

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.

7417 Dr. M. Yousaf

То:	Engineer's Repr Metroplan-Asiar	Engineer's Representative Metroplan-Asian JV, Site Office JIC-JHL, Lahore. Asian Consulting Engineers (Pvt.) Ltd.										
	Project: Establishment of Jinnah Institute of Cardiology at Jinnah Hospital Lahore. (Contractor: M/s CCECC- SALMAN (JV).											
	Our Ref. No. CL	/CED/ 5262	Dated:	10-07-24	Test Specification							
	Your Ref. No.	Metroplan-Asian JV JIC-JHL-RE-219-2024	Dated:	09-07-24	()							

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COMPRESSION TEST REPORT



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

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Specim	ens received on:	1	0-07	-24	Tested on:	10-0)7-24	in dry/we	t condition			ONLINE REPORT
Sr. No.	Mark*	Cas DD	ting MM	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	Solid Block	2	7	2024	11.9x6.0x7.9		21	71.4	49	1537		
2	Solid Block	2	7	2024	11.9x6.0x8.0		21	71.4	41	1286		
3	Solid Block	2	7	2024	11.9x5.9x8.0		21	70.21	44	1404		
4												
5						NHNE	RING					
6					>	READ IN	2071					
7						OF THY HORD WHO OREATES	زیجب الذکی خلق ر					
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Witness	Witnessed by: Nil											

witnessea by: Nii

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)

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



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7358 Dr. M. Mazhar

To: Mr. Muhammad Sajjad Project Incharge

Project: Construction of House No. 60, C Block Model Town Lahore.

Our Ref. No. CL/CE	D/ 5263	Dated:	10-07-24	Test Specification
Your Ref. No.	Nil	Dated:	27-06-24	(ASTM C39)

COMPRESSION TEST REPORT



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

Specimo	ens received on:	2	7/6/2	024	Tested on:	10-0)7-24	in dry/wet	t condition		0	i Centre d			
Sr. No.	Mark*	Cas	Casting Date*		Casting Date*		Casting Date* Size		Wet Weight	Dry Weight	Area of X-Section	Ultimate Ioad	Ultimate Stress	Water Absorpti	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)				
1	Columns (4000 Psi)	11	6	2024	6Diax12		14	28.28	58	4594		Non Engraved			
2	Columns (4000 Psi)	11	6	2024	6Diax12		14	28.28	62	4911		Non Engraved			
3	Columns (4000 Psi)	14	6	2024	6Diax12		14	28.28	62	4911		Non Engraved			
4	Columns (4000 Psi)	14	6	2024	6Diax12		14	28.28	48	3802		Non Engraved			
5					(TUR	RINTS .								
6					-)	READ N	207								
7						OF THY -CORD WHO OREATES	زیج۔ انڈی خلق ر								
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Witness	ad bu														

Witnessed by:

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7413 Dr. M. Mazhar

To: Mr. Muhammad Zafar Igbal Mohallah Makkah Colony, Gulberg-III Lahore.

Project: Nil				
Our Ref. No. CL/CI	ED/ 5264	Dated:	10-07-24	Test Specification
Your Ref. No.	No. 01	Dated:	08-07-24	(ASTM C39)

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COMPRESSION TEST REPORT



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

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Specimo	ens received on:	0	9-07	-24	Tested on:	10-0)7-24	in dry/we	t condition		Ū	i crittini i
Sr. No.	Sr. No. Mark*		Casting Date*		Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate Ioad	Ultimate Stress	Water Absorpti	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	011 (76)	
1	(1:1.25:2.5)	8	6	2024	6Diax12		14	28.28	62	4911		Non Engraved
2	(1:1.25:2.5)	8	6	2024	6Diax12		13.8	28.28	70	5545		Non Engraved
3	(1:1.25:2.5)	8	6	2024	6Diax12		14	28.28	80	6337		Non Engraved
4	(1:2:2)	9	6	2024	6Diax12		14.8	28.28	60	4752		Non Engraved
5	(1:2:2)	9	6	2024	6Diax12	NGINE	R/14.4	28.28	68	5386		Non Engraved
6	(1:2:2)	9	6	2024	6Diax12		14	28.28	62	4911		Non Engraved
7						OF THY CORD WHO OREATES	ریجہ) اند کی خلق ر					
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Witness	od by:											

witnessea by:

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7407 Dr. M. Mazhar

To: MEEZAN DEVELOPERS

Main Boulevard Jubilee Town, Lahore.

Project: Construction of Jamia-Tur-Rasheed Lahore Campus.

Our Ref. No. CL/CED/	5265	Dated:	10-07-24	Test Specification
Your Ref. No. Ni	I	Dated:	08-07-24	(ASTM C39)

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COMPRESSION TEST REPORT



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

Specim	ens received on:	0	8-07	-24	Tested on:	10-0)7-24	in dry/wet	t condition		0	o criating a
Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Water Absorpti on (%)	Remarks
		DD	ММ	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	•(///	
1	FS.2 +FS.2	6	6	2024	6Diax12		14	28.28	42	3327		Engraved
2	FS.2 +FS.2	6	6	2024	6Diax12		14	28.28	48	3802		Engraved
3												
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5						WHINE	RING A					
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7						OF THY GRATES	زیجب اندکی خلق ر					
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16												
14/14												

Witnessed by:

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7414 Dr. M. Mazhar

To: Engr. Hassan Mahmood

Resident Engineer, G3 Engineering Consultants (Pvt) Ltd

Project: Construction of DHA NEWLIFE RESIDENICA APARTMENTS at 273/1 Q BLOCK PHASE-II DHA,											
LAHORE (Slab of Grid G-H & Line 3-4 at 1st Floor and Stair at Grid (H-I) & Line 5-6 from 2nd to 3rd Floor)											
Our Ref. No. CL/CI	ED/ 5266	Dated:	10-07-24								
Your Ref. No.	G3/DHA/NLD/RE/237	Dated:	02-07-24								

Your Ref. No. G3/DHA/NLD/RE/237

COMPRESSION TEST REPORT

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

Specimens received on:		09-07-24 Teste		Tested on:	10-07-24		in dry/wet condition				14288-96 1428	
Sr. No.	Mark*	Cas DD	ting MM	Date* YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	4000 Psi	5	6	2024	6Diax12		14	28.28	68	5386		Engraved
2	4000 Psi	5	6	2024	6Diax12		13.4	28.28	62	4911		Engraved
3	4000 Psi	5	6	2024	6Diax12		14	28.28	72	5703		Engraved
4						-						
5						H	RING					
6)	READIN	2071					
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10					- <	-LA	IOR <u>E</u>					
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16												

Witnessed by:

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Test Specification (ASTM C39)



Civil Engineering Department University of Engineering and Technology, Lahore. Pakistan

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> 7390 Dr. M. Mazhar

To: Ittefaq Building Solutions Pvt. Ltd Airline Society, Khiyaban-e-Jinah, Lahore.

Project: Construction of LEARNING ALLIANCE SCHOOL.

Our Ref. No. CL/CI	ED/ 5267	Dated:	10-07-24	Test Specification
Your Ref. No.	Nil	Dated:	04-07-24	(ASTM C39)

Mobile: 0307-0496895

COMPRESSION TEST REPORT



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

Specimens received on:		04-07-24		-24	Tested on:	10-07-24		in dry/wet condition				
Sr. No.	Mark*	Cas DD	ting MM	Date* YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate Ioad (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1		16	6	2024	6Diax12		13.2	28.28	40	3168		Non Engraved
2		16	6	2024	6Diax12		14	28.28	42	3327		Non Engraved
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Witnessed by:

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7393 Dr. M. Mazhar

To: Mr. Nabeel Sarwar

Resident Engineer, HA Consulting JV Mascon Associates

Project: Expansion and Revamping of Warehouse at Medical Store Depot, Gurumangat Road, Lahore.

Our Ref. No. CL/0	CED/ 5268	Dated:	10-07-24	Test Specification
Your Ref. No.	HA-MAS/RE/RAC/2021	Dated:	04-07-24	(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on:		05-07-24		-24	Tested on:	10-07-24		in dry/wet condition				
Sr. No.	Mark*	Casting Date*		Casting Date* Size		Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Water Absorpti	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	011 (70)	
1	MSD-1 (Floor)- (1:2:4)	3	3	2024	6x6x6		9	36	83	5164		Non Engraved
2	MSD-1 (Floor)- (1:2:4)	3	3	2024	6x6x6		8.4	36	70	4356		Non Engraved
3	MSD-1 (Floor)- (1:2:4)	3	3	2024	6x6x6		8.4	36	58	3609		Non Engraved
4	UGWT Foundation (1:2:4)	15	3	2024	6x6x6		8.6	36	50	3111		Non Engraved
5	UGWT Foundation (1:2:4)	15	3	2024	6x6x6	NUTINE	8.6	36	92	5724		Non Engraved
6	UGWT Foundation (1:2:4)	15	3	2024	6x6x6 🔪	READ IN	8.6	36	74	4604		Non Engraved
7					-	OF THY HORD WHO CREATES	زیک ان کی خلق ر					
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10							IDR <u>F.</u>					
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12												
13												
14												
15												
16												
Witness	ed by:											

witnessea by:

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7393 Dr. M. Mazhar

To: Mr. Nabeel Sarwar

Resident Engineer, HA Consulting JV Mascon Associates

Project: Expansion and Revamping of Warehouse at Medical Store Depot, Gurumangat Road, Lahore.

Our Ref. No. CL/	CED/ 5269	Dated:	10-07-24	Test Specification
Your Ref. No.	MAS-JV-HA/RE/RAC/18	Dated:	11-04-24	(BS 1881-116)

COMPRESSION TEST REPORT



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

Specim	ens received on:	0	5-07	-24	Tested on:	10-0	07-24	in dry/wet	condition		0	10.000 <i>0</i> 0
Sr. No.	Mark*	Cas	Casting Date*		Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Water Absorpti on (%)	Remarks
		עט		YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp. I ons)	(psi)	. ,	
1	UGWT Retaining Wall (1:2:4)	7	4	2024	6x6x6		8.8	36	70	4356		Non Engraved
2	UGWT Retaining Wall (1:2:4)	7	4	2024	6x6x6		8.6	36	56	3484		Non Engraved
3	UGWT Retaining Wall (1:2:4)	7	4	2024	6x6x6		8	36	62	3858		Non Engraved
4												
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6						READ IN	2071					
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Witness	ad by:											

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7388 Dr. M. Mazhar

To: **Mr. IMTINAN SHAUKAT** Civil Generalist, Department of Engineering, Ittehad Chemicals Limited

Project: ICL ROAD ELE	EVATION
Our Ref. No. CL/CED/	5270

Your Ref. No. Nil

COMPRESSION TEST REPORT



Test Specification

(----)

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

Specimens received on:		04-07-24		-24	Tested on:	10-07-24		in dry/wet condition			i takan s	
Sr. No.	Mark*	Cas DD	ting MM	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	Uni-Block, Grey, 80mm				3.2 thick		4880	37.39	109	6530		
2	Uni-Block, Red, 80mm				3.2 thick		5050	37.39	95	5691		
3												
4												
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Dated:

Dated:

10-07-24

28/6/2024

witnessea by:

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