

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.

> 4999 Dr. Aqsa

To: Engr. Hamza Iftikhar

Project Engineer, Mian Hydro Construction Engineers

Project: Construction of New Blocks and Support for Penstock at Kurram Ghari Dam, Power house 2

Bannu, KPK.

Our Ref. No. CL/CED/ 1548

Dated: 27-03-23

Test Specification

Your Ref. No. MHCE-HTPL/CEW-PO-057

Dated: 20-03-23

(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 22-03-23 Tested on: 27-03-23 in dry/wet condition





Sr. No.	Mark*			Date*	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)		Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1		2	3	2023	6Diax12		12.4	28.28	12	950		Non Engraved
2												
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5					/	GINE	RINE					
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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 comprerssive strength

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



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> 4992 Dr. Aqsa

To: Mr. Amein Uddin

PM Project, Majeed Associates Pvt. Ltd.

Our Ref. No. CL/CED/ 1549

Project: Construction of ABL Bank, Expo Centre Johar Town, Lahore.

Troject. Construction of ADE Bank, Expo Centre Conai Town, Lanore.

Your Ref. No. Nil Dated: Nil (ASTM C39)

Dated:

27-03-23

COMPRESSION TEST REPORT

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

Specimens received on: 22-03-23 Tested on: 27-03-23 in dry/wet condition



Test Specification



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	Raft (3000 Psi)	13	3	2023	6Diax12		13.2	28.28	70	5545		Non Engraved
2	Raft (3000 Psi)	13	3	2023	6Diax12		13	28.28	57	4515		Non Engraved
3	Raft (3000 Psi)	13	3	2023	6Diax12		13	28.28	71	5624		Non Engraved
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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 comprerssive strength

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- 2. The test results are recommended to be interpreted in the light of above factors by the engineer.



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ORIGINAL

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> 4996 Dr. Aqsa

To: Senior Resident Engineer

EPCM Consultants.

Project: Construction of Conduit (NCB-PICIIP-03): Lot 3.

Our Ref. No. CL/CED/ 1550 Dated: 27-03-23 <u>Test Specification</u>

Your Ref. No. 3976/6/MMA/Lot-3/110/Lot-2/496 Dated: 16-03-23

COMPRESSION TEST REPORT

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

Specimens received on: 22-03-23 Tested on: 27-03-23 in dry/wet condition



(ASTM C39)



Sr. No.	Mark*			Date*	Size (in)	Wet Weight	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)			Water Absorpti on (%)	Remarks
1		19	2	2023	6Diax12		13.4	28.28	82	6495		Non Engraved
2		19	2	2023	6Diax12		12.8	28.28	78	6178		Non Engraved
3		19	2	2023	6Diax12		13.2	28.28	84	6653		Non Engraved
4		10	2	2023	6Diax12		13.2	28.28	53	4198		Non Engraved
5		10	2	2023	6Diax12	GINE	13.2	28.28	74	5861		Non Engraved
6		10	2	2023	6Diax12	READIN	12.8	28.28	70	5545		Non Engraved
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9							70					
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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 comprerssive strength

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



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> 4973 Dr. Aqsa

To: Mr. Kashan Murtaza, Site Incharge

UNIRAZZ SERVICES

Project: Construction of AHU Building Packages Mall Extension Work.

 Our Ref. No. CL/CED/
 1551
 Dated:
 27-03-23
 Test Specification

 Your Ref. No.
 USPL/PRPL-023-2310-8
 Dated:
 17-03-23
 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 17-03-23 Tested on: 27-03-23 in dry/wet condition





Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section		Ultimate Stress	Absorpti	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	IB-CV-1-1	10	3	2023	6Diax12		13	28.28	57	4515		Non Engraved
2	IB-CV-1-2	10	3	2023	6Diax12		13	28.28	51	4040		Non Engraved
3	IB-CW-2-3	10	3	2023	6Diax12		13.2	28.28	54	4277		Non Engraved
4	IB-CW-2-4	10	3	2023	6Diax12		13	28.28	55	4356		Non Engraved
5	IC-CW-2-2	10	3	2023	6Diax12	GINE	13.2	28.28	49	3881		Non Engraved
6	IC-CW-2-3	10	3	2023	6Diax12	READW	13.6	28.28	63	4990		Non Engraved
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16												

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 comprerssive strength

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> 4973 Dr. Aqsa

To: Mr. Kashan Murtaza **UNIRAZZ SERVICES**

Project: Construction of AHU Building Packages Mall Extension Work.

Our Ref. No. CL/CED/ 1552 Dated: 27-03-23 **Test Specification** (ASTM C39)

Your Ref. No. USPL/PRPL-023-2310-8 Dated: 17-03-23

COMPRESSION TEST REPORT

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

17-03-23 Tested on: Specimens received on: 27-03-23 in dry/wet condition





Sr. No.	Mark*			Date*	Size	Wet Weight		Area of X-Section	load		Water Absorpti on (%)	Remarks
	ID 0V 0.4	DD		YYYY	(in)		(Kg/ gms)		(Imp.Tons)			Non Engage
1	IB-CV-2-1	9	3	2023	6Diax12		13.4	28.28	47	3723		Non Engraved
2	IB-CV-2-2	9	3	2023	6Diax12		13.2	28.28	53	4198		Non Engraved
3	IB-CW-1-3	9	3	2023	6Diax12		13.4	28.28	54	4277		Non Engraved
4	IB-CW-1-4	9	3	2023	6Diax12		13.4	28.28	58	4594		Non Engraved
5	ID-CV-2-1	9	3	2023	6Diax12	GINE	13.4	28.28	60	4752		Non Engraved
6	ID-CV-2-3	9	3	2023	6Diax12	READIN	13.2	28.28	50	3960		Non Engraved
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Witnessed 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 comprerssive strength

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



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> 4964 Dr. Aqsa

To: Mr. Muhammad Shahbaz

Imperium Hospitality (Pvt) Ltd.

Project: Nil

 Our Ref. No. CL/CED/
 1553
 Dated:
 27-03-23
 Test Specification

 Your Ref. No.
 IHPL/Con/988
 Dated:
 15-03-23
 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 16-03-23 Tested on: 27-03-23 in dry/wet condition





Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section		Ultimate Stress	Absorpti	Remarks
		DD	ММ	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	5000 psi	20	1	2023	6Diax12		14	28.28	80	6337		Non Engraved
2	5000 psi	20	1	2023	6Diax12		13	28.28	88	6970		Non Engraved
3	5000 psi	20	1	2023	6Diax12		13	28.28	89	7050		Non Engraved
4												
5					/	GINE	RINE					
6						READIN	200					
7						DE NAME OF THY LORD WHO	16					
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Witnessed by: Engr. Fahad Hussain (KB), CNIC # 37104-9537955-1

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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 comprerssive strength

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> 4964 Dr. Aqsa

To: Mr. Muhammad Shahbaz

Imperium Hospitality (Pvt) Ltd.

Project: Nil

 Our Ref. No. CL/CED/
 1554
 Dated:
 27-03-23
 Test Specification

 Your Ref. No.
 IHPL/Con/991
 Dated:
 15-03-23
 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 16-03-23 Tested on: 27-03-23 in dry/wet condition





Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section		Ultimate Stress	Absorpti	Remarks
		DD	ММ	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	5000 psi	25	1	2023	6Diax12		13.2	28.28	84	6653		Non Engraved
2	5000 psi	25	1	2023	6Diax12		13.4	28.28	79	6257		Non Engraved
3	5000 psi	25	1	2023	6Diax12		13.4	28.28	91	7208		Non Engraved
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Witnessed by: Engr. Fahad Hussain (KB), CNIC # 37104-9537955-1

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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 comprerssive strength

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> 4964 Dr. Aqsa

To: Mr. Muhammad Shahbaz

Imperium Hospitality (Pvt) Ltd.

Project: Nil

 Our Ref. No. CL/CED/
 1555
 Dated:
 27-03-23
 Test Specification

 Your Ref. No.
 IHPL/Con/994
 Dated:
 15-03-23
 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 16-03-23 Tested on: 27-03-23 in dry/wet condition





Sr. No.	Mark*			Date*	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)			Water Absorpti on (%)	Remarks
1	4000 psi	8	2	2023	6Diax12		13.8	28.28	88	6970		Non Engraved
2	4000 psi	8	2	2023	6Diax12		13.6	28.28	101	8000		Non Engraved
3	4000 psi	8	2	2023	6Diax12		13.2	28.28	74	5861		Non Engraved
4												
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Witnessed by: Engr. Fahad Hussain (KB), CNIC # 37104-9537955-1

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

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

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



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> 4964 Dr. Aqsa

To: Mr. Muhammad Shahbaz

Imperium Hospitality (Pvt) Ltd.

Project: Nil

Our Ref. No. CL/CED/ 1556 Dated: 27-03-23 **Test Specification** Your Ref. No. IHPL/Con/997 Dated: 15-03-23

COMPRESSION TEST REPORT

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

16-03-23 Specimens received on: Tested on: 27-03-23 in dry/wet condition



(ASTM C39)



Sr. No.	Mark*			Date*	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)			Water Absorpti on (%)	Remarks
1	4000 psi	14	2	2023	6Diax12		13.6	28.28	89	7050		Non Engraved
2	4000 psi	14	2	2023	6Diax12		13.4	28.28	72	5703		Non Engraved
3	4000 psi	14	2	2023	6Diax12		13.2	28.28	74	5861		Non Engraved
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Witnessed by: Engr. Fahad Hussain (KB), CNIC # 37104-9537955-1

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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 comprerssive strength

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> 4964 Dr. Aqsa

To: Mr. Muhammad Shahbaz

Imperium Hospitality (Pvt) Ltd.

Project: Nil

 Our Ref. No. CL/CED/
 1557
 Dated:
 27-03-23
 Test Specification

 Your Ref. No.
 IHPL/Con/974
 Dated:
 15-03-23
 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 16-03-23 Tested on: 27-03-23 in dry/wet condition





Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Absorpti	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	4000 psi	12	1	2023	6Diax12		13.8	28.28	81	6416		Non Engraved
2	4000 psi	12	1	2023	6Diax12		13	28.28	85	6733		Non Engraved
3	4000 psi	12	1	2023	6Diax12		13.4	28.28	73	5782		Non Engraved
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Witnessed by: Engr. Fahad Hussain (KB), CNIC # 37104-9537955-1

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

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> 4964 Dr. Aqsa

To: Mr. Muhammad Shahbaz

Imperium Hospitality (Pvt) Ltd.

Project: Nil

 Our Ref. No. CL/CED/
 1558
 Dated:
 27-03-23
 Test Specification

 Your Ref. No.
 IHPL/Con/975
 Dated:
 15-03-23
 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 16-03-23 Tested on: 27-03-23 in dry/wet condition





Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section		Ultimate Stress	Absorpti	Remarks
		DD	ММ	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	4000 psi	13	1	2023	6Diax12		13.4	28.28	57	4515		Non Engraved
2	4000 psi	13	1	2023	6Diax12		13.6	28.28	84	6653		Non Engraved
3	4000 psi	13	1	2023	6Diax12		13.4	28.28	65	5149		Non Engraved
4												
5					/	GINE	RIATE					
6						READIN	200	X				
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11												
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13												
14												
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16												

Witnessed by: Engr. Fahad Hussain (KB), CNIC # 37104-9537955-1

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

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

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



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ORIGINAL

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

> 4964 Dr. Aqsa

To: Mr. Muhammad Shahbaz

Imperium Hospitality (Pvt) Ltd.

Project: Nil

 Our Ref. No. CL/CED/
 1559
 Dated:
 27-03-23
 Test Specification

 Your Ref. No.
 IHPL/Con/989
 Dated:
 15-03-23
 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 16-03-23 Tested on: 27-03-23 in dry/wet condition





Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section		Ultimate Stress	Water Absorpti	Remarks
		DD	ММ	YYYY	(in)	(Kg/ gms)	(Kg/ gms)		(Imp.Tons)		on (%)	
1	4000 psi	24	1	2023	6Diax12		13.6	28.28	77	6099		Non Engraved
2	4000 psi	24	1	2023	6Diax12		13.4	28.28	90	7129		Non Engraved
3	4000 psi	24	1	2023	6Diax12		13.8	28.28	77	6099		Non Engraved
4												
5					/	GINE	RINE					
6						READIN	200					
7					A	DE NIGE OF THY LORD WHO	- L					
8					S							
9								7				
10					🤇	-LA	HORE.					
11												
12												
13												
14												
15												
16												

Witnessed by: Engr. Fahad Hussain (KB), CNIC # 37104-9537955-1

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

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

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



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

> 4964 Dr. Aqsa

To: Mr. Muhammad Shahbaz

Imperium Hospitality (Pvt) Ltd.

Project: Nil

 Our Ref. No. CL/CED/
 1560
 Dated:
 27-03-23
 Test Specification

 Your Ref. No.
 IHPL/Con/977
 Dated:
 15-03-23
 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 16-03-23 Tested on: 27-03-23 in dry/wet condition





Sr. No.	Mark*			Date*	Size	Wet Weight	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	load		Water Absorpti on (%)	Remarks
1	5000 psi	17	1	2023	(in) 6Diax12		13	28.28	(Imp.Tons) 103	(psi) 8158		Non Engraved
	· · · · · · · · · · · · · · · · · · ·											
2	5000 psi	17	1	2023	6Diax12		13.6	28.28	77	6099		Non Engraved
3	5000 psi	17	1	2023	6Diax12		13.2	28.28	114	9030		Non Engraved
4												
5						GINE	RINE					
6						READIN	2000					
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9							7					
10						"-LA	HORE.					
11												
12												
13												
14												
15												
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Witnessed by: Engr. Fahad Hussain (KB), CNIC # 37104-9537955-1

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

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

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



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> 4964 Dr. Aqsa

To: Mr. Muhammad Shahbaz

Imperium Hospitality (Pvt) Ltd.

Project: Nil

 Our Ref. No. CL/CED/
 1561
 Dated:
 27-03-23
 Test Specification

 Your Ref. No.
 IHPL/Con/995
 Dated:
 15-03-23
 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 16-03-23 Tested on: 27-03-23 in dry/wet condition





Sr. No.	Mark*	Cas		Date*	Size (in)	Wet Weight (Ka/ ams)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)		Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	5000 psi	8	2	2023	6Diax12		13.2	28.28	90	7129		Non Engraved
2	5000 psi	8	2	2023	6Diax12		13.6	28.28	63	4990		Non Engraved
3	5000 psi	8	2	2023	6Diax12		13	28.28	107	8475		Non Engraved
4												
5					/	GINE	RIATE					
6						READIN	200					
7						DHE NAME OF THY LIDRO WHO	1999	E				
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13												
14												
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16												

Witnessed by: Engr. Fahad Hussain (KB), CNIC # 37104-9537955-1

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

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

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



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

> 4964 Dr. Aqsa

To: Mr. Muhammad Shahbaz

Imperium Hospitality (Pvt) Ltd.

Project: Nil

 Our Ref. No. CL/CED/
 1562
 Dated:
 27-03-23
 Test Specification

 Your Ref. No.
 IHPL/Con/996
 Dated:
 15-03-23
 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 16-03-23 Tested on: 27-03-23 in dry/wet condition





Sr. No.	Mark*	Cas		Date*	Size	Wet Weight		Area of X-Section (Sq. in)	load		Water Absorpti on (%)	Remarks
	4000!				(in)		(Kg/ gms)		(Imp.Tons)			Non Engage
1	4000 psi	9	2	2023	6Diax12		13.6	28.28	76	6020		Non Engraved
2	4000 psi	9	2	2023	6Diax12		13.6	28.28	79	6257		Non Engraved
3	4000 psi	9	2	2023	6Diax12		14	28.28	108	8554		Non Engraved
4												
5					/	CTME	RINE					
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16												

Witnessed by: Engr. Fahad Hussain (KB), CNIC # 37104-9537955-1

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

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

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



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> 4964 Dr. Aqsa

To: Mr. Muhammad Shahbaz

Imperium Hospitality (Pvt) Ltd.

Project: Nil

 Our Ref. No. CL/CED/
 1563
 Dated:
 27-03-23
 Test Specification

 Your Ref. No.
 IHPL/Con/993
 Dated:
 15-03-23
 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 16-03-23 Tested on: 27-03-23 in dry/wet condition





Sr. No.	Mark*	Casting Date*			Size	Wet Weight	Dry Weight	Area of X-Section		Ultimate Stress	Absorpti	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	4000 psi	3	2	2023	6Diax12		13.2	28.28	105	8317		Non Engraved
2	4000 psi	3	2	2023	6Diax12		14	28.28	86	6812		Non Engraved
3	4000 psi	3	2	2023	6Diax12		13.2	28.28	92	7287		Non Engraved
4												
5					/	CETME	RING					
6						READIN	715					
7						DHE NIGGE OF THY LIDRO WHO	199	==				
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14												
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Witnessed by: Engr. Fahad Hussain (KB), CNIC # 37104-9537955-1

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

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

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



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> 4964 Dr. Aqsa

To: Mr. Muhammad Shahbaz

Imperium Hospitality (Pvt) Ltd.

Project: Nil

 Our Ref. No. CL/CED/
 1564
 Dated:
 27-03-23
 Test Specification

 Your Ref. No.
 IHPL/Con/992
 Dated:
 15-03-23
 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 16-03-23 Tested on: 27-03-23 in dry/wet condition





Sr. No.	Mark*	Cas		Date*	Size (in)	Wet Weight	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)		Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	4000 psi	29	1	2023	6Diax12		13	28.28	81	6416		Non Engraved
2	4000 psi	29	1	2023	6Diax12		13.6	28.28	67	5307		Non Engraved
3	4000 psi	29	1	2023	6Diax12		13.8	28.28	67	5307		Non Engraved
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5					/	RINE	RINTE					
6						READ IN						
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12												
13												
14												
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Witnessed by: Engr. Fahad Hussain (KB), CNIC # 37104-9537955-1

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

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

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



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> 4964 Dr. Aqsa

To: Mr. Muhammad Shahbaz

Imperium Hospitality (Pvt) Ltd.

Project: Nil

 Our Ref. No. CL/CED/
 1565
 Dated:
 27-03-23
 Test Specification

 Your Ref. No.
 IHPL/Con/987
 Dated:
 15-03-23
 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 16-03-23 Tested on: 27-03-23 in dry/wet condition





Sr. No. Mark*		Casting 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	4000psi	19	1	2023	6Diax12		14	28.28	91	7208		Non Engraved
2	4000psi	19	1	2023	6Diax12		13.2	28.28	101	8000		Non Engraved
3	4000 psi	19	1	2023	6Diax12		13.8	28.28	89	7050		Non Engraved
4												
5					/	CINE	RINE					
6						NEAD IN						
7						DE NIGE OF THY LORD WHO	- E - F - F					
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13												
14												
15												
16												

Witnessed by: Engr. Fahad Hussain (KB), CNIC # 37104-9537955-1

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

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

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



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.

> 4964 Dr. Aqsa

Test Specification

To: Mr. Muhammad Shahbaz

Imperium Hospitality (Pvt) Ltd.

Project: Nil

Your Ref. No.

Our Ref. No. CL/CED/ 1566 Dated: 27-03-23

Dated: 15-03-23 (ASTM C39)

COMPRESSION TEST REPORT

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

IHPL/Con/976

Specimens received on: 16-03-23 Tested on: 27-03-23 in dry/wet condition

ONLINE REPORT

Sr. No.	Mark*	Casting Date*			Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Absorpti	Remarks
		DD	ММ	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	4000psi	17	1	2023	6Diax12		14	28.28	91	7208		Non Engraved
2	4000psi	17	1	2023	6Diax12		13.2	28.28	83	6574		Non Engraved
3	4000 psi	17	1	2023	6Diax12		13.6	28.28	75	5941		Non Engraved
4												
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Witnessed by: Engr. Fahad Hussain (KB), CNIC # 37104-9537955-1

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

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

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