

**Civil Engineering Department** 

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

6518 Dr. Qasim Khan

To: Mr. Shahzad Munir

Resident Engineer, G3 Engineering Consultants (Pvt.) Ltd.

Project: Consultancy Services for Master Planning Designing and Resident Type Supervision of the Scheme Strengthening of University of Narowal. Our Ref. No. CL/CED/ 3926 Dated: 11-01-24 Dated: 11-12-23

Your Ref. No. G3/237/RE/30

## **COMPRESSION TEST REPORT**



Test Specification

(ASTM C39)

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

Specim	ens received on:	0	9-01	-24	Tested on:	11-0	)1-24	in dry/we	t condition		Ü	jester
Sr. No.	Mark*	Cas DD	-	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	Footing (4000 Psi)	31	10	2023	6Diax12		15.2	28.28	47	3723		Non Engraved
2	Footing (4000 Psi)	31	10	2023	6Diax12		14.4	28.28	58	4594		Non Engraved
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16												
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 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.



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Resident Engineer, G3 Engineering Consultants (Pvt.) Ltd.

Project: Consultancy Services for Master Planning Designing and Resident Type Supervision of the Scheme Strengthening of University of Narowal. Our Ref. No. CL/CED/ 3927 Dated: 11-01-24 Dated: 11-12-23

Your Ref. No. G3/237/RE/31

## **COMPRESSION TEST REPORT**



Test Specification

(ASTM C39)

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

Specimens received on:			09-01-24		Tested on:	11-0	)1-24	in dry/wet condition		Ü	<u>i terre a</u>	
Sr. No.	Mark*		-	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	Footing (4000 Psi)	5	11	2023	6Diax12		14.4	28.28	78	6178		Non Engraved
2	Footing (4000 Psi)	5	11	2023	6Diax12		15	28.28	67	5307		Non Engraved
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Witnessed by:												

#### Witnessed by:

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Supervisor (Lab)



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6518 Dr. Qasim Khan

### To: Mr. Shahzad Munir

Resident Engineer, G3 Engineering Consultants (Pvt.) Ltd.

 Project: Consultancy Services for Master Planning Designing and Resident Type Supervision of the Scheme Strengthening of University of Narowal.

 Our Ref. No. CL/CED/
 3928
 Dated:
 11-01-24

 Your Ref. No.
 G3/237/RE/32
 Dated:
 11-12-23

## **COMPRESSION TEST REPORT**



Test Specification

(ASTM C39)

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

Specim	ens received on:	0	9-01	-24	Tested on:	11-(	)1-24	in dry/wet	condition		Ë	j2238895
Sr. No.	Mark*		_	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	Footing (4000 Psi)	11	11	2023	6Diax12		14	28.28	45	3564		Non Engraved
2	Footing (4000 Psi)	11	11	2023	6Diax12		14	28.28	57	4515		Non Engraved
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4							-					
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Witnessed by:												

#### Witnessed by:

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Supervisor (Lab)



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6523 Dr. Aqsa

## To: Engr. Haseeb Afzal

Project Manager, HMB Developers (Pvt) Ltd.

Project: Commercial Tower, Finance Trade Centre, Lahore. (B1 Shear Wall F'~G'/1~3)

Our Ref. No. CL	/CED/ 3929	Dated:	11-01-24	Test Specification
Your Ref. No.	HMBDPL/S.O/01/24/88th (LHR)	Dated:	11-01-24	(ASTM C39)

## **COMPRESSION TEST REPORT**



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

Specime	ens received on:	1	1-01	-24	Tested on:	11-0	)1-24	in dry/we	t condition			ONLINE REPORT
Sr. No.	Mark*		-	Date*	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	CT-67 (6000 Psi)	7	12	2023	6Diax12		13.2	28.28	70	5545		Non Engraved
2	CT-67 (6000 Psi)	7	12	2023	6Diax12		13.6	28.28	64	5069		Non Engraved
3	CT-67 (6000 Psi)	7	12	2023	6Diax12		13	28.28	83	6574		Non Engraved
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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)

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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 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)



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6521 Dr. Aqsa

## To: Engr. Haseeb Afzal

Project Manager, HMB Developers (Pvt) Ltd.

Project: Commercial Tower, Finance Trade Centre, Lahore. (B1 Shear Wall C~D/1~2)

Our Ref. No. CL/	CED/ 3930	Dated:	11-01-24	Test Specification
Your Ref. No.	HMBDPL/S.O/01/24/86th (LHR)	Dated:	10-01-24	(ASTM C39)

## **COMPRESSION TEST REPORT**



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

Specim	ens received on:	1	0-01	-24	Tested on:	11-(	)1-24	in dry/wet	t condition			ONLINE REPORT
Sr. No.	Mark*		-	Date* YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	CT-70 (6000 Psi)	12	12	2023	6Diax12		13.4	28.28	67	5307		Non Engraved
2	CT-70 (6000 Psi)	12	12	2023	6Diax12		12.4	28.28	86	6812		Non Engraved
3	CT-70 (6000 Psi)	12	12	2023	6Diax12		13.6	28.28	72	5703		Non Engraved
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16												
Witnessed by: Mr. Haris Shah Syed, CNIC # 16101-2009383-5												

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

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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

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6521 Dr. Aqsa

## To: Engr. Haseeb Afzal

Project Manager, HMB Developers (Pvt) Ltd.

Project: Commercial Tower, Finance Trade Centre, Lahore. (B1 Septic Tank Bed)

Our Ref. No. CL/C	ED/ 3931	Dated:	11-01-24	Test Specification
Your Ref. No.	HMBDPL/S.O/01/24/87th (LHR)	Dated:	10-01-24	(ASTM C39)

## **COMPRESSION TEST REPORT**



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

Specim	ens received on:	ved on: 10-01-24 Tested on: 11-01-24 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 load (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	CT-71 (3500 Psi)	12	12	2023	6Diax12		13	28.28	59	4673		Non Engraved
2	CT-71 (3500 Psi)	12	12	2023	6Diax12		13.2	28.28	51	4040		Non Engraved
3	CT-71 (3500 Psi)	12	12	2023	6Diax12		13	28.28	50	3960		Non Engraved
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15												
16												
Witnessed by: Mr. Haris Shah Syed, CNIC # 16101-2009383-5												

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

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> 6496 Dr. Qasim

### To: Mr. M. Faisal Bhatti

Construction Manager, Ittefaq Building Solutions (Pvt.) Ltd.

Project: Construction of Mr. Imran Qamar Residence at Plot # 103, St. John's Park, Cantt. Lahore.

Our Ref. No. CL/CED/ 3932	Dated:	11-01-24	Test Specification
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:	0	5-01	-24	Tested on:	11-(	)1-24	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 Ioad (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	Ground Floor Slab (3000 Psi)	23	12	2023	6x6x6		8	36	70	4356		Non Engraved
2	Ground Floor Slab (3000 Psi)	23	12	2023	6x6x6		8	36	76	4729		Non Engraved
3	Ground Floor Slab (3000 Psi)	23	12	2023	6x6x6		8	36	74	4604		Non Engraved
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Witnessed by: Nil												

#### Witnessed by: Nil

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> 6496 Dr. Qasim

#### To: Mr. M. Faisal Bhatti

Construction Manager, Ittefaq Building Solutions (Pvt.) Ltd.

Project: Construction of Mr. Chugtai House Residence at Plot # 74, Muneer Road, Cantt. Lahore.

Our Ref. No. CL/CED/	3933	Dated:	11-01-24	Test Specification
Your Ref. No. Nil		Dated:	Nil	(ASTM C39)

## COMPRESSION TEST REPORT



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

Specim	ens received on:	05-01-24			Tested on:	11-01-24		in dry/wet condition				ONLINE REPORT
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	Ali Chugtai, Raft (4000 Psi)	6	12	2023	6Diax12		14.2	28.28	50	3960		Non Engraved
2	Ali Chugtai, Raft (4000 Psi)	6	12	2023	6Diax12		13.4	28.28	72	5703		Non Engraved
3	Ali Chugtai, Raft (4000 Psi)	6	12	2023	6Diax12		13	28.28	64	5069		Non Engraved
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Witness	ed by: Nil											

#### witnessea by: Nii

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Supervisor (Lab)



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> 6497 Dr. Qasim

### To: Chief Engineer

State Life Co-operative Housing Society. Engineering Branch, Near DHA Phase IV, Lahore.

Project: Construction of Over Head Water Tank Block G. (M/S Way Maker Construction)

Our Ref. No. CL/	'CED/ 3934	Dated:	11-01-24	Test Specification
Your Ref. No.	SLCHS/EB/24/01	Dated:	03-01-24	( BS 1881-116 )

## **COMPRESSION TEST REPORT**

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

Specim	ens received on:	0	05-01-24 Tested on:		11-0	)1-24	in dry/wet condition				ONLINE REPORT	
Sr. No.	Mark*	Cas DD	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	Base Slab	24	11	2023	6x6x6		8.6	36	73	4542		Engraved
2	Base Slab	24	11	2023	6x6x6		8.2	36	81	5040		Engraved
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Witness	ed by: Nil											

#### Witnessed by: Nil

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> 6497 Dr. Qasim

### To: Chief Engineer

State Life Co-operative Housing Society. Engineering Branch, Near DHA Phase IV, Lahore.

Project: Construction of Over Head Water Tank Block G. (M/S Way Maker Construction)

Our Ref. No. CL/	CED/ 3935	Dated:	11-01-24	Test Specification
Your Ref. No.	SLCHS/EB/24/02	Dated:	04-01-24	( BS 1881-116 )

## **COMPRESSION TEST REPORT**

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

Specim	ens received on:	0	5-01	-24	Tested on:	11-(	)1-24	in dry/wet condition				ONLINE REPORT
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	Bowl Top Slab	28	12	2023	6x6x6		8.6	36	54	3360		Engraved
2	Bowl Top Slab	28	12	2023	6x6x6		8.2	36	60	3733		Engraved
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Witness	ed by: Nil											

#### Witnessed by: Nil

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

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6515 Dr. Qasim

#### Project Director-II To:

LDA, U.D. Wing, Lahore.

Project: Construction of Orange Line Metro Train Project (Package-II) Chouburji to Ali Town- Reconstruction of Jamia Masjid Muhammadia (Qadeem), Lake Road, Lahore. Our Ref. No. CL/CED/ 3936 Dated: 11-01-24

Dated:

28-12-23

Your Ref. No. PD-II/LDA/173

## **COMPRESSION TEST REPORT**



**Test Specification** 

(ASTM C39)

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

Specime	ens received on:	09-01-24 Tes			Tested on:	11-01-24		in dry/wet condition				ONLINE REPORT
Sr. No.	Mark*	Cas DD	Casting Date*		Size (in)	Wet Weight (Kq/ qms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate Ioad (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	F.F Columns (1:1.5:3)	21	12	2023	6Diax12		14.2	28.28	60	4752		Non Engraved
2	F.F Columns (1:1.5:3)	21	12	2023	6Diax12		13.2	28.28	64	5069		Non Engraved
3												
4												
5						THINE	RING					
6					- )	READ IN	2071	<b></b>				
7						OF THY -CRD WHC CREATES	ز <del>ب</del> ک اند کی خلق ر	133				
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16												
Witness	ed by: Nil			•		•		•	•			

#### lithessea by: NI

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)



**Civil Engineering Department** 

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

6498 Dr. Qasim

#### Project Director-II To:

LDA, U.D. Wing, Lahore.

Project: Construction of Orange Line Metro Train Project (Package-II) Chouburji to Ali Town- Reconstruction of Jamia Masjid Muhammadia (Qadeem), Lake Road, Lahore. Our Ref. No. CL/CED/ 3937 Dated: 11-01-24

Dated:

18-12-23

Your Ref. No. PD-II/LDA/166

## **COMPRESSION TEST REPORT**



**Test Specification** 

(ASTM C39)

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

Specim	ens received on:	0	05-01-24		Tested on:	d on: 11-01-24		in dry/wet condition				ONLINE REPORT
Sr. No.	Mark*		asting Date* D MM YYYY		Size (in)	Wet Weight	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	Ground Floor Slab (1:2:4)	22	11	2023	6Diax12		(Rg/ gm3) 12.4	28.28	60	(psi) 4752		Non Engraved
2	Ground Floor Slab (1:2:4)	22	11	2023	6Diax12		12.4	28.28	52	4119		Non Engraved
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4												
5						NHINE	RING					
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7						OF THY CORD WHO CREATES	ز <del>ک</del> ے۔ اند کی خلق ر	133				
8					188							
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10						/ A	IOR <sup>E</sup>					
11												
12												
13												
14												
15												
16												
Witness	sed by: Nil											

ninessed by: Ni

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.



To:

# Plain and Reinforced Concrete Laboratory

**Civil Engineering Department** 

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

6499 Dr. Qasim

Mr. Rashid Kamran Resident Engineer, Construction Management Division, I	NESPAK (Pvt.) Ltd.		
Resident Engineer, Construction Management Division, NESPAK (Pvt.) Ltd. Project: Development of Infrastructure Works in Newly Cleared Areas of LDA Avenue-I, Lahore (Package-2 &4) M/S Mastic Construction (Pvt) Ltd.		age-2	
Our Ref. No. CL/CED/ 3938	Dated:	11-01-24	Test Specification
Your Ref. No. 2599/13/03/RK/P-2&4/106	Dated:	29-12-23	(ASTM C39)

## COMPRESSION TEST REPORT



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

Specim	ens received on:	0	5-01	-24	Tested on:	11-0	1-24	in dry/wet 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 Ioad (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1		2	12	2023	6Diax12		13.6	28.28	56	4436		Non Engraved
2		2	12	2023	6Diax12		12.8	28.28	54	4277		Non Engraved
3		2	12	2023	6Diax12		12.8	28.28	54	4277		Non Engraved
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5					-	THE	RING					
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Witness	sed by: Nil											

#### litnessea by: Ni

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

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

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

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

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

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

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)