size	Wet Weight		Area of X-Section		Ultimate Stress	Water Absorpti on (%)	Remarks
		DD	MM	ΥΥΥΥ	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	011 (76)	
1	Uni-Block, Grey, 80mm				3.1 thick		4525	36.92	107	6492		
2	Uni-Block, Grey, 80mm				3.1 thick		4490	36.92	110	6674		
3	Uni-Block, Red, 80mm				3.1 thick		4435	36.92	70	4247		
4	Uni-Block, Red, 80mm				3.1 thick		4375	36.92	59	3580		
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Witness	sed 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

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



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

t

3368 Dr. Yousaf

To: Abdul Qadir Ali Chaman Park, Fateh Garh, Lahore.

Project: Nil			
Our Ref. No. CL/CED/ 9045	Dated:	03-06-22	<b>Test Specification</b>
Your Ref. No. Nil	Dated:	Nil	( )

## COMPRESSION TEST REPORT

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

Specim	ens received on:	0	1 <b>-</b> 06	-22	Tested on:	03-0	6-22	in dry/we	t condition			
Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section		Ultimate Stress	Absorpti	Remarks
		DD	MM	ΥΥΥΥ	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	I-Section, Grey, 60mm				2.3 thick		3655	40.12	89	4969		
2	I-Section, Grey, 60mm				2.3 thick		3790	40.12	90	5025		
3	I-Section, Grey, 60mm				2.3 thick		3760	40.12	107	5974		Partially Damaged
4	I-Section, Grey, 50mm				2.0 thick		3285	40.12	130	7258		
5	I-Section, Grey, 50mm				2.0 thick	HINE	3135	40.12	121	6756		
6	I-Section, Grey, 50mm				2.0 thick	NEAD IN	3305	40.12	104	5807		
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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

	ARDINE CONTRACTOR	Universit	and Reinforced C Civil Engineering and Techno -99029245 & 042-99029202	epartment	tistan	tory	ORIGINAL A carbon copy for the report has been retained in the lab for record.
							3187 Engr. Ubaid
To:		ldam Hussain Engineer, MASC	ON Associates Pvt Ltd.				
	Develo	t: Resident Sup opment of Jallo of. No. CL/CED/		n under the Develo Dat	-	eme "Improvement & 03-06-22	Test Specification



(BS 3921\*\*)

15/4/2022

Dated:

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

MAC-HAC/WLD/LAB/03

Your Ref. No.

Specimens received on:		25/4/2022		022	Tested on:	02-06-22		in dry/wet condition				ONLINE REPORT
Sr. No. Mark*		Casting Date*			Size	Wet Weight	Dry Weight	Area of X-Section		Ultimate Stress	Absorpti	Remarks
			DD MM YYYY		(in) (Kg/ gms)		(Kg/ gms)	(Sq. in) (Imp.Tons)	(psi)	si) on (%)		
1	Z5				8.7 x 4.2 x 3		3365	36.54	40	2452		
2	Z5				8.6 x 4.2 x 3		3180	36.12	44	2729		
3	Z5				8.7 x 4.3 x 3		3220	37.41	38	2275		
4	Z5				8.6 x 4.2 x 2.9		3070	36.12	48	2977		
5	Z5				8.9 x 4.3 x 3	RINE	3135	38.27	40	2341		
6	Z5				8.7 x 4.3 x 3	I READ IN	3280	37.41	40	2395		
7	Z5				8.8 x 4.3 x 2.9	DHE NAME OF THY LORD WHO	-3170	37.84	44	2605		
8	Z5				8.7 x 4.2 x 3		3240	36.54	36	2207		
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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

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



> 3176 Engr. Ubaid

### To: **Sub Divisional Officer**

**Buildings Sub Division, Nankana Sahib** 

Project:Construction for the Project GS. No. 254 for the year 2021-22. (Group-1)

Our Ref. No. CL/	CED/ 9047	Dated:	03-06-22	Test Specification
Your Ref. No.	1035/SDO/BSD/NNS	Dated:	18-04-22	( BS 3921** )

### COMPRESSION TEST REPORT

Specimens received on:		21-04-22		-22	Tested on: 02-0		06-22 in dry/w		et condition			ONLINE REPORT
Sr. No.	Mark*	Casting Date*			Size	Wet Weight		Area of X-Section	load		Water Absorpti on (%)	Remarks
		DD	DD MM YYYY		(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)		
1	BABU.G				8.7 x 4.2 x 2.8		3220	36.54	58	3556		
2	BABU.G				8.8 x 4.3 x 3.1		3480	37.84	43	2545		
3	BABU.G				8.8 x 4.3 x 3		3420	37.84	48	2841		
4	BABU.G				9 x 4.2 x 2.9		3340	37.8	46	2726		
5	BABU.G				8.9 x 4.3 x 3	GINE	3235	38.27	53	3102		
6					- >	NEAD W						
7						DHE NAME CE THY LORD WHO	-4	HE				
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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



Project: Establishment of Trauma Center in THQ Hospital Shahkot District Nankana Sahib (ADP No. 875 FY 2021-22) Our Ref. No. CL/CED/ 9048 Dated: 03-06-22 **Test Specification** Your Ref. No. 2788/SDO/BSD/SKT Dated: 25-05-22 (ASTM C39)

## COMPRESSION TEST REPORT



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

Specimens received on:			30/5/2022		Tested on:	02-06-22		in dry/wet condition				ONLINE REPORT
Sr. No.	Mark*	Casting 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	R.C.C. Cylinder (1: 2: 4)	8	5	2022	6Diax12		12.2	28.28	64	5069		Non Engraved
2	R.C.C. Cylinder (1: 2: 4)	8	5	2022	6Diax12		12	28.28	63	4990		Non Engraved
3	R.C.C. Cylinder (1: 2: 4)	8	5	2022	6Diax12		12.4	28.28	63	4990		Non Engraved
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5					- /	AGINE	RIATE					
6					)	READ'N						
7					411	DHE NAME OF THY CORD WHO	-4	E				
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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 comprensive strength

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