

Project: CONSTRUCTION OF NEW 500KV CIRCUIT BREAKER FOUNDATIONS AT ROUSH POWER PLANT, KHANEWAL, PAKISTAN. (B3Q2 (L1,L2,L3) & B2Q2 (L1,L2,L3)) Our Ref. No. CL/CED/ 5664 Dated: 23-08-24 Dated: 19-08-24

Your Ref. No. Rousch/24/MU/03

COMPRESSION TEST REPORT

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

Specimens received on: 2			22-08-24		Tested on:	23-08-24		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 load (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	Lean Concrete of Foundation	9	8	2024	6Diax12		13	28.28	30	2376		Non Engraved
2	Lean Concrete of Foundation	9	8	2024	6Diax12		13.4	28.28	24	1901		Non Engraved
3	Lean Concrete of Foundation	9	8	2024	6Diax12		13	28.28	34	2693		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 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.

Supervisor (Lab)

Director/Dy. Director Concrete Laboratory

Test Specification

(ASTM C39)



 Project: CONSTRUCTION OF NEW 500KV CIRCUIT BREAKER FOUNDATIONS AT ROUSH POWER PLANT,

 KHANEWAL, PAKISTAN. (B2Q2L3)

 Our Ref. No. CL/CED/ 5665

 Dated:
 23-08-24

 Your Ref. No.
 Rousch/24/MU/05

 Dated:
 21-08-24

 (ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on:		22-08-24		-24	Tested on:	23-08-24		in dry/wet condition				ONLINE REPORT
Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Water Absorpti on (%)	Remarks
1	Pad Concrete of	15	8	2024	6Diax12	(rtg/ gills)	14	28.28	(1111)	3327		Non Engraved
2	Foundation Pad Concrete of Foundation	15	8	2024	6Diax12		13	28.28	33	2614		Non Engraved
3	Pad Concrete of Foundation	15	8	2024	6Diax12		13.4	28.28	32	2535		Non Engraved
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15												
16												

Witnessed by: Nil

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Supervisor (Lab)



Dated:

20-08-24

(ASTM C39)

Your Ref. No. Rousch/24/MU/04

COMPRESSION TEST REPORT

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

Specimens received on:		22-08-24		-24	Tested on:	23-08-24		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	Pad Concrete of Foundation	13	8	2024	6Diax12		13.4	28.28	52	4119		Non Engraved
2	Pad Concrete of Foundation	13	8	2024	6Diax12		13	28.28	44	3485		Non Engraved
3	Pad Concrete of Foundation	13	8	2024	6Diax12		13	28.28	42	3327		Non Engraved
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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 ORIGINAL A carbon copy for the report has been retained in the lab for record.

7673 Engr. A. Rehman

To: Engr. Haseeb Afzal

Project Manager, HMB Developers Pvt. Ltd.

Project: Construction of 5th Floor Columns A/1,2 C, E/1,2,4 G, F/4 & Pick up Columns A'/1,3,3' A/3' B'/4

Our Ref. No. C	L/CED/ 5667	Dated:	23/8/2024	Test Specification
Your Ref. No.	HMBDPL/S.O/08/24/126 (LHR)	Dated:	23/8/2024	(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on:		23/8/2024		024	Tested on:	23/8/2024		in dry/wet condition			00000000000000000000000000000000000000	
Sr. No.	Mark*	Cas	asting 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	CT-129 (6000 Psi)	26	7	2024	6Diax12		14	28.28	66	5228		Non Engraved
2	CT-129 (6000 Psi)	26	7	2024	6Diax12		14	28.28	64	5069		Non Engraved
3	CT-129 (6000 Psi)	26	7	2024	6Diax12		14.2	28.28	69	5465		Non Engraved
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Witnessed by: Mr. Ghulam Nabi; CNIC 35201-1248412-1 Results can also be seen on website <u>https://civil.uet.edu.pk/concrete-laboratory-reports1/</u>

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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.

7651 Engr. A. Rehman

To: Engr. Zaheer ud Din Babar Deputy General Manager Projects, Habib Rafiq Engineering (Pvt.) Limited

Project: Construction of Sky Gardens Tower, Lahore (Core Wall-02)

Our Ref. No. CL/CED/ 5668	Dated:	23/8/2024	Test Specification
Your Ref. No. HRLE/SKG/2024/	59 Dated:	21-08-24	(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on:		21/8/2024		024	Tested on:	23/8/2024		in dry/wet condition				
Sr. No.	Mark*	Cas	asting 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	Level 00 to 01 at Grid (C-E/2-3)	24	7	2024	6Diax12		14.6	28.28	129	10218		Non Engraved
2	Level 00 to 01 at Grid (C-E/2-3)	24	7	2024	6Diax12		14	28.28	115	9109		Non Engraved
3	Level 00 to 01 at Grid (C-E/2-3)	24	7	2024	6Diax12		14.4	28.28	108	8554		Non Engraved
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Witnessed by:

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

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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.

7660 Engr. A. Rehman

Mr. Mouazam Al	i Shahzad										
Asst. Resident Engineer, New Vision Engineering Consultant											
Project: UPGRADATION & MODERNIZATION OF PAKISTAN MINT PHASE II-A SHALIMAR TOWN GT ROAD LAHORE											
Our Ref. No. CL/	/CED/ 5669	Dated:	23/8/2024								
Your Ref. No.	NVEC/RE/PAKMINT/2024/48	Dated:	20/8/2024								

COMPRESSION TEST REPORT



Test Specification (ASTM C39)

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

Specim	ens received on:	2	2/8/2	024	Tested on:	23/8	/2024	in dry/wet condition		Ü	jesterj	
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	Columns (5000 Psi)	12	8	2024	6Diax12		14	28.28	66	5228		Non Engraved
2	Columns (5000 Psi)	12	8	2024	6Diax12		13.2	28.28	64	5069		Non Engraved
3	Columns (5000 Psi)	12	8	2024	6Diax12		14	28.28	67	5307		Non Engraved
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Witnessed by:

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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.

7660 Engr. A. Rehman

To:	Mr. Mouazam Ali Asst. Resident E	Shahzad Ingineer, New Vision Engineering Consult	ant									
	Project: UPGRADATION & MODERNIZATION OF PAKISTAN MINT PHASE II-A SHALIMAR TOWN GT ROAD LAHORE											
	Our Ref. No. CL/	CED/ 5670	Dated:	23/8/2024								
	Your Ref. No.	NVEC/RE/PAKMINT/2024/	Dated:	13/8/2024								

COMPRESSION TEST REPORT



Test Specification (ASTM C39)

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

Specim	mens received on: 22/8/2024 Tested on: 23/8/2024 in dry/wet condition				jeskeg							
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	Plinth Beam	4	8	2024	6Diax12		13	28.28	58	4594		Non Engraved
2	Plinth Beam	4	8	2024	6Diax12		13.8	28.28	54	4277		Non Engraved
3	Plinth Beam	4	8	2024	6Diax12		14.2	28.28	64	5069		Non Engraved
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Witnessed by:

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Supervisor (Lab)



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.

7660 Engr. A. Rehman

To:	Mr. Mouazam Ali Shahzad Asst. Resident Engineer, New Vision Engineering Const	ultant										
	Project: UPGRADATION & MODERNIZATION OF PAKISTAN MINT PHASE II-A SHALIMAR TOWN GT ROAD LAHORE											
	Our Ref. No. CL/CED/ 5671	Dated:	23/8/2024									
	Your Ref. No. NVEC/RE/PAKMINT/2024/47	Dated:	20/8/2024									

COMPRESSION TEST REPORT



Test Specification (ASTM C39)

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

Specimens received on: 22/8/202		024	Tested on:	23/8/2024		in dry/wet condition			Ċ	jester		
Sr. No.	Mark*	Cas	sting 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	Plinth Beam (4000 Psi)	12	8	2024	6Diax12		14.4	28.28	81	6416		Non Engraved
2	Plinth Beam (4000 Psi)	12	8	2024	6Diax12		13.2	28.28	54	4277		Non Engraved
3	Plinth Beam (4000 Psi)	12	8	2024	6Diax12		14	28.28	58	4594		Non Engraved
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5						THE	RING					
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Supervisor (Lab)



Plain and Reinforced Concrete Laboratory

Civil Engineering Department

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

7584 Engr. A. Rehman

Test Specification

(----)

To: Sub Divisional Officer Buildings Sub Division C.M. Sectt; Lahore

Project: Special Repair to the Office of GOR-1, Lahore

Our Ref. No. CL/CED/ 5672

Your Ref. No. SDO/CMS/945

COMPRESSION TEST REPORT



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

Specimens received on:		0	09-08-24		Tested on: 23/8/2024		in dry/wet condition				je ste o	
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	Talwar				8.8 x 4.3 x 3	3735	3315	37.84	40	2368	12.67	
2	Talwar				8.9 x 4.3 x 2.8	3445	3100	38.27	44	2575	11.13	
3	Talwar				9 x 4.4 x 3	3820	3350	39.6	33	1867	14.03	
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Dated:

Dated:

23/8/2024

20/7/2024

Witnessed by:

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

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Supervisor (Lab)



Civil Engineering Department

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

7584 Dr. Umbreen

To: Sub Divisional Officer Buildings Sub Division C.M. Sectt; Lahore

Project: Special Repair to the Offices of GOR-1, Lahore

Our Ref. No. CL/CED/ 5673

Your Ref. No. SDO/CMS/939

COMPRESSION TEST REPORT



Test Specification

(BS 1881-116)

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

Specimens received on:		9/8/2024)24	Tested on: 22-08-24		8-24	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	RCC Concrete (1:1- 1/2:3)	20	6	2024	6x6x6		9	36	84	5227		Non Engraved
2	RCC Concrete (1:1- 1/2:3)	20	6	2024	6x6x6		9	36	62	3858		Non Engraved
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Dated:

Dated:

23/8/2024

04-07-24

Witnessed by:

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

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Civil Engineering Department

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7584 Dr. Umbreen

To: Sub Divisional Officer Buildings Sub Division C.M. Sectt; Lahore

Project: Special Repair to the Offices of GOR-1, Lahore

Our Ref. No. CL/CED/ 5674

Your Ref. No. SDO/CMS/942

COMPRESSION TEST REPORT



Test Specification

(BS 1881-116)

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

Specim	ens received on:	9	/8/20)24	Tested on:	22-0)8-24	in dry/we	t condition		0	i Centerio
Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight (Ka/ ams)	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Water Absorpti on (%)	Remarks
	RCC Concrete (1:1-	00			(11)	(rtg/ gills)	(rtg/ gills)	(54. 11)	(iiiip.10115)	(psi)		
1	1/2:3) Col.	22	6	2024	6x6x6		8.6	36	78	4853		Non Engraved
2	RCC Concrete (1:1- 1/2:3) Col.	22	6	2024	6x6x6		8.6	36	64	3982		Non Engraved
3												
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5					<	STATI	RING					
6					/ 4	KEAU N	2071	<u> </u>				
7					È	OF THY CREATES	رتجب الدقى خلق ر					
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14/24-2	and here											

Dated:

Dated:

23/8/2024

20-07-24

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.



Civil Engineering Department

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

7584 Engr. A. Rehman

Test Specification

(----)

To: Sub Divisional Officer Buildings Sub Division C.M. Sectt; Lahore

Project: Special Repair to the Office of GOR-1, Lahore

Our Ref. No. CL/CED/ 5675

Your Ref. No. SDO/CMS/918

COMPRESSION TEST REPORT



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

Specim	ens received on:	0	9-08	-24	Tested on:	23/8	/2024	in dry/wet condition			Ē	jesne g
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	RB				8.7 x 4.1 x 2.8	3380	3045	35.67	39	2449	11	
2	RB				8.7 x 4.2 x 3	3520	3230	36.54	36	2207	8.98	
3	RB				8.8 x 4.2 x 3	3660	3245	36.96	36	2182	12.79	
4												
5					- (TINE	RING .					
6					-)	KEAU N	207					
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16												

Dated:

Dated:

23/8/2024

15-07-24

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)

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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

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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.

7642 Engr. A. Rehman

To: Mr. Khadim Hussain

Civil Engineer, NISHAT Mill Bhikhi, 13 km Faisalabad Road, Bhikhi, Sheikhupura.

Project: Construction of Nishat Mills (Sizing and Warping Unit)- Mill Building Footing

Our Ref. No. CL/	CED/ 5676	Dated:	23/8/2024	Test Specification
Your Ref. No.	NM/C-TEST/001	Dated:	19/8/2024	(BS 1881-116)

COMPRESSION TEST REPORT



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

Specim	ens received on:	2	0/8/2	024	Tested on:	23/8	/2024	in dry/we	condition		0	0620240
Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Water Absorpti on (%)	Remarks
		סט		YYYY	(in)	(Kg/gms)	(Kg/ gms)	(Sq. in)	(Imp. I ons)	(psi)	. ,	
1	C20	2	2	2024	6x6x6		9	36	55	3422		Non Engraved
2	C20	2	2	2024	6x6x6		8.2	36	62	3858		Non Engraved
3	C20	2	2	2024	6x6x6		8.6	36	117	7280		Non Engraved
4												
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14												
15												
16												
14/24-2												

Witnessed by:

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 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.



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.

7642 Engr. A. Rehman

To: Mr. Khadim Hussain

Civil Engineer, NISHAT Mill Bhikhi, 13 km Faisalabad Road, Bhikhi, Sheikhupura

Project: Construction of Nishat Mills (Sizing and Warping Unit)- Mill Building Tie Beam

Our Ref. No. CL/C	ED/ 5677	Dated:	23/8/2024	Test Specification
Your Ref. No.	NM/C-TEST/002	Dated:	19/8/2024	(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimo	ens received on:	2	0/8/2	024	Tested on:	23/8	/2024	in dry/wet	t condition		Ū	i çerkeren
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	C20	30	4	2024	6x6x6		8.2	36	87	5413		Non Engraved
2	C20	30	4	2024	6x6x6		8.4	36	77	4791		Non Engraved
3	C20	30	4	2024	6x6x6		9	36	57	3547		Non Engraved
4												
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Witness	ad by											

Witnessed by:

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

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

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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.

7642 Engr. A. Rehman

To: Mr. Khadim Hussain

Civil Engineer, NISHAT Mill Bhikhi, 13 km Faisalabad Road, Bhikhi, Sheikhupura

Project: Construction of Nishat Mills (Sizing and Warping Unit)- Mill Building Slab

Our Ref. No. CL/C	ED/ 5678	Dated:	23/8/2024	Test Specification
Your Ref. No.	NM/C-TEST/002	Dated:	19/8/2024	(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimo	ens received on:	2	0/8/2	024	Tested on:	23/8	/2024	in dry/wet	t condition		Ū	i çermen
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	C20	12	4	2024	6x6x6		8.2	36	72	4480		Non Engraved
2	C20	12	4	2024	6x6x6		8.6	36	66	4107		Non Engraved
3	C20	12	4	2024	6x6x6		8.2	36	58	3609		Non Engraved
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Results can also be seen on website https://civil.uet.edu.pk/concrete-laboratory-reports1/

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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.

7642 Engr. A. Rehman

To: Mr. Khadim Hussain

Civil Engineer, NISHAT Mill Bhikhi, 13 km Faisalabad Road, Bhikhi, Sheikhupura

Project: Construction of Nishat Mills (Sizing and Warping Unit)- Indogi Tank Bed Foundation

Our Ref. No. CL/C	ED/ 5679	Dated:	23/8/2024	Test Specification
Your Ref. No.	NM/C-TEST/011	Dated:	19/8/2024	(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimo	ens received on:	2	0/8/2	024	Tested on:	23/8	/2024	in dry/wet	t condition		[I CERRER D
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	C20	17	4	2024	6x6x6		8.2	36	71	4418		Non Engraved
2	C20	17	4	2024	6x6x6		9	36	80	4978		Non Engraved
3	C20	17	4	2024	6x6x6		8.2	36	51	3173		Non Engraved
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Results can also be seen on website https://civil.uet.edu.pk/concrete-laboratory-reports1/

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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.

7633 Engr. A. Rehman

To: Mr. KHALIL AHMAD

Project Manager, S.A Gardens (Pvt) Ltd. KSK

Project: Structure- Premium Block Culvert; Part of Structure- RCC Left Side Foundation

Our Ref. No. CL/C	CED/ 5680	Dated:	23/8/2024	Test Specification
Your Ref. No.	SA/PM/Dev/1021	Dated:	Nil	(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimo	ens received on:	1	9/8/2	024	Tested on:	23/8	/2024	in dry/we	t condition			i centrad
Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load (Imp Tons)	Ultimate Stress	Water Absorpti on (%)	Remarks
4	RCC Left Side	14		2024	(III) 6x6x6	(rtg/ giiis)	(itg/ gill3)	(04: 11)	65	(031)		Non Engraved
-	Foundation RCC Left Side	14	0	2024	0,0,0		3	50	05	4044		Non Engraved
2	Foundation	14	8	2024	6x6x6		8.4	36	62	3858		Non Engraved
3	RCC Left Side Foundation	14	8	2024	6x6x6		9	36	74	4604		Non Engraved
4												
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Witnessed by:

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

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Civil Engineering Department

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

7633 Engr. A. Rehman

To: Mr. KHALIL AHMAD

Project Manager, S.A Gardens (Pvt) Ltd. KSK

Project: Structure- Premium Block Culvert; Part of Structure- RCC Wall Left Side

Our Ref. No. CL/C	ED/ 5681	Dated:	23/8/2024	Test Specification
Your Ref. No.	SA/PM/Dev/1022	Dated:	Nil	(BS 1881-116)

COMPRESSION TEST REPORT



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

Specim	ens received on:	19	9/8/2	024	Tested on:	23/8	/2024	in dry/wet	t condition		Ι	10.000 M
Sr. No.	Mark*	Cas	sting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Water Absorpti on (%)	Remarks
		עט			(in)	(rsg/ gms)	(rkg/ gms)	(Sq. iii)	(imp.ions)	(psi)	. ,	
1	RCC Wall Left Side	18	8	2024	6x6x6		8.6	36	74	4604		Non Engraved
2	RCC Wall Left Side	18	8	2024	6x6x6		9	36	66	4107		Non Engraved
3	RCC Wall Left Side	18	8	2024	6x6x6		8.8	36	78	4853		Non Engraved
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16												

Witnessed by:

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Civil Engineering Department

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

7644 Engr. A. Rehman

To: S & S Associates

Ayoub Chowk, Johar Town, Lahore.

Project: Construction of Heifer Shed 11 & 12 at Bin Riaz Farm, Pattoki

Our Ref. No. CL/CED/ 5682

Your Ref. No. BRD/HS24/CT/032

COMPRESSION TEST REPORT



Test Specification

(BS 1881-116)

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

Specimens received on:		2	0/8/2	024	Tested on:	23/8	/2024	in dry/we	t condition			jeskeg
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, Shed 12 Grid B- C/1 (1:1.5:3)	20	7	2024	6x6x6		8.8	36	87	5413		Non Engraved
2	Col, Shed 12 Grid B- C/1 (1:1.5:3)	20	7	2024	6x6x6		9	36	85	5289		Non Engraved
3												
4												
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Dated:

Dated:

23/8/2024

20/8/2024

Witnessed by:

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

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Civil Engineering Department

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

7644 Engr. A. Rehman

To: S & S Associates

Ayoub Chowk, Johar Town, Lahore.

Project: Construction of Heifer Shed 11 & 12 at Bin Riaz Farm, Pattoki

Your Ref. No. BRD/HS24/CT/031

COMPRESSION TEST REPORT



Test Specification

(BS 1881-116)

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

Specim	ens received on:	2	0/8/2	024	Tested on:	23/8	/2024	in dry/we	t condition		Ŀ	i center di
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	ColShed 11 Grid 2- 3/A,B-C/2(1:1.5:3)	18	7	2024	6x6x6		8.6	36	90	5600		Non Engraved
2	ColShed 11 Grid 2- 3/A,B-C/2(1:1.5:3)	18	7	2024	6x6x6		8.6	36	74	4604		Non Engraved
3												
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6						READ N	2071	<u> </u>				
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Dated:

Dated:

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23/8/2024

20/8/2024

Witnessed by:

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

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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.

7647 Engr. A. Rehman

To: Mr. Muhammad Jan

Senior Site Inspector, DESIGNMEN Consulting Engineers (Pvt) Ltd

Project: Construction of Allama Iqbal Open University, Regional Campus Sheikhupura.

Our Ref. No. CL	CED/ 5684	Dated:	23/8/2024	Test Specification
Your Ref. No.	P-348/2022/AIOU-SKP/LAB/22	Dated:	16/8/2024	(BS 1881-116)

COMPRESSION TEST REPORT



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

Specim	ens received on:	2	0/8/2	024	Tested on:	23/8	/2024	in dry/wet	t condition		Ι	o contradi
Sr. No.	Mark*	Cas	ting MM	Date*	Size (in)	Wet Weight (Ka/ ams)	Dry Weight (Ka/ ams)	Area of X-Section (Sg. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1		18	7	2024	6x6x6		8.6	36	93	5787		Non Engraved
2		18	7	2024	6x6x6		9	36	74	4604		Non Engraved
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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.



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.

7647 Engr. A. Rehman

To: Mr. Muhammad Jan

Senior Site Inspector, DESIGNMEN Consulting Engineers (Pvt) Ltd

Project: Construction of Allama Iqbal Open University, Regional Campus Sheikhupura.

Our Ref. No. CL/	'CED/ 5685	Dated:	23/8/2024	Test Specification
Your Ref. No.	P-348/2022/AIOU-SKP/LAB/23	Dated:	18-08-24	(BS 1881-116)

7

COMPRESSION TEST REPORT



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

Specimo	ens received on:	2	0/8/2	024	Tested on:	23/8	/2024	in dry/wet	t condition		0	i Centrado
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		12	8	2024	6x6x6		8.6	36	59	3671		Non Engraved
2		12	8	2024	6x6x6		8	36	50	3111		Non Engraved
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Witnessed by:

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

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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.

7628 Engr. A. Rehman

To: Mr. Zaheer Abbas

Senior Manager Construction, Beaconhouse School System, Educational Services (Pvt) Ltd.

Project: Construction of Cantt Campus at Sargodh	a
--	---

Our Ref. No. CL/CI	ED/ 5686	Dated:	23/8/2024	Test Specification
Your Ref. No.	Nil	Dated:	16/8/2024	(BS 1881-116)

-

COMPRESSION TEST REPORT



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

Specim	ens received on:	1	6/8/2	024	Tested on:	23/8	/2024	in dry/wei	t condition		Ū	i Crimento
Sr. No.	Mark*	Cas	ting	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	First Floor Slab (3500 Psi)	15	7	2024	6x6x6		8.6	36	78	4853		Engraved
2	First Floor Slab (3500 Psi)	15	7	2024	6x6x6		8.4	36	85	5289		Engraved
3	Column (4500 Psi)	12	7	2024	6x6x6		8.4	36	85	5289		Engraved
4	Column (4500 Psi)	12	7	2024	6x6x6		9	36	85	5289		Engraved
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Witnessed by:

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

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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.

7637 Engr. A. Rehman

To: Mr. Nasir Mahmood

Construction Manager, ELITE Engineering (Pvt) Ltd

Project: Construction of PSO Fuel Dispensing Facility at PAK RAILWAYS WORKSHOP

Our Ref. No. CL	'CED/ 5687	Dated:	23/8/2024	Test Specification
Your Ref. No.	EEPL/10402/EL-09	Dated:	19/8/2024	(BS 1881-116)

COMPRESSION TEST REPORT



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

Specim	ens received on:	19	9/8/2	024	Tested on:	23/8	/2024	in dry/we	t condition		Ι] Central
Sr. No.	Mark*	Cas	ting MM	Date*	Size (in)	Wet Weight (Ka/ ams)	Dry Weight (Ka/ ams)	Area of X-Section (Sg. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	3000 Psi	12	8	2024	6x6x6		9	36	107	6658		Non Engraved
2	3000 Psi	12	8	2024	6x6x6		9	36	105	6533		Non Engraved
3	3000 Psi	12	8	2024	6x6x6		9.4	36	95	5911		Non Engraved
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Witnessed by:

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Supervisor (Lab)



To:

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.

7605 Engr. A. Rehman

Mr. Sarfraz Rasheed Executive Director Projects, ITTEFAQ Building Solutions Pvt. I	_td		
Project: Construction of Ware House Office Building, Staff Res M/S Allied Engineering & Services Pvt Ltd at Okara	sidence, Rest Hous	e and other Buildings	for
Our Ref. No. CL/CED/ 5688	Dated:	23/8/2024	Test Specification
Your Ref. No. Nil	Dated:	12-08-24	(BS 3921**)

COMPRESSION TEST REPORT



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

Specim	ens received on:	1	3/8/2	024	Tested on:	23/8	/2024	in dry/we	t condition		Ē	12238895
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	A				8.7 x 4.2 x 2.8	2950	2495	36.54	24	1471	18.24	
2	А				8.6 x 4.2 x 2.8	3035	2475	36.12	24	1488	22.63	
3	А				8.7 x 4.1 x 2.8	3120	2650	35.67	26	1633	17.74	
4	Α				8.8 x 4.2 x 2.8	3070	2605	36.96	26	1576	17.85	
5	Α				8.7 x 4.2 x 2.7	3020	2680	36.54	18	1103	12.69	
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Witnessed by:

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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.

7561 Engr. A. Rehman

To: Mr. M. AZHAR AKHTAR

Resident Engineer, NESPAK Pvt. Ltd. & TurkPak International (Pvt) Limited

Project: Construction of NEW GOR NEAR DHA PHASE - IX, LAHORE

Our Ref. No. CL/CED	/ 5689	Dated:	23/8/2024	Test Specification
Your Ref. No. 4	769/13/MAA/24/48	Dated:	23/7/2024	(BS 3921**)

COMPRESSION TEST REPORT



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

Specim	ens received on:	0	6-08	-24	Tested on:	23/8	/2024	in dry/wet	condition			0620240
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)	011 (76)	
1	Z.S				8.8 x 4.3 x 3	3825	3415	37.84	33	1953	12.01	
2	Z.S				8.9 x 4.3 x 3	3745	3325	38.27	43	2517	12.63	
3	Z.S				8.9 x 4.3 x 3	3720	3270	38.27	42	2458	13.76	
4	Z.S				8.8 x 4.3 x 2.9	3580	3220	37.84	47	2782	11.18	
5	Z.S				9 x 4.3 x 3.1	3875	3335	38.7	42	2431	16.19	
6	Z.S				8.8 x 4.2 x 2.8	3465	3155	36.96	44	2667	9.83	
7	Z.S				8.8 x 4.3 x 3	3730	3345	37.84	48	2841	11.51	
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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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Note: Above results pertain to the unsealed samples supplied to the laboratory

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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.

7611 Engr. A. Rehman

To: Mr. SAQUIB AKRAM

Resident Engineer, Highways and Transportation Engineering Division, NESPAK (Pvt) Ltd

Project: Construction of Road KARYAL DHONDAY WATNA LAHORE

Our Ref. No. CL/	CED/ 5690	Dated:	23/8/2024	Test Specification
Your Ref. No.	3772/103/LDA-KARYAL/SA/04/02	Dated:	12-08-24	(BS 3921**)

COMPRESSION TEST REPORT



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

Specim	ens received on:	1	3/8/2	024	Tested on:	23/8	/2024	in dry/we	t 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	AR				8.8 x 4.3 x 2.9	3760	3415	37.84	46	2723	10.1	
2	AR				8.9 x 4.3 x 3.1	3895	3500	38.27	40	2341	11.29	
3	AR				8.9 x 4.3 x 3	3785	3475	38.27	40	2341	8.92	
4	AR				8.9 x 4.3 x 3	3720	3415	38.27	46	2692	8.93	
5	AR				8.8 x 4.3 x 3	3745	3400	37.84	41	2427	10.15	
6	s				8.8 x 4.3 x 3	3700	3310	37.84	41	2427	11.78	
7	s				8.8 x 4.3 x 3	3770 WHO	3325	37.84	40	2368	13.38	
8	s				8.9 x 4. <mark>3 x 3.1</mark>	3705	3290	38.27	43	2517	12.61	
9	s				8.9 x 4.3 x 3.1	3740	3315	38.27	42	2458	12.82	
10	s				8.8 x 4.3 x 3	3770	3320	37.84	47	2782	13.55	
11												
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Witnessed by:

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

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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.

7635 Engr. A. Rehman

To: Mr. RASHID KAMRAN

Resident Engineer, Construction and Management Division, NESPAK (Pvt) Ltd

Project: Improvement of Infrastructure in Mohlanwal Housing Scheme Lahore (Package-2)

Our Ref. No. CL/	CED/ 5691	Dated:	23/8/2024	Test Specification
Your Ref. No.	2599/13/RK/05/MWL/P-2/210	Dated:	23/7/2024	()

7

COMPRESSION TEST REPORT



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

Specim	ens received on:	1	9/8/2	024	Tested on:	23/8	/2024	in dry/we	t condition			1660240
Sr. No.	Mark*	Cas	ting MM	Date*	Size	Wet Weight (Ka/ ams)	Dry Weight (Ka/ ams)	Area of X-Section	Ultimate load (Imp Tons)	Ultimate Stress (nsi)	Water Absorpti on (%)	Remarks
	480	00		 	(11)	(itg/ gills)	2005	27.94	(1110:10113)	(031)	40.25	
1	ABC				8.8 X 4.3 X 3	3625	3285	37.84	44	2605	10.35	
2	ABC				8.8 x 4.3 x 3.1	3775	3385	37.84	44	2605	11.52	
3	ABC				8.7 x 4.2 x 3	3620	3260	36.54	44	2697	11.04	
4												
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Witnessed by:

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To:

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.

7643 Engr. A. Rehman

DISTRICT OFFICER (I&S) District Council Sheikhupura Project: Construction of Soling at BHU MOZA LUBAN WALA & RAVI SAIFAN GAGU DOGAR BHIKHI DHANA QP Tehsil Ferozewala District Sheikhupura. Our Ref. No. CL/CED/ 5692-1 of 2 Dated: 23/8/2024 **Test Specification** Your Ref. No. DO (I&S)-DC-SKP/2047 Dated: 01-06-23 (----)

COMPRESSION TEST REPORT



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

Specimens received on:		20/8/2024		024	Tested on:	on: 23/8/2024		in dry/wet condition				je ne g
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	Talwar				8.6 x 4.2 x 3		3245	36.12	42	2605		
2	Talwar				8.7 x 4.2 x 3		3385	36.54	48	2943		
3												
4							-					
5						NHNE	RING					
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Witnessed by:

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Supervisor (Lab)



To:

Plain and Reinforced Concrete Laboratory

Civil Engineering Department

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

7643 Engr. A. Rehman

DISTRICT OFFICER (I&S) District Council Sheikhupura Project: Construction of Soling at BHU MOZA LUBAN WALA & RAVI SAIFAN GAGU DOGAR BHIKHI DHANA QP Tehsil Ferozewala District Sheikhupura. Our Ref. No. CL/CED/ 5692-2 of 2 Dated: 23/8/2024 Your Ref. No. DO (I&S)-DC-SKP/2047 Dated: 01-06-23

COMPRESSION TEST REPORT



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

Specimens received on:		20/8/2024		024	Tested on:	23/8/2024		in dry/wet condition				
Sr. No.	Mark*	Casting Date*		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		10	4	2023	6 x 6 x 6		9	36	57	3547		Non Engraved
2		10	4	2023	6 x 6 x 6		9	36	55	3422		Non Engraved
3												
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Witnessed by:

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Supervisor (Lab)



Civil Engineering Department

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

7645 Engr. A. Rehman

To: Mr. Khurram Naeem

JABAL CRETE, Bahria Orchard, Raiwind Road, Lahore.

Project: Nil			
Our Ref. No. CL/CED/ 5693	Dated:	23/8/2024	Test Specification
Your Ref. No. Nil	Dated:	20/8/2024	()

COMPRESSION TEST REPORT



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

Specimens received on:		20/8/2024		024	Tested on: 23/8/		3/2024 in dry/wet		t condition			
Sr. No.	r. 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 (78)	
1	Rectangular, Grey, 60mm				7.8 x 3.8 x 2.4		2830	29.64	95	7179		
2	Rectangular, Grey, 60mm				7.8 x 3.8 x 2.4		2940	29.64	85	6424		
3	Rectangular, Grey, 60mm				7.8 x 3.8 x 2.4		2845	29.64	93	7028		
4	Rectangular, Grey, 60mm				7.8 x 3.8 x 2.4		2870	29.64	88	6650		
5	Rectangular, Grey, 80mm				7.8 x 3.8 x 3.1	NUT	3690	29.64	105	7935		
6	Rectangular, Grey, 80mm				7.8 x 3.8 x 3.1	READ IN	3700	29.64	100	7557		
7	Rectangular, Grey, 80mm				7.8 x 3.8 x 3.1	OF THY CORD WHO CREATES	3615	29.64	85	6424		
8	Rectangular, Grey, 80mm				7.8 x 3.8 x 3.1		3710	29.64	81	6121		
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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 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.