	Plain a: C: University Landline: 042-8	nd Reinforced Co vil Engineering De of Engineering and Technolo 9029245 & 042-99029202	oncrete Labor partment ogy, Lahore. Pakistan Mobile: 0307-049688	atory	ORIGINAL A carbon copy for the report has been retained in the lab for record.
To: Eng Res	r. Hassan Mahmoo ident Engineer, G3	d Engineering Consultants (Pvt.) I	Ltd.		4582 Dr. Aqsa
Pro (Co Our	ect: Construction on ntractor: M/s Ghous Ref. No. CL/CED/	f DHA Newlife Residency Appar ia Engineering & Construction I 924	tments at 273/1 Q Block Pvt. Ltd. Lahore.) Dated:	Phase-II, Lahore. 17-01-23	Test Specification
You	r Ref. No. G3/E	HA-NLD/RE/128	Dated:	12-01-23	(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on:		16-01-23		-23	Tested on:	17-01-23		in dry/wet condition		国際総合部分		
Sr. No.	Mark*	Cas DD	ting MM	Date* YYYY	Size (in)	Wet Weight (Kq/ qms)	Dry Weight (Kq/ qms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	5th F. Roof Slab (4000 Psi)	15	12	2022	6Diax12		13.8	28.28	55	4356		Non Engraved
2	5th F. Roof Slab (4000 Psi)	15	12	2022	6Diax12		14	28.28	57	4515		Non Engraved
3	5th F. Roof Slab (4000 Psi)	15	12	2022	6Diax12		13.4	28.28	53	4198		Non Engraved
4												
5					- /	ARINE	RIAL					
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16												
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

	Plain and Reinford Civil Engineeri University of Engineering and Landline: 042-99029245 & 042-990292	ed Concrete Labor ng Department Technology, Lahore. Pakistan 202 Mobile: 0307-04968	ratory	ORIGINAL A carbon copy for the report has been retained in the lab for record.
To: Eng Res	gr. Hassan Mahmood sident Engineer, G3 Engineering Consulta	nts (Pvt.) Ltd.		4582 Dr. Aqsa
Pro (Co Oui	ject: Construction of DHA Newlife Reside ntractor: M/s Ghousia Engineering & Con r Ref. No. CL/CED/ 925	ncy Appartments at 273/1 Q Block struction Pvt. Ltd. Lahore.) Dated:	Phase-II, Lahore. 17-01-23	Test Specification
Υοι	ır Ref. No. G3/DHA-NLD/RE/129	Dated:	12-01-23	(ASTM C39)

COMPRESSION TEST REPORT



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

Specim	ens received on:	16-01-23		-23	Tested on:	17-01-23		in dry/wet condition			Ċ	jester
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	Col. 6th Floor to 7th F. (5000 Psi)	15	12	2022	6Diax12		13.2	28.28	63	4990		Engraved
2	Col. 6th Floor to 7th F. (5000 Psi)	15	12	2022	6Diax12		14.2	28.28	58	4594		Engraved
3	Col. 6th Floor to 7th F. (5000 Psi)	15	12	2022	6Diax12		13.4	28.28	59	4673		Engraved
4												
5					/	GINE	RIATE					
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Witness	ed by:											

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

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



To: (Brig. Saeed Ahmed Malik) SI (M), (R) Resident Engineer, NESPAK (Pvt.) Ltd.

Project: Construction of Roads Inside Auto Mobile Parts Market Badami Bagh Ravi Zone Lahore.

Our Ref. No. CL/	CED/ 926	Dated:	17-01-23	Test Specification
Your Ref. No.	4084/103/BSAM/104/853	Dated:	09-01-23	(ASTM C39)

COMPRESSION TEST REPORT

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

Specim	ens received on:	1	6-01	-23	Tested on:	17-0)1-23	in dry/wet condition		Ö	jester	
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		18	12	2022	6Diax12		13	28.28	33	2614		Non Engraved
2		18	12	2022	6Diax12		13	28.28	39	3089		Non Engraved
3		18	12	2022	6Diax12		12.8	28.28	27	2139		non Engraved
4												
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Witness	ad hv											

vitnessea 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 comprerssive 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.



4589 Dr. Aqsa

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

4587 Dr. Aqsa

Engr. Major Zia UI Islam (R) Project Director, GCC, Lahore. (Overseas Construction Co. Pvt. Ltd.)

Project: Gulberg City Centre (Location: Basement-02 Line B.1, Grid 1-2 C3, 1-E-3) Slab Level-30'-4"

Our Ref. No. CL	/CED/ 927	Dated:	17-01-23	Test Specification
Your Ref. No.	OCC/CPD/13/100	Dated:	16-01-23	(ASTM C39)

Mobile: 0307-0496895

COMPRESSION TEST REPORT



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

Specim	ens received on:	1	6-01	-01-23 Tested on: 17-01-23 in dry/wet condition		Ċ	jesteg					
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)	31	12	2022	6Diax12		14.4	28.28	33	2614		Non Engraved
2	(4000 Psi)	31	12	2022	6Diax12		13.4	28.28	34	2693		Non Engraved
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To:

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

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

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



Го:	Engr. Major Zia UI Islam (R)
	Project Director, GCC, Lahore. (Overseas Construction Co. Pvt. Ltd.)

Project: Gulberg City Centre (Location: Basement-2 Grid 2-5 Line B1-E3 Slab).

Our Ref. No. CL/0	CED/ 928	Dated:	17-01-23	Test Specification
Your Ref. No.	OCC/CPD/13/104	Dated:	16-01-23	(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on:		1	16-01-23		Tested on:	17-01-23		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 load (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	(4000 Psi)	7	1	2023	6Diax12		13.6	28.28	33	2614		Non Engraved
2	(4000 Psi)	7	1	2023	6Diax12		13	28.28	32	2535		Non Engraved
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Witness	ed by:											

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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

 $\underline{\textbf{Note:}}$ 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.

> 4594 Dr. Umbreen

To: Mr. Muhammad Waris Jan

Asst, Manager (QA/QC), Engineering Kinetics (Pvt.) Ltd.

Project: P-627 (Pioneer Cement) De Sulphurization. (F01-Bucket Elevator Upper Foundation Slab)

Our Ref. No. CL/CED/ 929	Dated:	17-01-23	Test Specification
Your Ref. No. Nil	Dated:	17-01-23	(BS 1881-116)

COMPRESSION TEST REPORT

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

Specim	ens received on:	1	7/1/2	023	Tested on:	17-0	01-23	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	Water Absorpti	Remarks
		DD	MM	ΥΥΥΥ	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	(4000 Psi)	26	10	2022	6x6x6		8.6	36	96	5973		Non Engraved
2	(4000 Psi)	26	10	2022	6x6x6		8.6	36	94	5849		Non Engraved
3												
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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 comprerssive strength

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



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

ORIGINAL

4594 Dr. Umbreen

To: Mr. Muhammad Waris Jan Asst, Manager (QA/QC), Engineering Kinetics (Pvt.) Ltd.

Project: P-627 (Pioneer Cement) De Sulphurization.

Our Ref. No. CL/C	ED/ 930	Dated:	17-01-23	Test Specification
Your Ref. No.	Nil	Dated:	17-01-23	(BS 1881-116)

COMPRESSION TEST REPORT

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

Specim	ens received on:	17	7/1/2	023	Tested on:	17-0)1-23	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 load (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	Hopper Wall 1st Layer (4000 Psi)	2	11	2022	6x6x6		8.4	36	81	5040		Non Engraved
2	Hopper Wall 1st Layer (4000 Psi)	2	11	2022	6x6x6		8.6	36	104	6471		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/

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

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



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

ORIGINAL

4594 Dr. Umbreen

To: Mr. Muhammad Waris Jan

Asst, Manager (QA/QC), Engineering Kinetics (Pvt.) Ltd.

Project: P-627 (Pioneer Cement) De Sulphurization.

Our Ref. No. CL/C	ED/ 931	Dated:	17-01-23	Test Specification
Your Ref. No.	Nil	Dated:	17-01-23	(BS 1881-116)

COMPRESSION TEST REPORT

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

Specim	ens received on:	17	7/1/2	023	Tested on:	17-0)1-23	in dry/wet condition				ONLINE REPORT
Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate Ioad	Ultimate Stress	Water Absorpti on (%)	Remarks
1	Bucket Elevator	30	11	2022	6x6x6	(rtg/ gills) 	(rtg/ gills) 8.6	36	(iiiip. rons) 83	(psi) 5164		Non Engraved
2	Wall (4000 PSI) Bucket Elevator Wall (4000 Psi)	30	11	2022	6x6x6		8.6	36	79	4916		Non Engraved
3												
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5						ARTHE	RIATE					
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Witness	Nitnessed by: Nil											

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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 comprerssive strength

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



the report has been retained in the lab for record.

ORIGINAL

4594 Dr. Umbreen

To: Mr. Muhammad Waris Jan Asst, Manager (QA/QC), Engineering Kinetics (Pvt.) Ltd.

Project: P-627 (Pioneer Cement) De Sulphurization.

Our Ref. No. CL/C	ED/ 932	Dated:	17-01-23	Test Specification
Your Ref. No.	Nil	Dated:	17-01-23	(BS 1881-116)

COMPRESSION TEST REPORT

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

Specim	ens received on:	1	7/1/2	023	Tested on:	17-0)1-23	in dry/wet condition				ONLINE REPORT
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	F03-Column (4000 Psi)	2	11	2022	6x6x6		8.6	36	74	4604		Non Engraved
2	F03-Column (4000 Psi)	2	11	2022	6x6x6		8.6	36	84	5227		Non Engraved
3												
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Witness	ed by: Nil											

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

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