A LINE	Plain and Reinforced Concrete Laboratory Civil Engineering Department University of Engineering and Technology, Lahore. Pakistan Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895	, t
То:	Mr. Zulfiqar Mustafa (Head of Operations) BEMSOL Pvt. Ltd. Lahore Project: Trial Mix Design for StarchPack Greenfield at Kasur	

Our Ref. No. CL	/CED/ 8997	Dated:	01-06-22	Test Specification
Your Ref. No.	BPL/202205287	Dated:	28-05-22	(BS 1881-116)

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

Specim	ens received on:	3	0-05	-22	Tested on:	31-0	5-22	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	TM # 07 26 Mpa	23	5	2022	6x6x6		8.6	36	43	2676		Non Engraved
2	TM # 07 26 Mpa	23	5	2022	6x6x6		8.4	36	81	5040		Non Engraved
3	TM # 07 26 Mpa	23	5	2022	6x6x6		8.2	36	55	3422		Non Engraved
4												
5					-	RINE	RIATE					
6					>	I READ IN						
7						DHE NHOLE <u>OE</u> THY LORD WHO	14.9	H				
8					4.81			H				
9							1	7				
10					<	-4	IORE .					
11												
12												
13												
14												
15												
16												
Witness	ed by: Nil											

ninesseu by. Inn

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.



3348 Dr. Aqsa

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

ORIGINAL

	Plain and Reinforced Concrete Laboratory Civil Engineering Department University of Engineering and Technology, Lahore. Pakistan Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895	
То:	Mr. Zulfiqar Mustafa (Head of Operations) BEMSOL Pvt. Ltd. Lahore Project: Trial Mix Design for StarchPack Greenfield at Kasur	

Our Ref. No. CL/	CED/ 8998	Dated:	01-06-22	Test Specification
Your Ref. No.	BPL/202205286	Dated:	28-05-22	(BS 1881-116)

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

Specime	ens received on:	3	0-05	-22	Tested on:	31-0	5-22	in dry/we	t condition			ONLINE REPORT
Sr. No.	Mark*	Cas	•	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	TM # 06 35 Mpa	23	5	2022	6x6x6		8.6	36	83	5164		Non Engraved
2	TM # 06 35 Mpa	23	5	2022	6x6x6		8.6	36	98	6098		Non Engraved
3	TM # 06 35 Mpa	23	5	2022	6x6x6		8.4	36	88	5476		Non Engraved
4												
5					- /	ARTINE	RIATE					
6)	NEAD N						
7												
8												
9						2-	1	Z				
10					<	-LA	INRE .					
11												
12												
13												
14												
15												
16												

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.

To: Mr. Zulfiqar Mustafa (Head of Operations) BEMSOL Pvt. Ltd. Lahore		Plain and Reinforced Concrete Laboratory Civil Engineering Department University of Engineering and Technology, Lahore. Pakistan Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895
Project: Trial Mix Design for StarchPack Greenfield at Kasur	To:	BEMSOL Pvt. Ltd. Lahore

Our Ref. No. CL/	CED/ 8999	Dated:	01-06-22	Test Specification
Your Ref. No.	BPL/202205281	Dated:	28-05-22	(BS 1881-116)

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

Specime	ens received on:	3	0-05	-22	Tested on:	31-0	5-22	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)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	TM # 01 11 Mpa	19	5	2022	6x6x6		7.4	36	10	622		Non Engraved
2	TM # 01 11 Mpa	19	5	2022	6x6x6		7.4	36	13	809		Non Engraved
3	TM # 01 11 Mpa	19	5	2022	6x6x6		7.6	36	12	747		Non Engraved
4							-					
5					-	RINE	RIATE					
6					-	I READ IN						
7						DHE NHOLE <u>OE</u> THY LORD WHO	14.9	EB				
8					- 451			UNI I				
9					-		ł					
10						(A	- Ret					
11							I					
12												
13												
14												
15												
16												
Witness	ed 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

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

	Plain and Reinforced Concrete Laboratory Civil Engineering Department University of Engineering and Technology, Lahore. Pakistan Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895	A ti
То:	Mr. Zulfiqar Mustafa (Head of Operations) BEMSOL Pvt. Ltd. Lahore Project: Trial Mix Design for StarchPack Greenfield at Kasur	

Our Ref. No. CL/	CED/ 9000	Dated	l: 01-06-22	Test Specification
Your Ref. No.	BPL/202205282	Dated	l: 28-05-22	(BS 1881-116)

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

Specim	ens received on:	3	0-05	-22	Tested on:	31-0)5-22	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	TM # 02 11 Mpa	19	5	2022	6x6x6		7.2	36	7	436		Non Engraved
2	TM # 02 11 Mpa	19	5	2022	6x6x6		7	36	6	373		Non Engraved
3	TM # 02 11 Mpa	19	5	2022	6x6x6		6.8	36	5	311		Non Engraved
4												
5						RINE	RINE					
6						READ IN						
7						DHE NAME OF THY LORD VIND	- J					
8					us la							
9							-					
10					<	-LA	INRE .					
11												
12												
13												
14												
15												
16												
Witness	ed 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

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

	Plain and Reinforced Concrete Laboratory Civil Engineering Department University of Engineering and Technology, Lahore. Pakistan Landline: 042-99029245 & 042-99029202Mobile: 0307-0496895	
То:	Mr. Zulfiqar Mustafa (Head of Operations) BEMSOL Pvt. Ltd. Lahore	
	Project: Trial Mix Design for StarchPack Greenfield at Kasur	

Our Ref. No. CL/	CED/ 9001	Dated:	01-06-22	Test Specification
Your Ref. No.	BPL/202205283	Dated:	28-05-22	(BS 1881-116)

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

Specime	ens received on:	3	0-05	-22	Tested on:	31-0	5-22	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	TM # 03 35 Mpa	20	5	2022	6x6x6		8.6	36	110	6844		Non Engraved
2	TM # 03 35 Mpa	20	5	2022	6x6x6		8.6	36	112	6969		Non Engraved
3	TM # 03 35 Mpa	20	5	2022	6x6x6		8.6	36	113	7031		Non Engraved
4												
5						RINE	RINTE					
6						I READ W						
7						DHE NHOLE OF THY LORD VIND	17	EB				
8					ISN /							
9							1					
10					<	-LA	INRE .					
11												
12												
13												
14												
15												
16												
Witness	ed by: Nil											

ninesseu by. Inn

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.

	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.
I	Mr. Zulfiqar Mustafa (Head of Operations) BEMSOL Pvt. Ltd. Lahore Project: Trial Mix Design for StarchPack Greenfield at Kasur	3348 Dr. Aqsa

Our Ref. No. CL/	CED/ 9002	Dated	01-06-22	Test Specification
Your Ref. No.	BPL/202205284	Dated	28-05-22	(BS 1881-116)

COMPRESSION TEST REPORT

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

Specim	ens received on:	3	0-05	-22	Tested on:	31-0	5-22	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	TM # 05 35 Mpa	21	5	2022	6x6x6		8.4	36	104	6471		Non Engraved
2	TM # 05 35 Mpa	21	5	2022	6x6x6		8.4	36	85	5289		Non Engraved
3	TM # 05 35 Mpa	21	5	2022	6x6x6		8.6	36	106	6596		Non Engraved
4												
5					/	RINE	RIATE					
6					>	I READ IN						
7						DHE NHOLE OE THY LORD VIND	149	EB				
8					188							
9						-						
10					<	-LA	INR E					
11												
12												
13												
14												
15												
16												
Witness	ed 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

 $\underline{\textbf{Note:}}$ 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	
BEM	ulfiqar Mustafa (Head of Operations) SOL Pvt. Ltd. Lahore ect: Trial Mix Design for StarchPack Greenfield at Kasur	

Our Ref. No. CL/	CED/ 9003	Dated:	01-06-22	Test Specification
Your Ref. No.	BPL/202205285	Dated:	28-05-22	(BS 1881-116)

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

Specim	ens received on:	3	0-05	-22	Tested on:	31-0)5-22	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)			Water Absorpti on (%)	Remarks
1	TM # 04 35 Mpa	21	5	2022	6x6x6		8.6	36	85	5289		Non Engraved
2	TM # 04 35 Mpa	21	5	2022	6x6x6		8.4	36	95	5911		Non Engraved
3	TM # 04 35 Mpa	21	5	2022	6x6x6		8.4	36	92	5724		Non Engraved
4												
5						RINE	RIATE					
6						T READ IN						
7						DHE NIKKE OF THY LORD VIVIO						
8					ISN.							
9					-		1					
10						[A	INRE.					
11												
12												
13												
14												
15												
16												
Witness	ed by: Nil											

ninesseu by. Inn

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.



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

> 3348 Dr. Aqsa

ORIGINAL



To: Lt. General Muhammad Zaki (Retd.)

0

Project: Construction of Commercial Building 49-C, DHA Phase-6, Lahore.

Our Ref. No. CL/CED/ 9004	Dated:	01-06-22	Test Specification
Your Ref. No. Nil	Dated:	Nil	(ASTM C39)

COMPRESSION TEST REPORT

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

Specim	ens received on:	3	1-05	-22	Tested on:	01-0)6-22	in dry/we	t condition			ONLINE REPORT
Sr. No.	Mark*		•	Date*	Size	Wet Weight	Dry Weight	Area of X-Section		Ultimate Stress	Water Absorpti on (%)	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	011 (70)	
1	With Sika Chem. (4000 Psi)	24	5	2022	6Diax12		13	28.28	39	3089		Engraved
2	With Sika Chem. (4000 Psi)	24	5	2022	6Diax12		12.2	28.28	49	3881		Engraved
3	With Sika Chem. (4000 Psi)	24	5	2022	6Diax12		11.8	28.28	43	3406		Engraved
4	Without Sika Chem. (4000 Psi)	24	5	2022	6Diax12		13.8	28.28	37	2931		Engraved
5	Without Sika Chem. (4000 Psi)	24	5	2022	6Diax12	RINE	RI 13	28.28	35	2772		Engraved
6	Without Sika Chem. (4000 Psi)	24	5	2022	6Diax12	I READ IN	13.2	28.28	37	2931		Engraved
7						DHE NACLE <u>OE</u> THY LORO WHO		EB				
8					4.81			HND				
9						×	- 5	7				
10					<	-4	IORE .					
11												
12												
13												
14												
15												
16												
Witness	ed by: Nil											

vitnessea 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 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.

Director/Dy. Director Concrete Laboratory



3359



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

3241 Dr. Aqsa

To: Mr. Sh. Muhammad Tariq, Engineer REC The Help Care Society (TAC) (M/S Muhammad Ashfaq Ch & Sons (Pvt) Ltd. Contractor)

Project: Construction of Extension Block (The Help Care Society) TAC School Johar Town Lahore.

Our Ref. No. CL/CED/ 9005	Dated:	01-06-22	Test Specification
Your Ref. No. JTC EXT-19	Dated:	11-05-22	(BS 3921**)

COMPRESSION TEST REPORT



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

Specim	ens received on:	1	1-05	-22	Tested on:	31/5	/2022	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	МТ				8.7 x 4.1 x 3	3725	3405	35.67	51	3203	9.4	
2	МТ				8.7 x 4.1 x 3	3705	3380	35.67	43	2700	9.62	
3	МТ				8.7 x 4.3 x 3	3765	3385	37.41	46	2754	11.23	
4	МТ				8.7 x 4.2 x 2.9	3805	3350	36.54	46	2820	13.58	
5	МТ				8.7 x 4.1 x 2.9	3730	3305	35.67	45	2826	12.86	
6					>	I NEAD IN	Sala De					
7					11	DHE NAME COE THY LORID WHO	191	EP				
8					4.51							
9						2	- 5	7				
10					<	-14	IORE °					
11												
12												
13												
14												
15												
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

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.

3241 Dr. Aqsa

To: Mr. Sh. Muhammad Tariq, Engineer REC The Help Care Society (TAC) (M/S Muhammad Ashfaq Ch & Sons (Pvt) Ltd. Contractor)

Project: Construction of Extension Block (The Help Care Society) TAC School Johar Town Lahore.

Our Ref. No. CL/CED/ 9006	Dated:	01-06-22	Test Specification
Your Ref. No. JTC EXT-19	Dated:	11-05-22	(BS 3921**)

COMPRESSION TEST REPORT



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

Specimo	ens received on:	1	1-05	-22	Tested on:	31/5	/2022	in dry/we	t condition			ONLINE REPORT
Sr. No.	Mark*		•	Date*	Size	Wet Weight		Area of X-Section	load	Ultimate Stress	Water Absorpti on (%)	Remarks
		DD	MM	ΥΥΥΥ	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)		
1	НМ				8.8 x 4.2 x 3.1	3810	3415	36.96	54	3273	11.57	
2	НМ				8.7 x 4.2 x 3	3695	3305	36.54	45	2759	11.8	
3	НМ				8.7 x 4.2 x 3.1	3810	3475	36.54	56	3433	9.64	
4	НМ				8.8 x 4.2 x 3.1	3770	3365	36.96	44	2667	12.04	
5	НМ				8.8 x 4.2 x 3	3765	3385	36.96	46	2788	11.23	
6					>	T READIN	Sale De					
7						CE THY CORD WHE						
8					481							
9						2	- 5	Z				
10					<	-LA	IORE ?					
11												
12												
13												
14												
15												
16												
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

Plain and Reinforced Co Civil Engineering Dep University of Engineering and Technolog Landline: 042-99029245 & 042-99029202	artment	ORIGINAL A carbon copy for the report has been retained in the lab for record.
 Divisional Officer dings Sub Division, Shahkot.		3259 Dr. Aqsa
ect: Establishment of Trauma Center in THQ Hospita	I Shahkot District Nankana Sahib (ADP No. 8	875 FY

2021-22) (Boundary Wall Left, Back, & Right Side upto Plinth Beam).									
Our Ref. No. CL/CED/ 9007	Dated:	01-06-22	Test Specification						
Your Ref. No. 2698-A/Skt	Dated:	30/3/2022	(BS 3921**)						



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

Specim	ens received on:	10	6/5/2	022	Tested on:	31/5	/2022	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	Machine Made, Double Line				8.7 x 4.2 x 2.7	3320	2820	36.54	75	4598	17.73	
2	Machine Made, Double Line				8.8 x 4.2 x 2.7	3390	2870	36.96	37	2242	18.12	
3	Machine Made, Double Line				8.7 x 4.2 x 2.8	3390	2855	36.54	33	2023	18.74	
4	Machine Made, Double Line				8.6 x 4 x 2.9	3125	2595	34.4	25	1628	20.42	
5	Machine Made, Double Line				8.6 x 4.2 x 2.7	3230	2775	36.12	36	2233	16.4	
6						I HEAD IN						
7					11	DHE NHOLE OE THY LORD WHO		EB				
8					188			IND.				
9						-	-					
10					<	-14	ORE					
11												
12												
13												
14												
15												
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 compressive 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.
То:	Sub Divisional Officer Buildings Sub Division, Shahkot	3259 Dr. Aqsa
	Project: Establishment of Trauma Center in THQ Hospital Shahkot District Nankana Sahib (ADP No. 875 FY	

2021-22) (Above	Plinth Beam)	-			
Our Ref. No. CL/0	ED/ 9008	Γ	Dated:	01-06-22	Test Specification
Your Ref. No.	2746/Skt	Γ	Dated:	26/4/2022	(BS 3921**)



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

Specim	ens received on:	10	6/5/2	022	Tested on:	31/5	/2022	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	S.G				8.7 x 4.2 x 2.7	3205	2770	36.54	49	3004	15.7	
2	S.G				8.6 x 4.2 x 2.6	3255	2900	36.12	38	2357	12.24	
3	S.G				8.5 x 4 x 2.7	3130	2860	34	57	3755	9.44	
4	S.G				8.6 x 4.2 x 2.8	3270	2895	36.12	42	2605	12.95	
5	S.G				8.7 x 4.1 x 2.7	3225	2865	35.67	35	2198	12.57	
6						C MEADIN	Sant D					
7						DE NACE CETHY CORD VAR		F				
8					481							
9						à	- 5	,				
10					<	-LA	INRE .					
11												
12												
13												
14												
15												
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 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 the lab for record.

> 3339 Dr. Aqsa

To: Mr. Muhammad Azhar, Resident Engineer, Barrage, IBC. Islam Barrage Consultants (IBC). (Contractor; M/s DESCON Engineering Limited)

Project: Rehabilitation and Modernization of Islam Barrage. (Rehabilitation of Model Room Building)

Our Ref. No. CL/	CED/ 9009	Dated:	01-06-22	Test Specification
Your Ref. No.	IBC/RE/UET/007	Dated:	26/5/2022	()

COMPRESSION TEST REPORT

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

Specime	27/5/2022 Tested on:			Tested on:	31/5/2022		in dry/wet condition				ONLINE REPORT	
Sr. No.	Mark*	Casting Date*			Size	Wet Weight		Area of X-Section	load		Water Absorpti on (%)	Remarks
		DD MM YYYY		YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	011 (70)	
1	I-Section, Grey 60mm				2.3 Thick		3895	37.44	143	8556		
2	I-Section, Grey 60mm				2.3 Thick		3880	37.44	158	9453		
3	I-Section, Grey 60mm				2.3 Thick		3840	37.44	169	10111		
4	I-Section, Grey 60mm				2.3 Thick		3920	37.44	145	8675		
5	I-Section, Grey 60mm				2.3 Thick	ARTNE	4040	37.44	130	7778		
6)	READ IN	NOT THE					
7						DHE NAME OF THY CORD WHO	-4	EF				
8												
9							-					
10					<	-LA	INRE .					
11												
12												
13												
14												
15												
16												

vitnessed 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 comprensive strength

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



the lab for record. 3333

Dr. Umbreen

ORIGINAL

To: Mr. Muhammad Shahbaz Imperium Hospitality (PVT) LTD.

Project: Nil				
Our Ref. No. CL/	CED/ 9010	Dated:	01-06-22	Test Specification
Your Ref. No.	IHPL/Con/790	Dated:	24/5/2022	()

COMPRESSION TEST REPORT

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

Specimens received on:		26/5/2022		022	Tested on:	01-06-22		in dry/wet condition				ONLINE REPORT
Sr. No.	Mark*				Size	Wet Weight		Area of X-Section			Water Absorpti on (%)	Remarks
1	Solid Block	DD			(in) 11.9 x 7.9 x 7.8	(r.g/ gms) 	(Kg/ gms) 25.4	(3q. iii) 94.01	(Imp.Tons) 114	(psi) 2716		
2	Solid Block				12 x 6 x 7.7		19.8	72	79	2458		
3	Solid Block				11.9 x 4 x 8		13	47.6	39	1835		
4	Hollow Block				15.5 x 7.9 x 7.5	/	18	68.45	45	1473		
5	Hollow Block				15.6 x 6 x 7.5	TUE	RI 15	63.66	31	1091		
6	Hollow Block				15.5 x 3.9 x 7.5	A LANDE	11.2	47.45	31	1463		
7						DHE NAME OF THEY LORD WHO	X					
8						100	and a					
9						<u></u>	- 6	V				
10					<	-LA	IORE .					
11												
12												
13												
14												
15												
16												
Witnessed by: Engr. Ali Hasnain Khan (King Concrete)												

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