

Plain and Reinforced Concrete Laboratory Civil Engineering Department

University of Engineering and Technology, Lahore. Pakistan Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895 <u>ORIGINAL</u> A carbon copy for the report has been retained in the lab for record.

> 6143 Dr. Umbreen

То:	Sub Divisional C Civil Constructio	officer on Sub Division-II GSC LESCO, Lahore. Laho	re Electric Supply Co	mpany	
	•	ction of 132 KV GIS Grid Station Zaamin City egetable Market Kahna, Lahore. (Control Hou	•		rain
	Our Ref. No. CL/	CED/ 3385	Dated:	02-11-23	Test Specification
	Your Ref. No.	SDO/CIVIL/GSC/LESCO/400-02	Dated:	06-10-23	(ASTM C39)

COMPRESSION TEST REPORT



Specim	ens received on:	26-10-23 Tested on:		Tested on:	02-11-23 in		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 Stress (psi)	Water Absorpti on (%)	Remarks
1	(1:2:4)	27	9	2023	6Diax12		14	28.28	68	5386		Non Engraved
2	(1:2:4)	27	9	2023	6Diax12		14	28.28	64	5069		Non Engraved
3	(1:2:4)	27	9	2023	6Diax12		13.8	28.28	62	4911		Non Engraved
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16												
Witnessed by: Nil												

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

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

6147 Dr. Umbreen

To: Mr. Muhammad Saddique Head QA/AC, AI-A'Zamiyya Block Phase-I.

Project: Nil				
Our Ref. No. CL/C	ED/ 3386	Dated:	02-11-23	Test Specification
Your Ref. No.	Alz./CT/UET/009	Dated:	25-10-23	(ASTM C39)

COMPRESSION TEST REPORT



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

Specim	2	6-10	-23	Tested on:	02-1	1-23	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 Ioad (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	3000 Psi	19	10	2023	6Diax12		14.8	28.28	50	3960		Non Engraved
2	3000 Psi	19	10	2023	6Diax12		13.4	28.28	34	2693		Non Engraved
3	3000 Psi	19	10	2023	6Diax12		14.6	28.28	48	3802		Non Engraved
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16												
Witnessed by: Nil												

Witnessed by: Nil

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Civil Engineering Department

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

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

> 6152 Dr. Umbreen

To: Mr. Muhammad Irfan

Material Engineer, Banu Mukhtar Contracting (Pvt.) Ltd.

Project: Construction of Burj-1 by Ajwa Builders (Main Building B/02, Zone #02, 6000 Psi)

Our Ref. No. CL/	CED/ 3387	Dated:	02-11-23	Test Specification
Your Ref. No.	DOC-BMC/AJWA/120	Dated:	27-10-23	(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on:			27-10-23 Tested on:			02-11-23 in dry/wet		et condition			ONLINE REPORT
Mark*		-		Size (in)	Wet Weight (Ka/ ams)	Dry Weight (Ka/ ams)			Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
Lift-02 Grids#H- H'/5'-6 (B/02)	29	9	2023	6Diax12		14.2	28.28	46	3644		Non Engraved
Lift-02 Grids#H- H'/5'-6 (B/02)	29	9	2023	6Diax12		14	28.28	72	5703		Non Engraved
Lift-02 Grids#H- H'/5'-6 (B/02)	29	9	2023	6Diax12		14	28.28	61	4832		Non Engraved
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Civil Engineering Department

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> 6161 Dr. Umbreen

To: Assistant Engineer

Building and Works Department, University of Engineering and Technology, Lahore.

Project: Construction of RCC Slab for the Entrance in H-Type Quarter, UET Lahore.

Our Ref. No. CL	'CED/ 3388	Dated:	02-11-23	Test Specification
Your Ref. No.	B&W/AEN-CH-Type/01	Dated:	30-10-23	(BS 3921**)

COMPRESSION TEST REPORT



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

Specimens received on:		30-10-23		-23	Tested on:	02-11-23		in dry/wet condition				
Sr. No.	Mark*	Mark*		Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate Ioad	Ultimate Stress	Absorpti	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	ABC				9 x 4.4 x 2.9	4640	3225	39.6	46	2602	43.88	
2	ABC				9.2 x 4.3 x 3	3795	3245	39.56	40	2265	16.95	
3	ABC				8.7 x 4.4 x 2.8	3490	3160	38.28	44	2575	10.44	
4	ABC				8.7 x 4.4 x 2.8	3640	3255	38.28	48	2809	11.83	
5	ABC				8.8 x 4.2 x 2.7	3580	3170	36.96	48	2909	12.93	
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Witnessed by:												

Witnessed by:

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Director/Dy. Director Concrete Laboratory



Civil Engineering Department

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6170 Dr. Umbreen

To: Mr. Muhammad Yaseen

Sr. Project Manager, Pak Engineering Solution.

Project: Construction of National Food Galaxy Project at Fidmic Sahianwala Faisalabad.

Our Ref. No. CL/C	ED/ 3389-1 of 2	Dated:	02-11-23	Test Specification
Your Ref. No.	PES-NFL-026	Dated:	31-10-23	()

COMPRESSION TEST REPORT

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

Specim	Specimens received on:		31-10-23 Teste		Tested on:	02-11-23		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 Ioad (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	Kerb Stone				6x6x6		9	36	100	6222		Cut Cube
2	Kerb Stone				6x6x6		9	36	95	5911		Cut Cube
3												
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16												
Witnessed by: Nil												

Witnessed by: Nil

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Civil Engineering Department

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

6170 Dr. Umbreen

To: Mr. Muhammad Yaseen

Sr. Project Manager, Pak Engineering Solution.

Project: Construction of National Food Galaxy Project at Fidmic Sahianwala Faisalabad

Our Ref. No. CL/0	CED/ 3389-2 of 2	Dated:	02-11-23	Test Specification
Your Ref. No.	PES-NFL-026	Dated:	31-10-23	()

COMPRESSION TEST REPORT

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

Specim	ens received on:	3	1-10	-23	Tested on:	02-1	1-23	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 Ioad (Imp.Tons)		Water Absorpti on (%)	Remarks
1	Uni-Block, Grey, 60mm				2.3 thick		3395	36.99	100	6056		
2	Uni-Block, Grey, 60mm				2.3 thick		3460	36.99	127	7691		
3	Uni-Block, Grey, 60mm				2.3 thick		3360	36.99	162	9810		
4												
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15												
16												
Witness	Witnessed by: Nil											

Witnessed by: Nil

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Director/Dy. Director Concrete Laboratory



Civil Engineering Department

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

6175 Dr. Umbreen

To: Mr. Shakeel Ahmad Officer (Purchase), Rupafil Limited

Project: Nil			
Our Ref. No. CL/CED/ 3390	Dated:	02-11-23	Test Specification
Your Ref. No. Nil	Dated:	01-11-23	(BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 01-11-23			Tested on:	ted on: 02-11-23		in dry/wet condition				ONLINE REPORT		
Sr. No.	Mark*	Casting Date*			Size (in)	Wet Weight (Kq/ qms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)		Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1		27	9	2023	6x6x6		9.2	36	93	5787		Engraved
2		27	9	2023	6x6x6		9	36	94	5849		Engraved
3		27	9	2023	6x6x6		9.2	36	89	5538		Engraved
4		2	10	2023	6x6x6	/	9	36	105	6533		Engraved
5		2	10	2023	6x6x6	NHNE	R1/19;	36	84	5227		Engraved
6		2	10	2023	6x6x6 🔪	READ IN	209	36	83	5164		Engraved
7						OF THY HORD WHO CREATES	زیجب الذکی خلق ر					
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9							1			-		
10							ORL			-		
11												
12										-		
13												
14												
15												
16												
Witnessed by: Nil												

Witnessed by: Nil

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Director/Dy. Director Concrete Laboratory



Plain and Reinforced Concrete Laboratory Civil Engineering Department

University of Engineering and Technology, Lahore. Pakistan Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895 <u>ORIGINAL</u> A carbon copy for the report has been retained in the lab for record.

> 6179 Dr. Umbreen

To: Mr. Muhammad Shafiq Assistant Resident Engineer, Punjab Cities Program (MMP Pakistan Pvt. Ltd.) Project: Rehabilitation of Road with Tuff Pavers in Kamalia (Package-III PCP) R2-Dars's Ghousia to Garagai Shah via Bhain Main Gate Fazil Dewaan Park City. R1-Haji Chowk to Pakistan Chowk.

 Our Ref. No. CL/CED/ 3391
 Dated:
 02-11-23
 Test Specification

 Your Ref. No.
 KM/PKG03/25
 Dated:
 31-10-23
 (----)

COMPRESSION TEST REPORT

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

Specimens received on:			1-11	-23	Tested on:	02-1	1-23	in dry/we	t condition			ONLINE REPORT
Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate Ioad	Ultimate Stress	Absorpti	Remarks
		DD	ММ	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	Rectangular, Grey, 80mm				7.8x3.8x3.1		3785	29.64	97	7331		Izhar Pavers Pvt. Ltd.
2	Rectangular, Grey, 80mm				7.8x3.8x3.1		3765	29.64	100	7557		Izhar Pavers Pvt. Ltd.
3	Rectangular, Grey, 80mm				7.8x3.8x3.1		3675	29.64	95	7179		Izhar Pavers Pvt. Ltd.
4	Rectangular, Grey, 80mm				7.8x3.8x3.1		3645	29.64	74	5592		Izhar Pavers Pvt. Ltd.
5	Rectangular, Grey, 80mm				7.8x3.8x3.1	THE	3690	29.64	109	8238		Izhar Pavers Pvt. Ltd.
6	Rectangular, Grey, 80mm				7.8x3.8x3.1	KEAU N	3795	29.64	100	7557		Izhar Pavers Pvt. Ltd.
7	Rectangular, Red, 80mm				7.8x3.8x3.1	OF THY CRD WHO CREATES	3825	29.64	72	5441		Izhar Pavers Pvt. Ltd.
8	Rectangular, Red, 80mm				7.8x3.8x3.1		3690	29.64	73	5517		Izhar Pavers Pvt. Ltd.
9	Rectangular, Red, 80mm				7.8x3.8x3.1	20-	3810	29.64	74	5592		Izhar Pavers Pvt. Ltd.
10	Rectangular, Red, 80mm				7.8x3.8x3.1	(A	3780	29.64	68	5139		Izhar Pavers Pvt. Ltd.
11	Rectangular, Red, 80mm				7.8x3.8x3.1		3765	29.64	86	6499		Izhar Pavers Pvt. Ltd.
12	Rectangular, Red, 80mm				7.8x3.8x3.1		3680	29.64	73	5517		Izhar Pavers Pvt. Ltd.
13												
14												
15												
16												
Witness	Nitnessed by: Mr. Mudassar Iqbal & Mr. M. Shafiq CNIC 36304-2378145-9											

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6179 Dr. Umbreen

Test Specification

То:	Mr. Muhammad Shafiq Assistant Resident Engineer, Punjab Cities Program (MMP Pakistan Pvt. Ltd.)										
	Project: Rehabilitation of Road with Tuff Pavers in Kamalia (Package-III PCP) R2-Dars's Ghousia to Garagai Shah via Bhain Main Gate Fazil Dewaan Park City.										
	Our Ref. No. CL/CED/ 3392	Dated:	02-11-23	-							
	Your Ref. No. KM/PKG03/27	Dated:	31-10-23								

COMPRESSION TEST REPORT

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

Specimens received on: 01-11-23 Tested on				Tested on:	02-1	1-23	in dry/we	t condition			ONLINE REPORT	
Sr. No.	Mark*		•	Date*	Size	Wet Weight	Dry Weight	Area of X-Section (Sq. in)		Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
	Uni-Block, Grey,	00			(in)	(r.g/ gms)	(Kg/ gms)	,	(Imp.Tons)		. ,	Innovative Conc.
1	80mm				3.1 thick		4785	37.44	156	9333		Products
2	Uni-Block, Grey, 80mm				3.1 thick		4685	37.44	166	9932		Innovative Conc. Products
3	Uni-Block, Red, 80mm				3.1 thick		4765	37.44	115	6880		Innovative Conc. Products
4	Uni-Block, Red, 80mm				3.1 thick		4715	37.44	95	5684		Innovative Conc. Products
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Witnessed by: Mr. Mudassar Iqbal & Mr. M. Shafiq CNIC 36304-2378145-9												

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 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)