

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

> 4293 Dr. Mazhar

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

Project: Nil				
Our Ref. No. CL/C	ED/ 494	Dated:	30/11/2022	Test Specification
Your Ref. No.	VA/29/51	Dated:	18/11/2022	(ASTM C39)

# **COMPRESSION TEST REPORT**

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

Specim	ens received on:	21	/11/2	2022	Tested on:	30/11	/2022	in dry/we	t condition		Ē	je ska sj
Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate Ioad	Ultimate Stress	Water Absorpti	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	011 (76)	
1	Upper Basement (Slab Pour-3)	5	10	2022	6Diax12		13	28.28	53	4198		Non Engraved
2	Upper Basement (Slab Pour-3)	5	10	2022	6Diax12		13.6	28.28	57	4515		Non Engraved
3	Upper Basement (Slab Pour-3)	5	10	2022	6Diax12		14	28.28	67	5307		Non Engraved
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16												
Witness	sed by: Mr. Muham	nmad	Khu	ırram.	CNIC 35201-24	458690-9						

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

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



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4293 Dr. Mazhar

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

Project: Nil				
Our Ref. No. CL/C	ED/ 495	Dated:	30/11/2022	Test Specification
Your Ref. No.	VA/29/52	Dated:	18/11/2022	(ASTM C39)

# **COMPRESSION TEST REPORT**

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

Specim	ens received on:	21	/11/2	2022	Tested on:	30/11	/2022	in dry/we	t condition		Ö	jester
Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Water Absorpti on (%)	Remarks
	Unner Decement	עט		YYYY	(in)	(Kg/gms)	(Kg/ gms)	(Sq. in)	(Imp. I ons)	(psi)	- ()	
1	(Slab Pour-4)	7	10	2022	6Diax12		14	28.28	63	4990		Non Engraved
2	Upper Basement (Slab Pour-4)	7	10	2022	6Diax12		14	28.28	71	5624		Non Engraved
3	Upper Basement (Slab Pour-4)	7	10	2022	6Diax12		13.2	28.28	51	4040		Non Engraved
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16												
Witness	ed by: Mr. Muham	nmad	Khu	ırram.	CNIC 35201-24	458690-9						

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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



Astral Constructions (Pvt) Ltd

Project: Construction of McDonald, Etihad Town, Lahore.

Our Ref. No. CL	/CED/ 496	Dated:	30/11/2022	Test Specification
Your Ref. No.	AST/MCD22	Dated:	29/11/2022	(ASTM C39)

# COMPRESSION TEST REPORT

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

Specim	ens received on:	29	/11/2	2022	Tested on:	30/11	/2022	in dry/we	t condition		Ë	<b>162366</b> 66
Sr. No.	Mark*	Cas DD	ting MM	Date* YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate Ioad (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1		29	10	2022	6Diax12		14	28.28	61	4832		Non Engraved
2		29	10	2022	6Diax12		13.4	28.28	57	4515		Non Engraved
3		29	10	2022	6Diax12		13.2	28.28	61	4832		Non Engraved
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Witness	ad by:											

#### Nitnessed by:

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





4324 Dr. Mazhar

#### To: Mr. Mohsin Nawaz

Site Supervisor, Pakistan Rangers (Punjab)

Project: Construction of OPD Block at HQ Pakistan Rangers (Punjab).

Our Ref. No. CL/	CED/ 497	Dated:	30/11/2022	Test Specification
Your Ref. No.	2231/Works/1973	Dated:	16/11/2022	(ASTM C39)

### COMPRESSION TEST REPORT



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

Specim	ens received on:	29	)/11/2	2022	Tested on:	30/11	/2022	in dry/we	t condition		Ë	jesterij
Sr. No.	Mark*	Cas DD	ting MM	Date* YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	Plinth Beam	12	11	2022	6Diax12		14	28.28	23	1822		Engraved
2	Plinth Beam	12	11	2022	6Diax12		14	28.28	27	2139		Engraved
3	Plinth Beam	12	11	2022	6Diax12		13.8	28.28	23	1822		Engraved
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#### Nitnessed by:

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



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been retained in					
the lab for record.					

4323 Dr. Mazhar

**PRO-CON** To:

New Airport Road, Lahore Cantt.

Project: Nil			
Our Ref. No. CL/CED/ 498	Dated:	30/11/2022	Test Specification
Your Ref. No. Nil	Dated:	29/11/2022	(ASTM C39)

# COMPRESSION TEST REPORT

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



#### Witnessed by:

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



To: Mr. M. Munir, Construction Manager Minky & Associates (Pvt) Ltd.

Project: 34-S, Gul	berg II, Lahore.			
Our Ref. No. CL/C	ED/ 499	Dated	: 30/11/2022	Test Specification
Your Ref. No.	MA/UET/222522	Dated	: 28-11-22	(ASTM C39)

# **COMPRESSION TEST REPORT**

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

Specimens received on:		29/11/2022		2022	Tested on:	30/11	/2022	in dry/wet condition			目を設備用	
Sr. No.	Mark*	Cas DD	ting MM	Date* YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	UGWTW (3000 Psi)	30	9	2022	6Diax12		13.2	28.28	69	5465		Non Engraved
2	UGWTW (3000 Psi)	30	9	2022	6Diax12		14	28.28	57	4515		Non Engraved
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#### Witnessed by:

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

> 4320 Dr. Mazhar



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

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

4327 Dr. Mazhar

To: Engr. Muhammad Wagas Project Engineer, DESIGN MATRIX

Project: Nil				
Our Ref. No. CL/C	ED/ 500	Dated	: 30/11/2022	Test Specification
Your Ref. No.	DM/3000/ES	Dated	: 28/11/2022	( BS 1881-116 )

# COMPRESSION TEST REPORT

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

Specimens received on:		29/11/2022		2022	Tested on:	30/11/2022		in dry/wet condition			回發展後期	
Sr. No.	Mark*	Casting Date*			Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate Ioad	Ultimate Stress	Water Absorpti	Remarks
		DD	MM	ΥΥΥΥ	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1		11	11	2022	6x6x6		8.2	36	43	2676		Non Engraved
2		11	11	2022	6x6x6		8	36	35	2178		Non Engraved
3		14	11	2022	6x6x6		8	36	55	3422		Non Engraved
4		14	11	2022	6x6x6		8.6	36	59	3671		Non Engraved
5		15	11	2022	6x6x6 🧹	ARTHE	RIA8	36	39	2427		Non Engraved
6		15	11	2022	6x6x6	I READ IN	8.6	36	45	2800		Non Engraved
7		21	11	2022	6x6x6	DHE NAME <u> OE</u> THY LORD WHO	8.4	36	47	2924		Non Engraved
8		21	11	2022	6x6x6		7.8	36	39	2427		Non Engraved
9		2	11	2022	6x6x6		8	36	55	3422		Non Engraved
10		2	11	2022	6x6x6	- LA	8.4	36	63	3920		Non 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)

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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 compressive strength

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



	4325	
Dr.	Mazhar	

То:	CW Manager ARCON											
	Project: Nil											
	Our Ref. No. CL/CED/ 501	Dated:	30/11/2022	Test Specification								
	Your Ref. No. Nil	Dated:	Nil	( BS 1881-116 )								

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

Specimens received on:		29/11/2022			Tested on:	30/11/2022		in dry/wet condition			回る記録を		
Sr. No.	Mark*	Cas DD	ting MM	Date* YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate Ioad (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks	
1	USLK017 (1:1.5:3 AND 1:4:8)	14	11	2022	6x6x6		7.6	36	71	4418		Non Engraved	
2	USLK017 (1:1.5:3 AND 1:4:8)	14	11	2022	6x6x6		8	36	65	4044		Non Engraved	
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#### vitnessed by:

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





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То:	CW Manager ARCON											
	Project: Nil											
	Our Ref. No. CL/CED/ 502	Dated:	30/11/2022	Test Specification								
	Your Ref. No. Nil	Dated:	Nil	( BS 1881-116 )								

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

Specim	ens received on:	29	/11/2	2022	Tested on:	30/11	/2022	in dry/we	t condition		Ö	jestik Bi
Sr. No.	Mark*	Cas DD	ting MM	Date* YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	N-3034 (1:1.5:3 AND 1:4:8)	22	11	2022	6x6x6		8	36	57	3547		Non Engraved
2	N-3034 (1:1.5:3 AND 1:4:8)	22	11	2022	6x6x6		8	36	71	4418		Non Engraved
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4525
Dr Mazhar

То:	CW Manager ARCON											
	Project: Nil											
	Our Ref. No. CL/CED/ 503	Dated:	30/11/2022	Test Specification								
	Your Ref. No. Nil	Dated:	Nil	( BS 1881-116 )								

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

Specim	ens received on:	29	)/11/2	2022	Tested on:	30/11	/2022	in dry/we	t condition		Ö	jester
Sr. No.	Mark*	Cas DD	ting MM	Date* YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	N-5523 (1:1.5:3 AND 1:4:8)	24	10	2022	6x6x6		7.8	36	69	4293		Non Engraved
2	N-5523 (1:1.5:3 AND 1:4:8)	24	10	2022	6x6x6		8	36	59	3671		Non Engraved
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#### vitnessed by:

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CW Manager ARCON			
Project: Nil			
Our Ref. No. CL/CED/ 504	Dated:	30/11/2022	Test Specification
Your Ref. No. Nil	Dated:	Nil	( BS 1881-116 )

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

Specim	ens received on:	29	/11/2	2022	Tested on:	30/11	/2022	in dry/we	t condition		Ë	jester
Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Water Absorpti on (%)	Remarks
1	53386 (1:1.5:3 AND	2	11	2022	(III) 6x6x6	(Kg/ gms)	(r.g/ gms)	(Sq. III) 36	(IMP. 1005) 67	(psi) 4169		Non Engraved
2	1:4:8) 53386 (1:1.5:3 AND	2	11	2022	6x6x6		7.8	36	61	3796		Non Engraved
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#### Witnessed by:

To:

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

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the report has been retained in the lab for record.



Dated:

Dated:

30/11/2022	Test Specification
Nil	(BS 1881-116)

# COMPRESSION TEST REPORT

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

Specim	ens received on:	29	/11/2	2022	Tested on:	30/11	/2022	in dry/we	t condition		Ë	162.0896
Sr. No.	Mark*	Cas DD	ting MM	Date* YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	N-3043 (1:1.5:3 AND 1:4:8)	10	11	2022	6x6x6		7.8	36	75	4667		Non Engraved
2	N-3043 (1:1.5:3 AND 1:4:8)	10	11	2022	6x6x6		8	36	77	4791		Non Engraved
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#### vitnessea by:

To:

**CW Manager** ARCON

**Project: Nil** 

Your Ref. No.

Our Ref. No. CL/CED/ 505

Nil

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

1. \* as engraved on the specimens (if any)

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



To: CW Manager ARCON				
Project: Nil				
Our Ref. No. CL/CED/	ur Ref. No. CL/CED/ 506		30/11/2022	Test Specification
Your Ref. No. Nil		Dated:	Nil	( BS 1881-116 )

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

Specim	ens received on:	29	/11/2	2022	Tested on:	30/11	/2022	in dry/we	t condition		Ë	jester
Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight (Ka/ ams)	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Water Absorpti on (%)	Remarks
1	N-3044 (1:1.5:3 AND 1:4:8)	12	11	2022	6x6x6	(rtg/ gills) 	(rtg/ gills) 7.8	36	65	(psi) 4044		Non Engraved
2	N-3044 (1:1.5:3 AND 1:4:8)	12	11	2022	6x6x6		8	36	75	4667		Non Engraved
3												
4												
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6					>	I READ IN						
7						DHE NHOLE COE THY LORD WHO	14.	EB				
8					- SR			IND				
9							- 6	<b>7</b>				
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13												
14												
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16												
Witness	ad by:											

#### Nitnessed 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.



the report has been retained in the lab for record.



4325
Dr. Mazhar

To:	CW Manager ARCON			
	Project: Nil			
	Our Ref. No. CL/CED/ 507	Dated:	30/11/2022	<b>Test Specification</b>
	Your Ref. No. Nil	Dated:	Nil	( BS 1881-116 )

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

Specim	ens received on:	29	/11/2	2022	Tested on:	30/11	/2022	in dry/we	t condition		Ë	jester
Sr. No.	Mark*	Cas	ting MM	Date*	Size (in)	Wet Weight (Ka/ ams)	Dry Weight (Ka/ ams)	Area of X-Section (Sg. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	MUJH88 (1:1.5:3 AND 1:4:8)	14	11	2022	6x6x6		8	36	61	3796		Non Engraved
2	MUJH88 (1:1.5:3 AND 1:4:8)	14	11	2022	6x6x6		7.8	36	63	3920		Non Engraved
3												
4												
5					/	RINE	RIATE					
6					)	READIN	205 D					
7						DHE NAME OF THY LORD WHO	-E	E				
8					- ASI			HND.				
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11												
12												
13												
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15												
16												
Witness	ad by:											

#### Nitnessed 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





To:	CW Manager ARCON			
	Project: Nil			
	Our Ref. No. CL/CED/ 508	Dated:	30/11/2022	<b>Test Specification</b>
	Your Ref. No. Nil	Dated:	Nil	( BS 1881-116 )

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

Specim	ens received on:	29	/11/2	2022	Tested on:	30/11	/2022	in dry/we	t condition		Ë	jester
Sr. No.	Mark*	Cas	ting MM	Date* YYYY	Size (in)	Wet Weight (Kq/ qms)	Dry Weight (Kq/ qms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	N-3013 (1:1.5:3 AND 1:4:8)	10	11	2022	6x6x6		8.2	36	69	4293		Non Engraved
2	N-3013 (1:1.5:3 AND 1:4:8)	10	11	2022	6x6x6		8	36	77	4791		Non Engraved
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4												
5					/	HINE	RINE					
6					)	READ W	205 D					
7						DHE NAME OF THY LORO WHO						
8					- ASI			IND				
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10					<	(A	IN RE-					
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15												
16												
Witness	ad by:											

#### Nitnessed 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





To:	CW Manager ARCON			
	Project: Nil			
	Our Ref. No. CL/CED/ 509	Dated:	30/11/2022	Test Specification
	Your Ref. No. Nil	Dated:	Nil	(BS 1881-116)

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

Specim	ens received on:	29	)/11/2	2022	Tested on:	30/11	/2022	in dry/we	t condition		Ë	jester
Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Water Absorpti on (%)	Remarks
	MULIH89 (1·1 5·3	סט	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp. I ons)	(psi)		
1	AND 1:4:8)	17	11	2022	6x6x6		8	36	77	4791		Non Engraved
2	MUJH89 (1:1.5:3 AND 1:4:8)	17	11	2022	6x6x6		8	36	73	4542		Non Engraved
3												
4												
5					/	RINE	RIATE					
6					>	T READ IN	San Charles	<b></b>				
7						DHE NHOLE <u>OE</u> THY LORD WHO	14	11				
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9						2	- 5	<b>7</b>				
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Witness	and by:	•	•	·	•	•		•	•			

#### 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





	4325	
Dr.	Mazhar	

То:	CW Manager ARCON	CW Manager ARCON											
	Project: Nil												
	Our Ref. No. CL/CED/ 510	Dated:	30/11/2022	<b>Test Specification</b>									
	Your Ref. No. Nil	Dated:	Nil	(BS 1881-116)									

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

Specim	ens received on:	29	/11/2	2022	Tested on:	30/11	/2022	in dry/we	t condition		Ö	jester
Sr. No.	Mark*	Cas DD	ting MM	Date* YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	N-3012 (1:1.5:3 AND 1:4:8)	16	11	2022	6x6x6		8	36	90	5600		Non Engraved
2	N-3012 (1:1.5:3 AND 1:4:8)	16	11	2022	6x6x6		8	36	61	3796		Non Engraved
3												
4												
5					/	RINE	RIATE					
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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 compressive strength

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





	4325
Dr.	Mazhar

To:	CW Manager ARCON			
	Project: Nil			
	Our Ref. No. CL/CED/ 511	Dated:	30/11/2022	Test Specification
	Your Ref. No. Nil	Dated:	Nil	(BS 1881-116)

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

Specim	ens received on:	29	/11/2	2022	Tested on:	30/11	/2022	in dry/we	t condition		Ö	jesiiri
Sr. No.	Mark*	Cas	ting MM	Date*	Size (in)	Wet Weight (Ka/ ams)	Dry Weight (Ka/ ams)	Area of X-Section (Sg. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	N-5499 (1:1.5:3 AND 1:4:8)	15	11	2022	6x6x6		7.8	36	63	3920		Non Engraved
2	N-5499 (1:1.5:3 AND 1:4:8)	15	11	2022	6x6x6		8	36	75	4667		Non Engraved
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#### 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 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.



cification



4325 Dr. Mazhar

To:	CW Manager ARCON	CW Manager ARCON											
	Project: Nil												
	Our Ref. No. CL/CED/ 512	Dated:	30/11/2022	<b>Test Specification</b>									
	Your Ref. No. Nil	Dated:	Nil	( BS 1881-116 )									

# COMPRESSION TEST REPORT

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

Specim	ens received on:	29	/11/2	2022	Tested on:	30/11	/2022	in dry/we	t condition		Ö	jester
Sr. No.	Mark*	Cas	ting MM	Date*	Size (in)	Wet Weight (Ka/ ams)	Dry Weight (Ka/ ams)	Area of X-Section (Sg. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	N-3038 (1:1.5:3	18	11	2022	6x6x6		8	36	71	4418		Non Engraved
2	N-3038 (1:1.5:3 AND 1:4:8)	18	11	2022	6x6x6		7.8	36	63	3920		Non Engraved
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Witness	ed 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 compressive strength

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





4325 Dr. Mazhar

To: CW Manager ARCON	CW Manager ARCON											
Project: Nil												
Our Ref. No. CL	/CED/ 513	Dated:	30/11/2022	<b>Test Specification</b>								
Your Ref. No.	Nil	Dated:	Nil	( BS 1881-116 )								

### COMPRESSION TEST REPORT

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

Specim	ens received on:	29	/11/2	2022	Tested on:	30/11	/2022	in dry/we	t condition		Ö	jesiiri
Sr. No.	Mark*	Cas DD	ting MM	Date* YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	N-3035 (1:1.5:3 AND 1:4:8)	21	11	2022	6x6x6		8	36	69	4293		Non Engraved
2	N-3035 (1:1.5:3 AND 1:4:8)	21	11	2022	6x6x6		7.8	36	57	3547		Non Engraved
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Witness	ed 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 compressive strength

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





4325
Dr. Mazhar

To:	CW Manager ARCON											
	Project: Nil											
	Our Ref. No. CL/CED/ 514	Dated:	30/11/2022	<b>Test Specification</b>								
	Your Ref. No. Nil	Dated:	Nil	( BS 1881-116 )								

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

Specim	ens received on:	29	/11/2	2022	Tested on:	30/11	/2022	in dry/we	t condition		Ë	jester
Sr. No.	Mark*	Cas DD	ting MM	Date* YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	N-5734 (1:1.5:3 AND 1:4:8)	16	11	2022	6x6x6		8.2	36	75	4667		Non Engraved
2	N-5734 (1:1.5:3 AND 1:4:8)	16	11	2022	6x6x6		8.4	36	67	4169		Non Engraved
3												
4												
5						HINE	RIATE					
6						NEAD IN	205 D					
7						DHE NAME OF THY LORD WHO	-E					
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10						(A	INR <del>E</del> .					
11												
12												
13												
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Witness	ad by:					-						

#### vitnessed 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





4325							
Dr.	Mazhar						

То:	CW Manager ARCON										
	Project: Nil										
	Our Ref. No. CL/CED/ 515	Dated:	30/11/2022	Test Specification							
	Your Ref. No. Nil	Dated:	Nil	(BS 1881-116)							

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

Specim	ens received on:	29	/11/2	2022	Tested on:	30/11	/2022	in dry/we	t condition		Ü	jester
Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate Ioad	Ultimate Stress	Water Absorpti	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	011 (%)	
1	UNAN008 (1:1.5:3 AND 1:4:8)	16	11	2022	6x6x6		8	36	65	4044		Non Engraved
2	UNAN008 (1:1.5:3 AND 1:4:8)	16	11	2022	6x6x6		8	36	53	3298		Non Engraved
3												
4												
5					/	RINE	RIATE					
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11												
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Witnessed by:												

#### 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



4325
Dr. Mazhar

To:	CW Manager ARCON				
	Project: Nil				
	Our Ref. No. CL/CED/ 516	Dated:	30/11/2022	Test Specification	
	Your Ref. No. Nil	Dated:	Nil	( BS 1881-116 )	

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

Specim	ens received on:	29	/11/2	2022	Tested on:	30/11	/2022	in dry/we	t condition		Ë	jester
Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight (Ka/ ams)	Dry Weight (Ka/ ams)	Area of X-Section (Sg. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	MUJH68 (1:1.5:3 AND 1:4:8)	17	11	2022	6x6x6		7.8	36	73	4542		Non Engraved
2	MUJH68 (1:1.5:3 AND 1:4:8)	17	11	2022	6x6x6		8	36	63	3920		Non Engraved
3												
4												
5						HINE	RIATE					
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7						DHE NAME OF THY LORD VIND	4					
8					- ISB							
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#### /itnessea 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





4318 Dr. Mazhar

Mr. Qamar Uz Zaman Project Manager, AUJLA & ASSOCIATES, Town Developers (Pvt.) Ltd.

Project: Royal Palm City Housing Scheme Gujranwala

Our Ref. No. CL/CED/ 517	Dated:	30/11/2022	Test Specification
Your Ref. No. Nil	Dated:	24/11/2022	( )

### COMPRESSION TEST REPORT

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



To:

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**