

University of Engineering and Technology, Lahore. Pakistan Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895 ORIGINAL
A carbon copy for

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8437 Dr. M. Yousaf

To: Mr. Tariq Fateh

Project Manager, Jilani Poly-2 Construction. (JILANI POLY INDUSTRIES PVT LTD)

Project: Construction of Jilani Poly-2 5 Acre Extension Sheikhupura.

Our Ref. No. CL/CED/ 6748 Dated: 16-12-24 Test Specification

Your Ref. No. JP-2/UET/2024/C-004 Dated: 16-12-24

COMPRESSION TEST REPORT

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

Specimens received on: 16-12-24 Tested on: 16-12-24 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	Uni-Block, Grey, 60mm, #15				2.4 thick		3420	36.39	133	8187	1	
2	Uni-Block, Grey, 60mm, #16				2.4 thick		3445	36.39	93	5725		
3	Uni-Block, Grey, 60mm, #17				2.4 thick		3325	36.39	154	9480		
4	Uni-Block, Grey, 60mm, #18				2.4 thick		3350	36.39	139	8556		
5	Uni-Block, Grey, 60mm, #19				2.4 thick	HITTE	3380	36.39	102	6279		
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Witnessed by: Mr. M.A. Javed, CNIC # 33201-7076007-9

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 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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> 8415 Dr. M. Yousaf

To: Mr. Salman Shahid

General Manager / Project Manager, NESPAK (Pvt) Ltd.

Project: Construction of Platform along with Allied Services for TPS-77, MRR Radar at Kinara Top at PAF

Base Mushaf. (Contractor: M/s Riaz-ud-din Engineering Pvt. Ltd.)

Our Ref. No. CL/CED/ 6749 Dated: 16-12-24

Your Ref. No. 4800/321/SS/01/1614 Dated: 10-12-24 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 12-12-24 Tested on: 16-12-24 in dry/wet condition



Test Specification



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	F-3 @ Grid A-1	2	12	2024	6Diax12		13.8	28.28	52	4119		Non Engraved
2	F-3 @ Grid F-1	2	12	2024	6Diax12		13.6	28.28	32	2535		Non Engraved
3	F-4 @ Grid B-2	2	12	2024	6Diax12		14	28.28	95	7525		Non Engraved
4	F-2 @ Grid E-2	2	12	2024	6Diax12	/	14.4	28.28	86	6812		Non Engraved
5	F-3 @ Grid B'-3	2	12	2024	6Diax12	THE	14.6	28.28	72	5703		Non Engraved
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Witness	sed by: Nil											

witnessed 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 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)
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8415 Dr. M. Yousaf

To: Mr. Salman Shahid

General Manager / Project Manager, NESPAK (Pvt) Ltd.

Project: Construction of Platform along with Allied Services for TPS-77, MRR Radar at Kinara Top at PAF

Base Mushaf. (Contractor: M/s Riaz-ud-din Engineering Pvt. Ltd.)

Our Ref. No. CL/CED/ 6750 Dated: 16-12-24 <u>Test Specification</u>

Your Ref. No. 4800/321/SS/01/1615 Dated: 10-12-24 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 12-12-24 Tested on: 16-12-24 in dry/wet condition





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 (%)	
	14	11	2024	6Diax12		14.4	28.28	51	4040		Non Engraved
	14	11	2024	6Diax12		15	28.28	62	4911		Non Engraved
	14	11	2024	6Diax12		14	28.28	48	3802		Non Engraved
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Witnessed by: Nil

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

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- 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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8416 Dr. M. Yousaf

To: Engr. Muhammad Farooq Memon

Resident Engineer, Metroplan-Asian JV, Site Office NSIC-Sargodha

Project: Establishment of Nawaz Sharif Institute of Cardiology, Sargodha.

Our Ref. No. CL/CED/ 6751 Dated: 16-12-24 Test Specification

Your Ref. No. Metrop-Asian-JV/IDAP-NSIC-LAB/A-SGD-RE/123 Dated: 10-12-24

COMPRESSION TEST REPORT

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

Specimens received on: 12-12-24 Tested on: 16-12-24 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	Rectangular, Grey, 60mm				7.8 x 3.8 x 2.4		2760	29.64	128	9673		
2	Rectangular, Grey, 60mm				7.8 x 3.8 x 2.4		2735	29.64	99	7482		
3	Rectangular, Grey, 60mm				7.8 x 3.8 x 2.4		2780	29.64	117	8842		
4	Rectangular, Grey, 60mm				7.8 x 3.8 x 2.4		2760	29.64	92	6953		
5	Rectangular, Grey, 60mm				7.8 x 3.8 x 2.4	WHITE	2650	29.64	119	8993		
6	Rectangular, Grey, 80mm				7.8 x 3.8 x 3.1	KEAU N	3520	29.64	78	5895		
7	Rectangular, Grey, 80mm				7.8 x 3.8 x 3.1	OF THY	3495	29.64	60	4534		
8	Rectangular, Grey, 80mm				7.8 x 3.8 x 3.1		3560	29.64	68	5139		
9	Rectangular, Grey, 80mm				7.8 x 3.8 x 3.1	7,	3470	29.64	63	4761		
10	Rectangular, Grey, 80mm				7.8 x 3.8 x 3.1	-LA	3550	29.64	68	5139		
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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 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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8423 Dr. M. Yousaf

To: JABAL CRETE

Raiwind, Lahore.

Project: Nil

Our Ref. No. CL/CED/ 6752 Dated: 16-12-24 <u>Test Specification</u>

Your Ref. No. Nil Dated: 13-12-24

COMPRESSION TEST REPORT

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

Specimens received on: 13-12-24 Tested on: 16-12-24 in dry/wet condition





Sr. No.	Sr. No. Mark*		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	Rectangular, Grey, 60mm				7.8 x 3.8 x 2.4		2800	29.64	97	7331		
2	Rectangular, Grey, 60mm				7.8 x 3.8 x 2.4		2885	29.64	87	6575		
3	Rectangular, Grey, 60mm				7.8 x 3.8 x 2.4		2850	29.64	89	6726		
4	Rectangular, Grey, 60mm				7.8 x 3.8 x 2.4		2855	29.64	111	8389		
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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. **** ACl318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as compressive 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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8425 Dr. M. Yousaf

To: Al-Mustafa Contractor (Pvt) Ltd.

Sabzazar Scheme, Multan Road, Lahore.

Project: Nil

Our Ref. No. CL/CED/ 6753 Dated: 16-12-24 <u>Test Specification</u>

Your Ref. No. AMC/UET/1024 Dated: 13-12-24

COMPRESSION TEST REPORT

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

Specimens received on: 13-12-24 Tested on: 16-12-24 in dry/wet condition





Sr. No.	Mark*	Casting Date*		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	Rectangular, Grey, 60mm		-		7.8 x 3.9 x 2.3		2480	30.42	30	2209		
2	Rectangular, Grey, 60mm	-	-		7.8 x 3.9 x 2.3		2675	30.42	42	3093		
3	Rectangular, Grey, 60mm	1	1	-	7.8 x 3.9 x 2.3		2580	30.42	36	2651	1	
4	Rectangular, Grey, 60mm				7.8 x 3.9 x 2.3		2695	30.42	42	3093		
5	Rectangular, Grey, 60mm				7.8 x 3.9 x 2.3	HITTE	2635	30.42	39	2872		
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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. **** ACl318-08 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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8383 Dr. M. Yousaf

To: Mr. IMTINAN SHAUKAT

Civil Generalist, Department of Engineering Ittehad Chemicals Limited.

Project: Nil

Our Ref. No. CL/CED/ 6754 Dated: 16-12-24 **Test Specification**

Your Ref. No. Dated: 10-12-24

COMPRESSION TEST REPORT

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

Specimens received on: 10-12-24 Tested on: 16-12-24 in dry/wet condition





Sr. No.	r. No. Mark*		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	Uni Block, Grey, 80mm, A				3.0 thick		4385	37.39	72	4313		
2	Uni Block, Grey, 80mm, B				3.1 thick		4580	37.39	66	3954		
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Witness	ed 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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> 8395 Dr. M.Yousaf

To: Mr. Tanveer Humayun

A.Architect, Fortress Square Mall Management

Project: Extension of Top Roof at Fortress Square Mall, Lahore.

Our Ref. No. CL/CED/ 6755 Dated: 16-12-24 <u>Test Specification</u>

Your Ref. No. Fs/Rcc/12/10 Dated: 11-12-24

COMPRESSION TEST REPORT

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

Specimens received on: 11-12-24 Tested on: 16-12-24 in dry/wet condition



(BS 1881-116)



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	Column 770-780 at Grid X/11, 4Ksi	28	11	2024	6x6x6		8	36	77	4791		Engraved
2	Column 770-780 at Grid X/11, 4Ksi	28	11	2024	6x6x6		8.2	36	70	4356		Engraved
3	Column 770-780 at Grid X/11, 4Ksi	28	11	2024	6x6x6		8.4	36	75	4667		Engraved
4	Beams 786 Level Grid A-D/3-5, 3Ksi	1	12	2024	6x6x6	/	8.6	36	62	3858		Engraved
5	Beams 786 Level Grid A-D/3-5, 3Ksi	1	12	2024	6x6x6	THE	RI/8	36	56	3484		Engraved
6	Beams 786 Level Grid A-D/3-5, 3Ksi	1	12	2024	6x6x6	KEAD IN	8 P	36	56	3484		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

- 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.