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4084 Dr. Umbreen

To: Riaz Textile Mills(Pvt.) Limited. A-301, 3rd Floor, City Tower, Gulberg-II, Lahore.

Project: Nill			
Our Ref. No. CL/CED/ 112	Dated:	24/10/2022	Test Specification
Your Ref. No. Nill	Dated:	18/10/2022	( )

## COMPRESSION TEST REPORT

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

Specim	ens received on:	eived on: 18/10/2022 Tested on: 24/10/2022 in dry/wet condition					je slagi					
Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	load		Absorpti	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	Rectacngular Grey 80mm				7.8 x 3.8 x 3.1		3400	29.64	61	4610		Concrete Works
2	Rectacngular Grey 80mm				7.8 x 3.9 x 3		3350	30.42	61	4492		Concrete Works
3	Rectacngular Grey 80mm				7.8 x 3.9 x 3		3650	30.42	79	5817		National Paver
4	Rectacngular Grey 80mm				7.8 x 3.9 x 3.1		3600	30.42	88	6480		National Paver
5					/	GINE	RIATE					
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Witness	sed by:											

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

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

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

3. \*\*\* BS5328 requires mean of two cube sample strength at 28 days as characteristic strength

4. \*\*\*\* ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as compressive strength

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



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4103 Dr. Umbreen

To: **CW Manager** 

ARCON, Office # 703, 7th Floor, E-11, Islamabad.

Project: Nill			
Our Ref. No. CL/CED/ 113	Dated:	24/10/2022	<b>Test Specification</b>
Your Ref. No. Nill	Dated:	Nill	( BS 1881-116 )

## COMPRESSION TEST REPORT

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

Specim	ens received on:	20	/10/2	2022	Tested on:	24/10	)/2022	in dry/wet condition				
Sr. No.	Mark*		-	Date*	Size	Wet Weight		Area of X-Section			Water Absorpti on (%)	Remarks
1	ISW125 (Raft, Col.,	31	7	YYYY 2022	(in) 6x6x6	(Kg/ gms) 	(Kg/ gms) 7.8	(Sq. in) 36	(Imp.Tons) 104	(psi) 6471		Non Engraved
	DG. & Solar) ISW125 (Raft, Col.,									-		-
2	DG. & Solar)	31	7	2022	6x6x6		8	36	100	6222		Non Engraved
3												
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Witness	sed by: Nil						1				<u> </u>	

### messeu 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



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To: **CW Manager** 

ARCON, Office # 703, 7th Floor, E-11, Islamabad.

Project: Nill			
Our Ref. No. CL/CED/ 114	Dated:	24/10/2022	Test Specification
Your Ref. No. Nill	Dated:	Nill	(BS 1881-116)

## COMPRESSION TEST REPORT

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

Specim	ens received on:	20	/10/2	2022	Tested on:	24/10	/2022 in dry/wet condition					
Sr. No.	Mark*		•	Date* YYYY	Size (in)	Wet Weight (Ka/ ams)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	N-5376 (Raft, Col., DG. & Solar)	26	9	2022	6x6x6		(rtg/ giii3) 8	36	77	(p31) 4791		Non Engraved
2	N-5376 (Raft, Col., DG. & Solar)	26	9	2022	6x6x6		8	36	71	4418		Non Engraved
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Witness	sed by: Nil			·		•	•	•	•	·		

### messeu 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





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4103 Dr. Umbreen

To: **CW Manager** 

ARCON, Office # 703, 7th Floor, E-11, Islamabad.

Project: Nill			
Our Ref. No. CL/CED/ 115	Dated:	24/10/2022	Test Specification
Your Ref. No. Nill	Dated:	Nill	( BS 1881-116 )

## COMPRESSION TEST REPORT

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

Specim	ens received on:	20	/10/2	2022	Tested on:	24/10	)/2022	022 in dry/wet condition			ONLINE REPORT	
Sr. No.	Mark*		•	Date*	Size	Wet Weight	Dry Weight	Area of X-Section			Water Absorpti on (%)	Remarks
	N 4000 (D-# 0-1	עט		ΥΥΥΥ	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)		
1	N-4680 (Raft, Col., DG. & Solar)	3	10	2022	6x6x6		8	36	71	4418		Non Engraved
2	N-4680 (Raft, Col., DG. & Solar)	3	10	2022	6x6x6		8	36	88	5476		Non Engraved
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Witness	sed by: Nil											

### messeu 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



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4103 Dr. Umbreen

To: **CW Manager** 

ARCON, Office # 703, 7th Floor, E-11, Islamabad.

Project: Nill			
Our Ref. No. CL/CED/ 116	Dated:	24/10/2022	<b>Test Specification</b>
Your Ref. No. Nill	Dated:	Nill	( BS 1881-116 )

## COMPRESSION TEST REPORT

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

Specim	ens received on:	20	/10/2	2022	Tested on:	24/10	/2022	in dry/wet condition				
Sr. No.	Mark*		-	Date*	Size	Wet Weight		Area of X-Section			Water Absorpti on (%)	Remarks
		עט		YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)		
1	USFJH14 (Raft, Col., DG, & Solar)	3	10	2022	6x6x6		8	36	90	5600		Non Engraved
2	USFJH14 (Raft, Col DG. & Solar)	3	10	2022	6x6x6		8	36	79	4916		Non Engraved
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16												
Witness	sed 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



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4103 Dr. Umbreen

ORIGINAL

To: **CW Manager** 

ARCON, Office # 703, 7th Floor, E-11, Islamabad.

Project: Nill			
Our Ref. No. CL/CED/ 117	Dated:	24/10/2022	<b>Test Specification</b>
Your Ref. No. Nill	Dated:	Nill	(BS 1881-116)

## COMPRESSION TEST REPORT

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

Specim	ens received on:	20	/10/2	2022	Tested on:	24/10	)/2022	in dry/we	t condition			ONLINE REPORT
Sr. No.	Mark*		•	Date*	Size	Wet Weight		Area of X-Section (Sq. in)		Ultimate Stress	Water Absorpti on (%)	Remarks
	N-5096 (Pier DG, &			1	. ,		(Kg/ gms)		(Imp.Tons)			
1	Solar)	28	9	2022	6x6x6		8	36	81	5040		Non Engraved
2	N-5096 (Pier DG, & Solar)	28	9	2022	6x6x6		8	36	69	4293		Non Engraved
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5					/	RINE	RIATE					
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Witness	sed by: Nil		•			•	•	•	•	·		

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

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

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

3. \*\*\* BS5328 requires mean of two cube sample strength at 28 days as characteristic strength

4. \*\*\*\* ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as compressive strength

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



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To: **CW Manager** 

ARCON, Office # 703, 7th Floor, E-11, Islamabad.

Project: Nill			
Our Ref. No. CL/CED/ 118	Dated:	24/10/2022	Test Specification
Your Ref. No. Nill	Dated:	Nill	( BS 1881-116 )

## COMPRESSION TEST REPORT

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

Specim	ens received on:	20	/10/2	2022	Tested on:	24/10	/2022	in dry/we	in dry/wet condition			
Sr. No.	Mark*		-	Date* YYYY	Size (in)	Wet Weight (Kq/ qms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	N-5321 (Raft, Col., DG. & Solar)	22	9	2022	6x6x6		7.6	36	88	5476		Non Engraved
2	N-5321 (Raft, Col., DG. & Solar)	22	9	2022	6x6x6		8	36	92	5724		Non Engraved
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Witness	sed 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



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4103 Dr. Umbreen

To: **CW Manager** 

ARCON, Office # 703, 7th Floor, E-11, Islamabad.

Project: Nill			
Our Ref. No. CL/CED/ 119	Dated:	24/10/2022	<b>Test Specification</b>
Your Ref. No. Nill	Dated:	Nill	(BS 1881-116)

## COMPRESSION TEST REPORT

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

Specim	ens received on:	20	/10/2	2022	Tested on:	24/10	/2022	in dry/wet condition				ONLINE REPORT
Sr. No.	Mark*		-	Date* YYYY	Size (in)	Wet Weight (Ka/ ams)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)		Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	N-5376 (Raft, Col., DG, & Solar)	23	9	2022	6x6x6		8	36	86	5351		Non Engraved
2	N-5376 (Raft, Col., DG. & Solar)	23	9	2022	6x6x6		7.8	36	84	5227		Non Engraved
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Witness	sed by: Nil		-			·	·	·	·		. <u> </u>	

### messeu 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



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To: **CW Manager** 

ARCON, Office # 703, 7th Floor, E-11, Islamabad.

Project: Nill			
Our Ref. No. CL/CED/ 120	Dated:	24/10/2022	Test Specification
Your Ref. No. Nill	Dated:	Nill	( BS 1881-116 )

## COMPRESSION TEST REPORT

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

Specim	ens received on:	20	/10/2	2022	Tested on:	24/10	)/2022	in dry/wet condition				
Sr. No.	Mark*		-	Date* YYYY	Size	Wet Weight	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)		Water Absorpti on (%)	Remarks
1	N-5939 (Raft, Col.,	23	9	2022	(in) 6x6x6	(rxg/ gins) 	(rtg/ gills) 8	36	106	(psi) 6596		Non Engraved
2	DG. & Solar) N-5939 (Raft, Col., DG. & Solar)	23	9	2022	6x6x6		7.8	36	75	4667		Non Engraved
3	DG. & Solar) 											
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5					-	ARTIE	RIATE					
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Witness	sed by: Nil											

### messeu 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



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4103 Dr. Umbreen

To: **CW Manager** 

ARCON, Office # 703, 7th Floor, E-11, Islamabad.

Project: Nill			
Our Ref. No. CL/CED/ 121	Dated:	24/10/2022	Test Specification
Your Ref. No. Nill	Dated:	Nill	( BS 1881-116 )

## COMPRESSION TEST REPORT

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

Specim	ens received on:	20	/10/2	2022	Tested on:	24/10	)/2022	in dry/wet condition				
Sr. No.	Mark*		•	Date* YYYY	Size	Wet Weight		Area of X-Section		Ultimate Stress	Water Absorpti on (%)	Remarks
	N-5776 (Raft, Col.,				. ,		(Kg/ gms)		(Imp.Tons)			
1	DG. & Solar)	26	9	2022	6x6x6		8	36	92	5724		Non Engraved
2	N-5776 (Raft, Col., DG. & Solar)	26	9	2022	6x6x6		8	36	81	5040		Non Engraved
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Witness	sed by: Nil		•			•	•	•	•	•		

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

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

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

3. \*\*\* BS5328 requires mean of two cube sample strength at 28 days as characteristic strength

4. \*\*\*\* ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as compressive strength

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



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To: **CW Manager** 

ARCON, Office # 703, 7th Floor, E-11, Islamabad.

Project: Nill			
Our Ref. No. CL/CED/ 122	Dated:	24/10/2022	Test Specification
Your Ref. No. Nill	Dated:	Nill	( BS 1881-116 )

## COMPRESSION TEST REPORT

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

Specim	ens received on:	20	/10/2	2022	Tested on:	24/10	/2022	in dry/we	t condition			
Sr. No.	Mark*		-	Date* YYYY	Size (in)	Wet Weight (Ka/ ams)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)		Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	N-5321 (Raft, Col., DG. & Solar)	22	9	2022	6x6x6		7.8	36	77	4791		Non Engraved
2	N-5321 (Raft, Col., DG. & Solar)	22	9	2022	6x6x6		7.8	36	63	3920		Non Engraved
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Witness	sed by: Nil											

### messeu 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



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4103 Dr. Umbreen

To: **CW Manager** 

ARCON, Office # 703, 7th Floor, E-11, Islamabad.

Project: Nill			
Our Ref. No. CL/CED/ 123	Dated:	24/10/2022	Test Specification
Your Ref. No. Nill	Dated:	Nill	( BS 1881-116 )

## COMPRESSION TEST REPORT

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

Specim	ens received on:	20	/10/2	2022	Tested on:	24/10	)/2022	in dry/wet condition				
Sr. No.	Mark*		-	Date* YYYY	Size (in)	Wet Weight (Ka/ ams)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)		Water Absorpti on (%)	Remarks
1	N-5316 (Pier DG, & Solar)	21	9	2022	6x6x6	(rtg/ giiis) 	(rtg/ gills) 8	36	104	(psi) 6471		Non Engraved
2	N-5316 (Pier DG, & Solar)	21	9	2022	6x6x6		7.6	36	86	5351		Non Engraved
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Witness	sed by: Nil											

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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.

4103 Dr. Umbreen

To: **CW Manager** 

ARCON, Office # 703, 7th Floor, E-11, Islamabad.

Project: Nill			
Our Ref. No. CL/CED/ 124	Dated:	24/10/2022	Test Specification
Your Ref. No. Nill	Dated:	Nill	( BS 1881-116 )

## COMPRESSION TEST REPORT

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

Specim	ens received on:	20	/10/2	2022	Tested on:	24/10	)/2022	in dry/wet condition				ONLINE REPORT
Sr. No.	Mark*		•	Date*	Size	Wet Weight	Dry Weight	Area of X-Section			Water Absorpti on (%)	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	011 (70)	
1	N-5937 (Pier DG, & Solar)	19	9	2022	6x6x6		8	36	69	4293		Non Engraved
2	N-5937 (Pier DG, & Solar)	19	9	2022	6x6x6		8	36	86	5351		Non Engraved
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Vitness	sed by: Nil											

### messeu by.

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

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

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

3. \*\*\* BS5328 requires mean of two cube sample strength at 28 days as characteristic strength

4. \*\*\*\* ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as compressive strength

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



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

4103 Dr. Umbreen

To: **CW Manager** 

ARCON, Office # 703, 7th Floor, E-11, Islamabad.

Project: Nill			
Our Ref. No. CL/CED/ 125	Dated:	24/10/2022	Test Specification
Your Ref. No. Nill	Dated:	Nill	( BS 1881-116 )

## COMPRESSION TEST REPORT

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

Specim	ens received on:	20	/10/2	2022	Tested on:	24/10	/2022	in dry/wet condition				
Sr. No.	Mark*		-	Date* YYYY	Size (in)	Wet Weight (Kq/ qms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)		Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	53333 (Raft, Col., DG, & Solar)	21	9	2022	6x6x6		8	36	106	6596		Non Engraved
2	53333 (Raft, Col., DG. & Solar)	21	9	2022	6x6x6		7.8	36	75	4667		Non Engraved
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### messeu by.

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

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

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

3. \*\*\* BS5328 requires mean of two cube sample strength at 28 days as characteristic strength

4. \*\*\*\* ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as compressive strength

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



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

t

**CW Manager** 

To:

ARCON, Office # 703, 7th Floor, E-11, Islamabad.

Project: Nill			
Our Ref. No. CL/CED/ 126	Dated:	24/10/2022	Test Specification
Your Ref. No. Nill	Dated:	Nill	( BS 1881-116 )

## COMPRESSION TEST REPORT

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

Specim	ens received on:	20	/10/2	2022	Tested on:	24/10	/2022	in dry/wet condition				
Sr. No.	Mark*		•	Date*	Size	Wet Weight		Area of X-Section			Water Absorpti on (%)	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	0.1 (70)	
1	2553 (Raft, Col., DG. & Solar)	16	9	2022	6x6x6		8.2	36	69	4293		Non Engraved
2	2553 (Raft, Col., DG. & Solar)	16	9	2022	6x6x6		8	36	75	4667		Non Engraved
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Witness	ed by: Nil											

### messeu 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.

4103 Dr. Umbreen

To: **CW Manager** 

ARCON, Office # 703, 7th Floor, E-11, Islamabad.

Project: Nill			
Our Ref. No. CL/CED/ 127	Dated:	24/10/2022	Test Specification
Your Ref. No. Nill	Dated:	Nill	( BS 1881-116 )

## COMPRESSION TEST REPORT

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

Specim	ens received on:	20	/10/2	2022	Tested on:	24/10	/2022	in dry/wet condition			ONLINE REPORT	
Sr. No.	Mark*		•	Date* YYYY	Size (in)	Wet Weight	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)			Water Absorpti on (%)	Remarks
1	UNATK53 (Raft, Col., DG, & Solar)	19	9	2022	6x6x6	(itg/ giiis) 	(Rg/ gills) 8	36	55	3422		Non Engraved
2	UNATK53 (Raft, Col., DG, & Solar)	19	9	2022	6x6x6		8	36	86	5351		Non Engraved
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Witness	sed by: Nil											

### messeu 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 Con Civil Engineering Depa University of Engineering and Technology,	rtment
	Landline: 042-99029245 & 042-99029202	Mobile: 0307-0496895
То:	Sub Divisional Officer, (Buildings) Sub Division Ferozewala.	

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

Sub Division Ferozewala.		
Project: Construction of Judicial Academy at Lahor	e Kala Shah Kaku, Lahore (ADP No.	3272/2020-21)
Phase II Group No:1		
Our Ref. No. CL/CED/ 128	Dated: 24/1	0/2022 <u>Test Specification</u>
Your Ref. No. 2012 A/F	Dated: 01-	10-22 (BS 1881-116)

## **COMPRESSION TEST REPORT**



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

Specim	ens received on:	20	/10/2	2022	Tested on:	24/10	/2022	in dry/wet condition			ONLINE REPORT	
Sr. No.	Mark*		•	Date*	Size (in)	Wet Weight (Ka/ ams)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)		Water Absorpti on (%)	Remarks
1	Ware House GF Roof Slab	3	9	2022	6x6x6		8	36	75	4667		Non Engraved
2	Ware House GF Roof Slab	3	9	2022	6x6x6		8	36	63	3920		Non Engraved
3	Ware House GF Roof Slab	3	9	2022	6x6x6		8	36	67	4169		Non Engraved
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Witness	Witnessed 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 Civil Engineering	Department
	University of Engineering and Tech Landline: 042-99029245 & 042-99029202	nology, Lahore. Pakistan Mobile: 0307-0496895
To:	Sub Divisional Officer, (Buildings) Sub Division Ferozewala.	

Project: Construction of Judicial Academy at Lahore Kala Shah Kaku, Lahore (ADP No. 3272/2020-21) Phase II Group No:1											
Our Ref. No. CL/CED/ 129	Dated:	24/10/2022									
Your Ref. No. 2011 A/F	Dated:	08-09-22									

## **COMPRESSION TEST REPORT**

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

Specim	ens received on:	20	)/10/2	2022	Tested on:	24/10	/2022	in dry/we	t condition			ONLINE REPORT
Sr. No.	Mark*	Cas DD	•	Date* YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	Squesh Court GF Roof Slab	10	8	2022	6x6x6		8	36	49	3049		Non Engraved
2	Squesh Court GF Roof Slab	10	8	2022	6x6x6		8	36	45	2800		Non Engraved
3	Squesh Court GF Roof Slab	10	8	2022	6x6x6		7.6	36	57	3547		Non Engraved
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Witness	ed by: Nil											

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

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

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

3. \*\*\* BS5328 requires mean of two cube sample strength at 28 days as characteristic strength

4. \*\*\*\* ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as compressive strength

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

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



Test Specification (BS 1881-116)

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

> 4102 Dr. Umbreen

Plain and Reinforced Concrete Labora Civil Engineering Department University of Engineering and Technology, Lahore. Pakistan													
	Landline: 042-99029245 & 042-99029202	Mobile: 0307-0496895											
To:	Sub Divisional Officer, (Buildings) Sub Division Ferozewala.												

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

Sub Division Ferozewala.			
Project: Construction of Judicial Academy at Lahore K	Kala Shah Kaku, Lahore (A	DP No. 3272/2020-21	)
Phase II Group No:1 Our Ref. No. CL/CED/ 130	Dated:	24/10/2022	<b>Test Specification</b>
Your Ref. No. 2010 A/F	Dated:	02-09-22	( BS 1881-116 )

## **COMPRESSION TEST REPORT**



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

Specim	ens received on:	20	/10/2	2022	Tested on:	24/10	/2022	in dry/wet condition				
Sr. No.	Mark*	Cas	-	Date*	Size (in)	Wet Weight (Ka/ ams)	Dry Weight (Kg/ gms)	Area of X-Section (Sg. in)		Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	Ware House Columns	4	8	2022	6x6x6		8	36	59	3671		Non Engraved
2	Ware House Columns	4	8	2022	6x6x6		8.4	36	73	4542		Non Engraved
3	Ware House Columns	4	8	2022	6x6x6		8.8	36	104	6471		Non Engraved
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Witness	Witnessed 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



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he lab for record.

4102 Dr. Umbreen

):	Sub Divisional Officer, (Buildings) Sub Division Ferozewala.		
	Project: Construction of Judicial Academ	ny at Lahore Kala Shah Kaku, Lahore (A	DP No. 3272/2020-21)
	Phase II Group No:1 Our Ref. No. CL/CED/ 131	Dated:	24/10/2022
		Dated.	24/10/2022
	Your Ref. No. 2009 A/F	Dated:	12-08-22

## COMPRESSION TEST REPORT



**Test Specification** (BS 1881-116)

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

Specim	ens received on:	20	/10/2	2022	Tested on:	24/10	/2022	in dry/wet condition				
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	Squesh Court GF Columns	14	7	2022	6x6x6		8.2	36	130	8089		Non Engraved
2	Squesh Court GF Columns	14	7	2022	6x6x6		8.2	36	71	4418		Non Engraved
3	Squesh Court GF Columns	14	7	2022	6x6x6		8	36	73	4542		Non Engraved
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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

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

4088 Dr. Umbreen

To: Mr. Arfan Nazir, Manager Civil

Nishat Mills Limited, 5-Km, Nishat Avenue, Off 22 Km, Ferozepur Road, Lahore.

Project: Construction of Nishat Stitching Bath Division U-95. (M/S Contractor: Ittefaq Building Solutions)

Our Ref. No. CL/CED/ 132	Dated:	24/10/2022	Test Specification
Your Ref. No. Nill	Dated:	17/10/2022	( BS 1881-116 )

## COMPRESSION TEST REPORT



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

Specim	ens received on:	18	/10/2	2022	Tested on:	24/10	/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)		Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	C-35	6	10	2022	6x6x6		8	36	65	4044		Engraved
2	C-35	6	10	2022	6x6x6		8.6	36	55	3422		Engraved
3	C-35	6	10	2022	6x6x6		8	36	65	4044		Engraved
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Witness	Witnessed 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

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.

4088 Dr. Umbreen

To: Mr. Arfan Nazir, Manager Civil

Nishat Mills Limited, 5-Km, Nishat Avenue, Off 22 Km, Ferozepur Road, Lahore.

Project: Construction of Nishat Stitching Batch Division U-95. (M/S Contractor: Ittefaq Building Solutions)

Our Ref. No. CL/CED/ 133	Dated:	24/10/2022	Test Specification
Your Ref. No. Nill	Dated:	17/10/2022	( BS 1881-116 )

## COMPRESSION TEST REPORT



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

Specim	ens received on:	18	/10/2	2022	Tested on:	24/10	/2022	in dry/wet condition		ONLINE REPORT		
Sr. No.	Mark*			Date* YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)		Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	C-30	8	10	2022	6x6x6		8.2	36	86	5351		Non Engraved
2	C-30	8	10	2022	6x6x6		8.4	36	88	5476		Non Engraved
3	C-30	8	10	2022	6x6x6		8.6	36	73	4542		Non Engraved
4												
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Results can also be seen on website https://civil.uet.edu.pk/concrete-laboratory-reports1/

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

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

3. \*\*\* BS5328 requires mean of two cube sample strength at 28 days as characteristic strength

4. \*\*\*\* ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as comprensive strength

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