

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

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> 3414 Dr. Aqsa

To: Deputy Director (Tech.)

Anti-Corruption Establishment, Bahawalpur Region, Bahawalpur

Project: Regular Enquiry No. 88/17 Water Supply Pipeline from Kudwala to Banna Post Cholistan.

Our Ref. No. CL/CED/ 9143-2 of 2 Dated: 6/21/2022 <u>Test Specification</u>

Your Ref. No. ACE-BR(DDT) 22/693 Dated: 6/9/2022 (BS 3921**)

COMPRESSION TEST REPORT

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

Specimens received on: 6/10/2022 Tested on: 6/21/2022 in dry/wet condition



Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section		Ultimate Stress	Water Absorpti	Remarks
		DD	ММ	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	т				8.6 x 4.2 x 2.8		3000	36.12	34	2109		Used Brick
2	Т				8.6 x 4.2 x 2.7		2880	36.12	18	1116		Used Brick
3	Т				8.8 x 4.1 x 2.8		2945	36.08	24	1490		Used Brick
4	Т				8.7 x 4.2 x 2.9		3065	36.54	35	2146		Used Brick
5	т				8.7 x 4.2 x 2.8	HINE	2830	36.54	20	1226		Used Brick
6	т				8.6 x 4 x 2.9	KEAU N	2955	34.4	27	1758		Used Brick
7	т				8.7 x 4.3 x 2.8	OF THY TORD WHO	2950	37.41	22	1317		Used Brick
8	Т				8.6 x 4.1 x 2.8		3015	35.26	30	1906		Used Brick
9	т				8.8 x 4.1 x 3	7	3020	36.08	23	1428		Used Brick
10	т				8.6 x 4.2 x 2.8	-LA	2915	36.12	29	1798		Used Brick
11												
12												
13												
14												
15												
16		-								-		
Witness	sed by:											

withessed by

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

- 1. * as engraved on the specimens (if any)
- 2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- 3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- 4. **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as comprerssive strength

- 1. The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
- 2. The test results are recommended to be interpreted in the light of above factors by the engineer.



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3446 Dr. Aqsa

To: Mr. Zafar Iqbal Ahmad, Admin Manager

IVCC Starch Pack Kasur

Project: Construction of Starch Pack Green Field, Kasur

Our Ref. No. CL/CED/ 9186 Dated: 6/21/2022 <u>Test Specification</u>

Your Ref. No. Nil Dated: 6/16/2022 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 6/16/2022 Tested on: 6/21/2022 in dry/wet condition



Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section		Ultimate Stress	Water Absorpti	Remarks
		DD	мм	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	Trial-04	19	5	2022	6Diax12		13.8	28.28	71	5624		Non Engraved
2	Trial-04	19	5	2022	6Diax12		13.4	28.28	59	4673		Non Engraved
3	Trial-04	19	5	2022	6Diax12		13.4	28.28	76	6020		Non Engraved
4						/						
5						THE	RING					
6)	READ IN	200					
7					3	OF THY HORD WHO CREATES	ر تیب ان کی خلق ر	133				
8								3 —				
9) [
10						-LA	IORE.					
11												
12												
13												
14												
15										-		
16												

Witnessed by:

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3443 Dr. Aqsa

To: Director PMO

UMT Lahore. (Contractor; Ikram Amjad Trader & Engineering Works).

Project: Nil

Our Ref. No. CL/CED/ 9187 Dated: 6/21/2022 <u>Test Specification</u>

Your Ref. No. Nil Dated: 6/15/2022 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 6/15/2022 Tested on: 6/21/2022 in dry/wet condition



Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Absorpti	Remarks
		DD	ММ	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	RCC Raft	20	5	2022	6Diax12		13.2	28.28	50	3960		Engraved
2	RCC Retaining Wall & Columns	8	6	2022	6Diax12		13.8	28.28	70	5545		Engraved
3	RCC Retaining Wall & Columns	8	6	2022	6Diax12		13.8	28.28	63	4990		Engraved
4	RCC Retaining Wall & Columns	8	6	2022	6Diax12		14	28.28	77	6099		Engraved
5						THE	RING					
6						READ IN	200	 -				
7					- 2	OF THY RORD WHO OREATES	ر تجب الدي خلق ر	E				
8					es			3				
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10						(A	ORL					
11												
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Witness	sed by:										•	

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> 3448 Dr. Aqsa

Test Specification

To: (Mr. Sh. Muhammad Tariq), Engineer REC

The Help Care Society (TAC)

Our Ref. No. CL/CED/ 9188

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

Muhammad Ashfaq Ch & Sons Pvt. Ltd.)

Your Ref. No. **JCT EXT-24** Dated: 6/13/2022 (ASTM C39)

Dated:

6/21/2022

COMPRESSION TEST REPORT

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

6/16/2022 Tested on: Specimens received on: 6/21/2022 in dry/wet condition



Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Absorpti	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	RCC 3rd Floor Column	16	5	2022	6Diax12		13.4	28.28	45	3564		Non Engraved
2	RCC 3rd Floor Column	16	5	2022	6Diax12		13	28.28	37	2931		Non Engraved
3	RCC 3rd Floor Column	16	5	2022	6Diax12		13	28.28	38	3010		Non Engraved
4												
5						THE	RING			-		
6						KEAD IN	200	X				
7					1 1	OF THY TORD WHO CREATES	ر تجب الدي خلق ر	E		-		
8					- FRS			3 —		-		
9				-		-		~				
10						LA	HORE.					
11												
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13												
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Witness	ed by:											

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3441 Dr. Aqsa

To: Engr. M. Akram

CE Grand City Sara-i-Alamgir, Pakistan

Project: Nil

Our Ref. No. CL/CED/ 9189 Dated: 6/21/2022 <u>Test Specification</u>

Your Ref. No. GCK/2022/043 Dated: 6/15/2022 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 6/15/2022 Tested on: 6/21/2022 in dry/wet condition



Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section		Ultimate Stress	Absorpti	Remarks
	DD	ММ	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
Culvert Deck Slab	22	5	2022	6Diax12		12.6	28.28	51	4040		Engraved
Culvert Deck Slab	22	5	2022	6Diax12		13.4	28.28	54	4277		Engraved
Culvert Deck Slab	22	5	2022	6Diax12		12.6	28.28	33	2614		Engraved
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					THE	RING					
)	KEAU N	200	X				
				- È	OF THY HORD WHO OREATES	ر تجب الذي خلق ر	E -				
				8			3 —				
				}	10						
					-14	ORE.					
	Culvert Deck Slab Culvert Deck Slab Culvert Deck Slab	Mark* DD Culvert Deck Slab 22 Culvert Deck Slab 22 Culvert Deck Slab 22	Mark* DD MM Culvert Deck Slab 22 5 Culvert Deck Slab 22 5 Culvert Deck Slab 22 5	DD MM YYYY Culvert Deck Slab 22 5 2022 Culvert Deck Slab 22 5 2022	Mark* DD MM YYYY (in) Culvert Deck Slab 22 5 2022 6Diax12 Culvert Deck Slab 22 5 2022 6Diax12 Culvert Deck Slab 22 5 2022 6Diax12	Mark* DD MM YYYY (in) (Kg/gms)	Mark* Casting Date* Size Weight Weight DD MM YYYY (in) (Kg/ gms) (Kg/ gms) Culvert Deck Slab 22 5 2022 6Diax12 13.4 Culvert Deck Slab 22 5 2022 6Diax12 12.6	Mark* Casting Date* DD MM YYYY Size Weight (Kg/ gms) Weight (Kg/ gms) X-Section (Sq. in) Culvert Deck Slab 22 5 2022 6Diax12 12.6 28.28 Culvert Deck Slab 22 5 2022 6Diax12 13.4 28.28 Culvert Deck Slab 22 5 2022 6Diax12 12.6 28.28	Mark* DD MM YYYY (in) (Kg/gms) (Kg/gms) (Kg/gms) (Sq. in) (Imp.Tons)	Mark* DD MM YYYY (in) (Kg/gms) (Kg/gms) (Kg/gms) (Kg/gms) (Kg/gms) (Kg/gms) (Kg/gms) (Kg/gms) (Kg/gms) (Imp.Tons) (psi)	Mark* Casting Date* Size Weight Weight X-Section load Stress Absorption (%)

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> 3454 Dr. Aqsa

To: Mr. Saqib Rafique, Project Manager

BEMSOL Pvt. Ltd.

Project: Starch Pack Greenfield Project at Kasur

Our Ref. No. CL/CED/ 9190 Dated: 6/21/2022 **Test Specification** Your Ref. No. BPL/202206175 Dated: 6/17/2022 (BS 1881-116)

COMPRESSION TEST REPORT

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

6/17/2022 Tested on: Specimens received on: 6/21/2022 in dry/wet condition



Sr. No.	Mark*	Casting Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Absorpti	Remarks		
		DD	ММ	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	35 MPA, TM # 04	20	5	2022	6x6x6		8.8	36	124	7716		Non Engraved
2	35 MPA, TM # 04	20	5	2022	6x6x6		8.8	36	120	7467		Non Engraved
3												
4												
5						THE	RING					
6)	READ IN	200					
7					3	OF THY	ر تجب الدي خلق ر	- 13				
8								(S)				
9						-						
10						LA	ORL					
11										-		
12				-						-		
13				1								
14				ŀ								
15				1								
16				1								
Witness	ed by:											

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> 3454 Dr. Aqsa

To: Mr. Saqib Rafique, Project Manager

BEMSOL Pvt. Ltd.

Project: Starch Pack Greenfield Project at Kasur.

Our Ref. No. CL/CED/ 9191 Dated: 6/21/2022 **Test Specification** Your Ref. No. BPL/202206173 Dated: 6/17/2022 (BS 1881-116)

COMPRESSION TEST REPORT

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

6/17/2022 Tested on: Specimens received on: 6/21/2022 in dry/wet condition



Sr. No.	Mark*	Cas	Casting Date*		Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Absorpti	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	35 MPA, TM # 05	21	5	2022	6x6x6		8.8	36	102	6347		Non Engraved
2	35 MPA, TM # 05	21	5	2022	6x6x6		8.8	36	114	7093		Non Engraved
3	35 MPA, TM # 05	21	5	2022	6x6x6		8.6	36	114	7093		Non Engraved
4										I		
5				-		THE	RING					
6					}	READ IN	207			-		
7					3	OF THY RORD WHO OREATES	ر تیب ان کی خلق ر	133				
8				-				1				
9				-		-						
10				-		(A	IORE.					
11										-		
12										-		
13										-		
14												
15							-					
16												
Witness	sed by:											

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> 3454 Dr. Aqsa

To: Mr. Saqib Rafique, Project Manager

BEMSOL Pvt. Ltd.

Project: Starch Pack Greenfield Project at Kasur.

Our Ref. No. CL/CED/ 9192 Dated: 6/21/2022 **Test Specification** Your Ref. No. BPL/202206171 Dated: 6/17/2022 (BS 1881-116)

COMPRESSION TEST REPORT

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

6/17/2022 Tested on: Specimens received on: 6/21/2022 in dry/wet condition



Sr. No.	Mark*	Casting Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Absorpti	Remarks		
		DD	ММ	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	11 MPA, TM # 01	19	5	2022	6x6x6		7.6	36	11	684		Non Engraved
2	11 MPA, TM # 01	19	5	2022	6x6x6		7.4	36	15	933		Non Engraved
3												
4												
5						THE	RING					
6)	READ IN	200					
7					3	OF THY	ر تجب الدي خلق ر	133				
8								1				
9						-						
10						LA	ORL					
11										-		
12				-						-		
13				-						-		
14				ŀ								
15				1								
16				1								
Witness	ed by:											

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3454 Dr. Aqsa

To: Mr. Saqib Rafique, Project Manager

BEMSOL Pvt. Ltd.

Project: Starch Pack Greenfield Project at Kasur.

Our Ref. No. CL/CED/ 9193 Dated: 6/21/2022 **Test Specification** Your Ref. No. BPL/202206172 Dated: 6/17/2022 (BS 1881-116)

COMPRESSION TEST REPORT

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

6/17/2022 Tested on: Specimens received on: 6/21/2022 in dry/wet condition



Sr. No.	Mark*	Cas	Casting Date*		Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Absorpti	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	11 MPA, TM # 02	19	5	2022	6x6x6		7.2	36	7	436		Non Engraved
2	11 MPA, TM # 02	19	5	2022	6x6x6		7.6	36	15	933		Non Engraved
3	11 MPA, TM # 02	19	5	2022	6x6x6		7.2	36	7	436		Non Engraved
4				-								
5				-		THE	RING					
6					}	READ IN	207			-		
7					3	OF THY RORD WHO OREATES	ر تیب ان کی خلق ر	133				
8				-				1				
9				-		-						
10				-		(A	IORE.					
11										-		
12				-						-		
13				-						-		
14												
15							-					
16												
Witness	sed by:											

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3454 Dr. Aqsa

To: Mr. Saqib Rafique, Project Manager

BEMSOL Pvt. Ltd.

Project: Starch Pack Greenfield Project at Kasur.

 Our Ref. No. CL/CED/
 9194
 Dated:
 6/21/2022
 Test Specification

 Your Ref. No.
 BPL/202206174
 Dated:
 6/17/2022
 (BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 6/17/2022 Tested on: 6/21/2022 in dry/wet condition



Sr. No.	Mark*	Casting Date* DD MM YYYY			Size	Wet Weight		Area of X-Section		Ultimate Stress	Water Absorpti on (%)	Remarks
		DD	ММ	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	011 (70)	
1	35 MPA, TM # 04	21	5	2022	6x6x6		8.6	36	94	5849		Non Engraved
2	35 MPA, TM # 04	21	5	2022	6x6x6		8.2	36	97	6036		Non Engraved
3	35 MPA, TM # 04	21	5	2022	6x6x6		8.2	36	112	6969		Non Engraved
4												
5						THE	RING					
6						READ IN	200					
7					È	OF THY RORD WHO OREATES	ر تیب ان کی خلق ر	- 53				
8								/S/				
9						-						
10						(A	IORE.					
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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 comprerssive strength

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

3449 Dr. Aqsa

To: Mr. Masoud Yazdani Sheik, SDO

Buildings Sub Division No. 20, Lahore.

Project: Construction of Women Development Office Complex Sabzazar Lahore (ADP No. 2482 for the Year

2021-2022)

Our Ref. No. CL/CED/ 9195 Dated: 6/21/2022 <u>Test Specification</u>

Your Ref. No. 286/20th Dated: 6/14/2022 (BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 6/16/2022 Tested on: 6/21/2022 in dry/wet condition



Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Absorpti	Remarks
	DD	ММ	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
	7	6	2022	6x6x6		8.6	36	81	5040		Non Engraved
Basement Slab (1:2:4)	7	6	2022	6x6x6		8.6	36	77	4791		Non Engraved
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	Basement Slab (1:2:4) Basement Slab (1:2:4)	Mark* DD Basement Slab (1:2:4) Basement Slab (1:2:4)	Mark* DD MM Basement Slab	DD MM YYYY	Mark* DD MM YYYY (in) Basement Slab (1:2:4) Basement Slab (1:2:4)	Mark* DD MM YYYY (in) (Kg/gms)	Mark* DD MM YYYY (in) (Kg/ gms) (Kg/ gms)	Mark* Casting Date* Size Weight (Kg/ gms) Weight (Kg/ gms) X-Section (Sq. in) Basement Slab (1:2:4) 7 6 2022 6x6x6 8.6 36 Basement Slab (1:2:4) 7 6 2022 6x6x6 8.6 36	Mark*	Mark* Casting Date* Size Weight Weight X-Section (Sq. in) (Imp.Tons) Stress (psi) Basement Slab (1:2:4) 7 6 2022 6x6x6 8.6 36 81 5040 Basement Slab (1:2:4) 7 6 2022 6x6x6 8.6 36 77 4791	Mark* Casting Date* Size Weight Weight Weight X-Section load Stress Absorption (%)

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

> 3422 Dr. Aqsa

To: For Ali's Asphalts Associates

104-A Muhafiz Town, 16-km Multan Road, Lahore

Project: Roomi Fabrics Project

Our Ref. No. CL/CED/ 9196 6/21/2022 Dated: **Test Specification**

Your Ref. No. Nil Dated: 6/13/2022 (BS 3921**)

COMPRESSION TEST REPORT

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

6/13/2022 Tested on: 6/21/2022 Specimens received on: in dry/wet condition



Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section		Ultimate Stress	Absorpti	Remarks
		DD	ММ	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	ss				8.7 x 4.2 x 2.9		2940	36.54	50	3065		
2	SS				8.7 x 4.2 x 2.8		2895	36.54	49	3004		
3	7				8.7 x 4.1 x 2.8		2790	35.67	43	2700		
4	7				8.7 x 4.1 x 2.8		2795	35.67	44	2763		
5	В				8.8 x 4.2 x 2.8	THINE	2995	36.96	45	2727		
6	В				8.7 x 4.1 x 2.9	KEAU N	2855	35.67	47	2951		
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A carbon copy for the report has been retained in the lab for record.

> 3394 Dr. Aqsa

To: Engr. Tajammal Farooq (RE-AZEA)

QABP - Sheikhupura

Project: Construction of Multipurpose Complex (MPC) at Quaid-e-Azam Business Park (QABP) on M-2

Motorway, Sheikhupura.
Our Ref. No. CL/CED/ 9197

Motorway, Sheikhupura.

Your Ref. No. RE/AZE/MPC-210

Test Specification

6/21/2022

4/20/2022

Dated:

Dated:

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COMPRESSION TEST REPORT

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

Specimens received on: 6/6/2022 Tested on: 6/21/2022 in dry/wet condition



Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section		Ultimate Stress	Absorpti	Remarks
		DD	ММ	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	М				8.7 x 4.2 x 2.8	3445	3090	36.54	35	2146	11.49	
2	М				8.7 x 4.3 x 2.8	3470	3105	37.41	37	2215	11.76	
3	М				8.7 x 4.1 x 2.8	3410	3085	35.67	33	2072	10.53	
4	М				8.6 x 4.1 x 2.6	3335	3085	35.26	47	2986	8.1	
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> 3392 Dr. Aqsa

To: Mr. Ameen Udden, PM Project

Majeed Associates (Pvt.) Ltd. Karachi

Project: ABL Bahria Orchad Lahore.

Our Ref. No. CL/CED/ 9198

6/21/2022 Dated: **Test Specification** Your Ref. No. Nil 6/6/2022 (BS 3921**) Dated:

COMPRESSION TEST REPORT

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

6/6/2022 Tested on: 6/21/2022 Specimens received on: in dry/wet condition



Mark*	Casting Date*			Size	Wet Weight	Dry Weight	Area of Ultimate C-Section load	Ultimate Stress	Absorpti	Remarks	
	DD	ММ	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
K 7				8.9 x 4.3 x 3	3730	3325	38.27	43	2517	12.18	
K7				8.8 x 4.2 x 2.9	3540	3150	36.96	47	2848	12.38	
K7				8.7 x 4.2 x 3	3630	3275	36.54	45	2759	10.84	
K7				8.7 x 4.3 x 2.9	3650	3250	37.41	54	3233	12.31	
K7				8.8 x 4.4 x 3	3820	3355	38.72	35	2025	13.86	
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	K7 K7 K7 K7	Mark* DD K7 K7 K7 K7 -	Mark* DD MM K7 K7 K7 K7	Mark* DD MM YYYY K7 K7 K7 K7	Mark* DD MM YYYY (in) K7 8.9 x 4.3 x 3 K7 8.8 x 4.2 x 2.9 K7 8.7 x 4.3 x 2.9 K7 8.8 x 4.4 x 3	Mark* DD MM YYYY (in) (Kg/gms) K7 8.9 x 4.3 x 3 3730 K7 8.8 x 4.2 x 2.9 3540 K7 8.7 x 4.2 x 3 3630 K7 8.8 x 4.4 x 3 3820 K7 8.8 x 4.4 x 3 3820	Mark* Casting Date Size Weight Weight DD MM YYYY (in) (Kg/ gms) (Kg/ gms) K7 8.9 x 4.3 x 3 3730 3325 K7 8.8 x 4.2 x 2.9 3540 3150 K7 8.7 x 4.2 x 3 3630 3275 K7 8.8 x 4.4 x 3 3820 3355	Mark* Casting Date* Size Weight Weight X-Section (Kg/ gms) (Kg/ gms) (Kg/ gms) (Sq. in) K7 8.9 x 4.3 x 3 3730 3325 38.27 K7 8.8 x 4.2 x 2.9 3540 3150 36.96 K7 8.7 x 4.2 x 3 3630 3275 36.54 K7 8.7 x 4.3 x 2.9 3650 3250 37.41 K7 8.8 x 4.4 x 3 3820 3355 38.72	Mark*	Mark* Casting Date* Size Weight Weight X-Section load Stress (kg/gms) (kg/gms)	Mark* Casting Date* Size Weight Weight X-Section load (Sq. in) (Imp.Tons) (psi) on (%) K7 8.9 x 4.3 x 3 3730 3325 38.27 43 2517 12.18 K7 8.8 x 4.2 x 2.9 3540 3150 36.96 47 2848 12.38 K7 8.7 x 4.2 x 3 3630 3275 36.54 45 2759 10.84 K7 8.7 x 4.3 x 2.9 3650 3250 37.41 54 3233 12.31 K7 8.8 x 4.4 x 3 3820 3355 38.72 35 2025 13.86 8.8 x 4.4 x 3 3820 3355 38.72 35 2025 13.86

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> 3444 Dr. Aqsa

To: Mr. Shamim Ahmad Khan Niazi, Sales Manager

Hassan Construction Company, Contractor & Developers

Project: Nil

Our Ref. No. CL/CED/ 9199 Dated: 6/21/2022 <u>Test Specification</u>

Your Ref. No. Nil Dated: 6/14/2022 (----

COMPRESSION TEST REPORT

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

Specimens received on: 6/16/2022 Tested on: 6/21/2022 in dry/wet condition



Sr. No.	Mark*	Casting Date*			Size	Wet Weight	Dry Weight	Area of X-Section		Stress Abs	Absorpti	Remarks
		DD	ММ	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	Hollow Block				15.8 x 3.9 x 8		13.2	44.64	27	1355		
2	Hollow Block				15.8 x 3.9 x 8		12.4	44.64	23	1154		
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Results can also be seen on website https://civil.uet.edu.pk/concrete-laboratory-reports1/

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