

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



#### To: Manager

ABL-SIER P#12, AMCORP Engineering & Construction (Pvt) Limited

Project: Construction of ABL Proposed Commercial Building Sunder Industrial Plot No. 12

Our Ref. No. CL/	CED/ 2296	Dated:	05-07-23
Your Ref. No.	ABL-SIER-AMC-QAQC-21	Dated:	18/6/2023

## COMPRESSION TEST REPORT

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

				Tested on:		07-23	in dry/wet condition		Ľ	jester j	
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 (%)	
Sample #7	11	6	2023	6Diax12		13.2	28.28	63	4990		Non Engraved
Sample #8	11	6	2023	6Diax12		13.2	28.28	63	4990		Non Engraved
Footing- P#12 Sample #9	11	6	2023	6Diax12		13.2	28.28	63	4990		Non Engraved
	Footing- P#12 Sample #7 Footing- P#12 Sample #8 Footing- P#12 Sample #9        -	Mark*      DD        Footing- P#12      11        Footing- P#12      11        Sample #8      11        Footing- P#12      11        Sample #9      11        Footing- P#12      11        Sample #9      11	Mark*      DD      MM        Footing- P#12      11      6        Sample #8      11      6        Footing- P#12      11      6        Sample #9      11      6	Mark*      DD      MM VYYY        Footing- P#12 Sample #7      11      6      2023        Footing- P#12 Sample #8      11      6      2023        Footing- P#12 Sample #9      11      6      2023        Footing- P#12 Sample #9      11      6      2023	Mark*      DD      MM YYYY      (in)        Footing- P#12 Sample #7      11      6      2023      6Diax12        Footing- P#12 Sample #8      11      6      2023      6Diax12        Footing- P#12 Sample #8      11      6      2023      6Diax12        Footing- P#12 Sample #9      11      6      2023      6Diax12	Mark*      DD      MM YYYY      (in)      (Kg/ gms)        Footing- P#12 Sample #7      11      6      2023      6Diax12         Footing- P#12 Sample #8      11      6      2023      6Diax12         Footing- P#12 Sample #9      11      6      2023      6Diax12         Footing- P#12 Sample #9      11      6      2023      6Diax12	Mark*      DD      MM YYYY      (in)      (Kg/ gms)      (Kg/ gms)        Footing- P#12 Sample #7      11      6      2023      6Diax12       13.2        Footing- P#12 Sample #8      11      6      2023      6Diax12       13.2        Footing- P#12 Sample #9      11      6      2023      6Diax12       13.2        Footing- P#12 Sample #9      11      6      2023      6Diax12       13.2        Footing- P#12 Sample #9      11      6      2023      6Diax12       13.2             13.2         Sample #9      11      6      2023      6Diax12       13.2	Mark*      DD      MM YYYY      (in)      (Kg/ gms)      (Kg/ gms)      (Sq. in)        Footing- P#12 Sample #7      11      6      2023      6Diax12       13.2      28.28        Footing- P#12 Sample #8      11      6      2023      6Diax12       13.2      28.28        Footing- P#12 Sample #8      11      6      2023      6Diax12       13.2      28.28        Footing- P#12 Sample #9      11      6      2023      6Diax12       13.2      28.28            13.2      28.28        Footing- P#12 Sample #9      11      6      2023      6Diax12       13.2      28.28	Mark*      DD      MM YYYY      (in)      (Kg/ gms)      (Kg/ gms)      (Sq. in)      (Imp.Tons)        Footing- P#12 Sample #7      11      6      2023      6Diax12       13.2      28.28      63        Footing- P#12 Sample #8      11      6      2023      6Diax12       13.2      28.28      63        Footing- P#12 Sample #8      11      6      2023      6Diax12       13.2      28.28      63        Footing- P#12 Sample #9      11      6      2023      6Diax12       13.2      28.28      63           13.2      28.28      63             13.2      28.28      63	Mark*      DD      MM      YYYY      (in)      (Kg/ gms)      (Kg/ gms)      (Sq. in)      (Imp. Tons)      (psi)        Footing-P#12      11      6      2023      6Diax12       13.2      28.28      63      4990        Footing-P#12      11      6      2023      6Diax12       13.2      28.28      63      4990        Sample #8      11      6      2023      6Diax12       13.2      28.28      63      4990        Sample #8      11      6      2023      6Diax12       13.2      28.28      63      4990        Sample #8      11      6      2023      6Diax12       13.2      28.28      63      4990            13.2      28.28      63      4990	Mark*      DD      MM      YYYY      (in)      (Kg/ gms)      (Kg/ gms)      (Sq. in)      Ioad      Stress      Absorption (%)        Footing-P#12      11      6      2023      6Diax12       13.2      28.28      63      4990         Footing-P#12      11      6      2023      6Diax12       13.2      28.28      63      4990         Footing-P#12      11      6      2023      6Diax12       13.2      28.28      63      4990         Sample #3      11      6      2023      6Diax12       13.2      28.28      63      4990         Sample #3      11      6      2023      6Diax12       13.2      28.28      63      4990         Sample #3      11      6      2023      6Diax12       13.2      28.28      63      4990

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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 comprerssive 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.

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

> 5431 Dr. Umbreen

Test Specification (ASTM C39)

Supervisor	(Lab)
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### **Director/Dy. Director Concrete Laboratory**



**Civil Engineering Department** University of Engineering and Technology, Lahore. Pakistan

Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895



#### To: Manager

ABL-SIER P#12, AMCORP Engineering & Construction (Pvt) Limited

Project: Construction of ABL Proposed Commercial Building Sunder Industrial Plot No. 12

Our Ref. No. CL/	CED/ 2297	Dated:	05-07-23
Your Ref. No.	ABL-SIER-AMC-QAQC-22	Dated:	19/6/2023

## COMPRESSION TEST REPORT

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

Specim	ens received on:	19	9/6/2	023	Tested on:	05-0	)7-23	in dry/wet condition			Ë	je stano
Sr. No.	Mark*		•	Date*	Size	Wet Weight		Area of X-Section		Ultimate Stress	Absorpti	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	Footing- P#12 Sample #13	12	6	2023	6Diax12		13.4	28.28	71	5624		Non Engraved
2	Footing- P#12 Sample #14	12	6	2023	6Diax12		13.2	28.28	67	5307		Non Engraved
3	Footing- P#12 Sample #16	12	6	2023	6Diax12		13	28.28	65	5149		Non Engraved
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> 5431 Dr. Umbreen

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Test Specification (ASTM C39)





Mobile: 0307-0496895

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> 5431 Dr. Umbreen

Test Specification (ASTM C39)

#### To: Manager

ABL-SIER P#12, AMCORP Engineering & Construction (Pvt) Limited

Landline: 042-99029245 & 042-99029202

Project: Construction of ABL Proposed Commercial Building Sunder Industrial Plot No. 12

**Civil Engineering Department** 

University of Engineering and Technology, Lahore. Pakistan

Our Ref. No. CL/	CED/ 2298	Dated:	05-07-23
Your Ref. No.	ABL-SIER-AMC-QAQC-23	Dated:	19/6/2023

### COMPRESSION TEST REPORT

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

Specim	ens received on:	19	9/6/2	023	Tested on:	05-0	)7-23	in dry/wet condition			Ċ	jesteg
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	P#12 Sample #19	12	6	2023	6Diax12		13.2	28.28	59	4673		Non Engraved
2	P#12 Sample #20	12	6	2023	6Diax12		13	28.28	57	4515		Non Engraved
3	P#12 Sample #21	12	6	2023	6Diax12		13.2	28.28	63	4990		Non Engraved
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Witnessed by:												

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





To:

**Resident Engineer, NEW Vision Engineering Consultant** 

Project: Pilot Program for Hub & Spoke Model at Zahir Pir, Rahim Yar Khan

Our Ref. No. CL/	CED/ 2299	Dated:	05-07-23
Your Ref. No.	NVEC/IDAP-ZPP/MF/0054	Dated:	24/6/2023

### COMPRESSION TEST REPORT

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

Specimens received on:			/7/20	)23	Tested on:	05-07-23		in dry/wet condition			Ľ.			
Sr. No.	Mark*	Cas	•	Date*	Size	Wet 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 (%)			
1	Lab Cured (3083) (3000 Psi)	22	5	2023	6Diax12		12.6	28.28	47	3723		Non Engraved		
2	Lab Cured (3084) (3000 Psi)	22	5	2023	6Diax12		12.2	28.28	55	4356		Non Engraved		
3	Lab Cured (3085) (3000 Psi)	22	5	2023	6Diax12		12.2	28.28	45	3564		Non Engraved		
4	Site Cured (3098) (4000 Psi)	22	5	2023	6Diax12		12.8	28.28	49	3881		Non Engraved		
5	Site Cured (3099) (4000 Psi)	22	5	2023	6Diax12		12	28.28	45	3564		Non Engraved		
6	Site Cured (3100) (4000 Psi)	22	5	2023	6Diax12		13.4	28.28	63	4990		Non Engraved		
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5485 Dr. Umbreen

Test Specification (ASTM C39)

Supe	rvisor	(Lab)
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### **Director/Dy. Director Concrete Laboratory**

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a start	Plain and Reinforced Concrete Labor	catory	ORIGINAL A carbon copy for
	Civil Engineering Department		the report has been retained in
	University of Engineering and Technology, Lahore. Pakistan		the lab for record.
	Landline: 042-99029245 & 042-99029202 Mobile: 0307-04968	95	
	· AHORE ·		5472 Dr. Umbreen
To:	Sub Divisional Officer		
	Buildings Sub Division No. 15, Lahore		
	Project: Construction of Bachelor Accommodation and Judicial Rest House at Lahore. (Third Floor Slab, Family Block)	Dharampura District,	
	Our Ref. No. CL/CED/ 2300 Dated:	05-07-23	Test Specification
	Your Ref. No. 3341 Dated:	21/6/2023	(ASTM C39)

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# **COMPRESSION TEST REPORT**

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

Specimens received on:		23/6/2023 Tested on:		05-07-23 ir		in dry/wet condition			F. D	ies de la		
Sr. No.	Mark*	Casting Date*			Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate Ioad (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	3000 Psi	23	5	2023	6Diax12		13	28.28	53	4198		Non Engraved
2	3000 Psi	23	5	2023	6Diax12		13.4	28.28	59	4673		Non Engraved
3	3000 Psi	23	5	2023	6Diax12		12.8	28.28	55	4356		Non Engraved
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Witnessed by:												

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

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	ORIGINAL A carbon copy for			
	Civil Engineering Depart	ment		the report has been retained in
	University of Engineering and Technology, La	hore. Pakistan		the lab for record.
	Landline: 042-99029245 & 042-99029202 M	obile: 0307-04968	95	
	24HDR	E P		5472 Dr. Umbreen
To:	Sub Divisional Officer			
	Buildings Sub Division No. 15, Lahore			
	Project: Construction of Bachelor Accommodation and Judici Lahore. (Columns, Basement (i) Bachelor Block)			
	Our Ref. No. CL/CED/ 2301	Dated:	05-07-23	Test Specification
	Your Ref. No. 3343	Dated:	21/6/2023	(ASTM C39)

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# **COMPRESSION TEST REPORT**

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

Specimens received on:		2	23/6/2023 Tested on:		05-07-23		in dry/wet condition				ie de la companya de	
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	5000 Psi	25	5	2023	6Diax12		13.6	28.28	79	6257		Non Engraved
2	5000 Psi	25	5	2023	6Diax12		13.4	28.28	81	6416		Non Engraved
3	5000 Psi	25	5	2023	6Diax12		13.2	28.28	69	5465		Non Engraved
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	Plain and Reinforced Concre	te Labo	ratory	ORIGINAL A carbon copy for
	Civil Engineering Departm	ent		the report has been retained in
-	University of Engineering and Technology, Laho	re. Pakistan		the lab for record.
	Landline: 042-99029245 & 042-99029202 Mobi	le: 0307-04968	95	
	AHORE			5472 Dr. Umbreen
To:	Sub Divisional Officer Buildings Sub Division No. 15, Lahore			
	Project: Construction of Bachelor Accommodation and Judicial F Lahore. (Retaining Wall, Basement (i) Bachelor Block)	Rest House at	Dharampura District,	
	Our Ref. No. CL/CED/ 2302	Dated:	05-07-23	Test Specification
	Your Ref. No. 3345	Dated:	21/6/2023	(ASTM C39)

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# **COMPRESSION TEST REPORT**

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

Specimens received on:		23/6/2023 Tested on:		05-07-23		in dry/wet condition				iester,		
Sr. No.	Mark*	Cas	•	Date* YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate Ioad (Imp.Tons)		Water Absorpti on (%)	Remarks
1	5000 Psi	25	5	2023	6Diax12		13.6	28.28	88	6970		Non Engraved
2	5000 Psi	25	5	2023	6Diax12		13.8	28.28	59	4673		Non Engraved
3	5000 Psi	25	5	2023	6Diax12		13.2	28.28	83	6574		Non Engraved
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