

Plain and Reinforced Concrete Laboratory

Civil Engineering Department

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

9577 Engr. A. Rehman

To: Mr. Anwar ul Haq Project Manager, IKAN Engineering Services Pvt Ltd

Project: ZONG MSC FSD			
Our Ref. No. CL/CED/ 8552	Dated:	13/6/2025	Test Specification
Your Ref. No. IKAN-FSD-SITE-UET/014	Dated:	04/06/2025	(ASTM C39)

COMPRESSION TEST REPORT

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

Specim	ens received on:	04	/06/2	2025	Tested on:	13/6	/2025	in dry/wet	t condition			
Sr. No.	Mark*		-	Date*	Size	Wet Weight		Area of X-Section		Ultimate Stress	Water Absorpti on (%)	Remarks
	TRF / Column (4000		MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)		(Imp.Tons)	(psi)	- (,	
1	Psi)	2	5	2025	6Diax12		13	28.28	63	4990		Engraved
2	TRF / Column (4000 Psi)	2	5	2025	6Diax12		13	28.28	59	4673		Engraved
3	TRF / Column (4000 Psi)	2	5	2025	6Diax12		13	28.28	58	4594		Engraved
4												
5						GINE	RING					
6						READ IN	ROT					
7						THE NAME OF THY LORD WHO						
8					SW /							
9							-	V				
10						LA	IORE					
11												
12												
13												
14												
15												
16												
Witnessed by: Mr. Naeem Yaseen, CNIC 35202-2670505-7												

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

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.

Contraction of the second s	Plain and Reinforced Con Civil Engineering Depar University of Engineering and Technology, Landline: 042-99029245 & 042-99029202	rtment	5	ORIGINAL A carbon copy for the report has been retained in the lab for record.
То:	Sub Divisional Officer Public Health Engg: Sub Division Nankana Sahib			9591 Engr. A. Rehman
	Project: Construction of Water Supply/ Filtration Plant, Sewe UC GANESHPUR (PP-134) Tehsil & District Nankana Sahib (V Our Ref. No. CL/CED/ 8553	• •	stem in UC BUCHOKI 13/6/2025	PAR & <u>Test Specification</u>
	Your Ref. No. SDO(PHED)/460	Dated:	26/2/2025	(BS 1881-116)

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

Specimens received on: 12/06/2025 Tested						13/6	/2025	in dry/wet	condition		E	
Sr. No.	Mark*	Cas DD	-	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	Conc. Cube (1:2:4)	28	1	2025	6x6x6		9	36	84.5	5258		Engraved
2	Conc. Cube (1:2:4)	28	1	2025	6x6x6		8.8	36	80	4978		Engraved
3	Conc. Cube (1:2:4)	28	1	2025	6x6x6		8.6	36	60	3733		Engraved
4												
5						EINE	RINE					
6					-)		TOT					
7						THE NAME OF THY LORD WHO GREATES	میں بینے بینے ان جانب					
8					- 28							
9						-		.				
10					<	/ A	ORE					
11												
12												
13												
14												
15												
16												
Witnessed by:												

Witnessed by:

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



28/2/2025

(BS 1881-116)

COMPRESSION TEST REPORT

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

SDO(PHED)/484

Specimens received on: 12/06/2025 Tested on: 13/6/2025 in									t condition		P. D	
Sr. No.	Mark*		•	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	Conc. Cube (1:2:4)	31	1	2025	6x6x6		8.6	36	78	4853		Engraved
2	Conc. Cube (1:2:4)	31	1	2025	6x6x6		8.8	36	81	5040		Engraved
3	Conc. Cube (1:2:4)	31	1	2025	6x6x6		8.8	36	59	3671		Engraved
4												
5						GINE	RIATE					
6					-)	READ IN	2.07					
7						THE NAME	المدينية. المتاركية					
8					- 88			HNN				
9						_	-					
10					<	/ A	ORE					
11												
12												
13												
14												
15												
16												
Witnessed by:												

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

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Your Ref. No.

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

	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.
T		9591 Engr. A. Rehman
То:	Sub Divisional Officer Public Health Engg: Sub Division Nankana Sahib Froject: Construction of Water Supply/ Fination Franc, Sewerage/ Samation System & City Sangia Fina & Different Union Councils of Tehsil Sangla Hill District Nankana Sahib (NA-111) (Work-02)- M/S RAY Construction Services Covt, Contractor Our Ref. No. CL/CED/ 8555 Dated: 13/6/2025	Test Specification
	Your Ref. No. SDO(PHED)/423 Dated: 26/2/2025	(BS 1881-116)

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

Specim	ens received on:	12	2/06/2	2025	Tested on:	13/6	/2025	in dry/wet	t condition			
Sr. No.	Mark*	Cas DD		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	Conc. Cube (1:2:4)	27	1	2025	6x6x6		8.8	36	77	4791		Engraved
2	Conc. Cube (1:2:4)	27	1	2025	6x6x6		8.6	36	64	3982		Engraved
3	Conc. Cube (1:2:4)	27	1	2025	6x6x6		9	36	92.5	5756		Engraved
4												
5						GINE	RIATE					
6)		210Th					
7						THE NAME	المدرعي	2-				
8												
9						-	-	7				
10							IORE					
11												
12												
13												
14												
15												
16												
Witnessed by:												

Vitnessed by:

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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.
		9591 Engr. A. Rehman
To:	Sub Divisional Officer Public Health Engg: Sub Division Nankana Sahib	
	Project: Construction of Water Supply/ Filtration Plant, Sewerage & Sanitation System in UC MEERAN (PP-134) Tehsil & District Nankana Sahib (Work-45)- M/S Ch. Imtiaz Hussain Basra Govt. Contractor Our Ref. No. CL/CED/ 8556 Dated: 13/6/2025	PUR Test Specification

27/2/2025

(BS 1881-116)

Your Ref. No. SDO(PHED)/458

COMPRESSION TEST REPORT

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

Specim	12	2/06/2	2025	Tested on:	13/6	/2025	in dry/wet	t condition					
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	Conc. Cube (1:2:4)	30	1	2025	6x6x6		9	36	79	4916		Engraved	
2	Conc. Cube (1:2:4)	30	1	2025	6x6x6		8.8	36	81	5040		Engraved	
3	Conc. Cube (1:2:4)	30	1	2025	6x6x6		8.4	36	60	3733		Engraved	
4													
5						GINE	RINE						
6					-).	E READ IN	RET						
7						DE NAME OF THY LORD WHO		-					
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15													
16													
Witnessed by:													

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

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

TO LITERAL		Civil University of E	Engineering De	ogy, Lahore. Pakistan	2	ORIGINAL A carbon copy for the report has been retained in the lab for record.
То:	Sub Divisio	onal Officer	245 & 042-99029202 sion Nankana Sahib	Mobile: 0307-049689	5	9591 Engr. A. Rehman
	Project: Co COLONY (I	onstruction of Wate	r Supply/ Filtration Plant,	Sewerage & Sanitation Sys k-50)- M/S Sahara Builder Dated:		Test Specification
	Your Ref. N	lo. SDO(PHEI	D)/463	Dated:	24/2/2025	(BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 12/06/2025 Tested on: 13/6/2025 in dry/wet condition						1						
Sr. No.	Mark*	Cas DD	-	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	Conc. Cube (1:2:4)	25	1	2025	6x6x6		8.8	36	79	4916		Engraved
2	Conc. Cube (1:2:4)	25	1	2025	6x6x6		8.6	36	67	4169		Engraved
3	Conc. Cube (1:2:4)	25	1	2025	6x6x6		8.6	36	72	4480		Engraved
4												
5						GINE	RIATE					
6)		210Th					
7						THE NAME OF THY LORD WHO	1. Sec. 1					
8					/ /			I) Ma				
9						-						
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12												
13												
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Witnessed by:												

Vitnessed by:

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Public Health Engg: Sub Division Nar	kana Sahib		
Project: Construction of water Suppr	// FIIItation Flant, Sewerage & Sanitation S	SUULIN UC FALER I	патпа
& UC SHIRIN JHANGAR (PP-134) Teh	sil & District Nankana Sahib (Work-42)- M/S	Shehroz Hunjra & Co	o. Govt.
Contractor		-	
Our Ref. No. CL/CED/ 8558	Dated:	13/6/2025	Test Specification
Your Ref. No. SDO(PHED)/445	Dated:	22/2/2025	(BS 1881-116)



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

Specim	pecimens received on: 12/06/2025 Tested on: 13/6/2025 in dry/wet condition					r. [
Sr. No.	Mark*	Cas DD	-	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	Conc. Cube (1:2:4)	24	1	2025	6x6x6		8.8	36	73	4542		Engraved
2	Conc. Cube (1:2:4)	24	1	2025	6x6x6		8.4	36	60	3733		Engraved
3	Conc. Cube (1:2:4)	24	1	2025	6x6x6		8.6	36	74	4604		Engraved
4												
5						GINE	RINE					
6					-)		TRACE					
7						THE NAME OF THY LORD WHO	المربعية. المراجعة	3-				
8					88							
9							1					
10					<		IRF.					
11												
12												
13												
14												
15												
16												
Witness	ed by:											

Vitnessed by:

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COMPRESSION TEST REPORT

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Specim	ens received on:	12	2/06/2	2025	Tested on:	13/6	/2025	in dry/wet	condition		5	
Sr. No.	Mark*	Cas DD	-	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	Conc. Cube (1:2:4)	31	1	2025	6x6x6		8.6	36	52.5	3267		Engraved
2	Conc. Cube (1:2:4)	31	1	2025	6x6x6		8.2	36	48	2987		Engraved
3	Conc. Cube (1:2:4)	31	1	2025	6x6x6		8.4	36	73	4542		Engraved
4												
5						GINE	RIATE					
6					-)	READ IN	2 DECT					
7						LORD WHO	1. Starter					
8												
9						2-	- 3	7				
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11												
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Vitnessed by:

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Services Covt. Co Our Ref. No. CL/C		Dated:	13/6/2025	Test Specification
Your Ref. No.	SDO(PHED)/431	Dated:	27/2/2025	(BS 1881-116)



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

Specimens received on:		12/06/2025		025	Tested on:	13/6/2025		in dry/wet condition				
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	Conc. Cube (1:2:4)	28	1	2025	6x6x6		9	36	59	3671		Engraved
2	Conc. Cube (1:2:4)	28	1	2025	6x6x6		8.6	36	76	4729		Engraved
3	Conc. Cube (1:2:4)	28	1	2025	6x6x6		8.4	36	87	5413		Engraved
4												
5						GINE	RIATE					
6)		210Th					
7						THE NAME	المدرعي	-				
8												
9						-	-	·				
10							IORE					
11												
12												
13												
14												
15												
16												
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Sr. No.	Mark*	Cas DD	-	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	Conc. Cube (1:2:4)	25	1	2025	6x6x6		8.6	36	67	4169		Engraved
2	Conc. Cube (1:2:4)	25	1	2025	6x6x6		9	36	72	4480		Engraved
3	Conc. Cube (1:2:4)	25	1	2025	6x6x6		8.6	36	66	4107		Engraved
4												
5						GINE	RIATE					
6)	READIN	ROT					
7						LORD WHO	المسار على الم	2				
8					/ 8.8							
9						-	-					
10					<	-LA	ORt					
11												
12												
13												
14												
15												
16												
Witness	ed by:											

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Director/Dy. Director Concrete Laboratory



(BS 1881-116)

24/2/2025 Dated:

	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.
То:	Sub Divisional Officer Public Health Engg: Sub Division Nankana Sahib	9591 Engr. A. Rehman
	Project: Construction of Water Supply/ Filtration Plant, Sewerage & Sanitation System in Muhallah KiaraSahib (PP-134) Tehsil & District Nankana Sahib (Work-52)- M/S Sahara Builders Govt. ContractorOur Ref. No. CL/CED/8562Dated:13/6/2025	Test Specification
	Your Ref. No. SDO(PHED)/465 Dated: 26/2/2025	(BS 1881-116)

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

Specim	ens received on:	2/06/2	2025	Tested on:	13/6	/2025	in dry/wet	t condition		E E		
Sr. No.	Mark*	Cas DD	-	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	Conc. Cube (1:2:4)	28	1	2025	6x6x6		9	36	78	4853		Engraved
2	Conc. Cube (1:2:4)	28	1	2025	6x6x6		9	36	91	5662		Engraved
3	Conc. Cube (1:2:4)	28	1	2025	6x6x6		9	36	84	5227		Engraved
4												
5						ACTIVE	RINE					
6)	TREAD IN	207					
7						THE NAME	192	199				
8												
9												
10					<		R					
11						-	-					
12												
13												
14												
15												
16												
Witness	ed by:											

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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

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.



Imtiaz Hussain Basra Govt Contractor Our Ref. No. CL/CED/ 8563 Dated: 13/6/2025 **Test Specification** Your Ref. No. SDO(PHED)/490 Dated: 22/2/2025 (BS 1881-116)

COMPRESSION TEST REPORT



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

Specim	ens received on:	12	2/06/2	2025	Tested on:	13/6	/2025	in dry/wet	t condition			
Sr. No.	Mark*	Cas DD	•	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	Conc. Cube (1:2:4)	24	1	2025	6x6x6		8.8	36	92.5	5756		Engraved
2	Conc. Cube (1:2:4)	24	1	2025	6x6x6		8.8	36	96	5973		Engraved
3	Conc. Cube (1:2:4)	24	1	2025	6x6x6		9	36	65	4044		Engraved
4							-					
5						EINE	RINA					
6						READ IN						
7						THE NAME OF THY LORD WHO	المرغب الم	-				
8					88			5-				
9					-	-	-					
10					<	LA	IORE					
11												
12												
13												
14												
15												
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 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.



Our Ref. No. C	L/CED/ 8564	Dated:	13/6/2025	Test Specification
Your Ref. No.	SDO(PHED)/473	Dated:	25/2/2025	(BS 1881-116)



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

Specimens received on: 12/06/2025 Tested on: 13/6/2025 in dry/wet condition								[
Sr. No.	Mark*	Cas DD	-	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	Conc. Cube (1:2:4)	27	1	2025	6x6x6		8.8	36	63	3920		Engraved
2	Conc. Cube (1:2:4)	27	1	2025	6x6x6		8.8	36	64	3982		Engraved
3	Conc. Cube (1:2:4)	27	1	2025	6x6x6		8.8	36	67	4169		Engraved
4												
5						EINE	RIATE					
6)	READ IN	210Th					
7						THE NAME	1. Sec. 1					
8					/ R.S.							
9							-					
10							IORE					
11												
12												
13												
14												
15												
16												
Witness	ed by:											

Dy.

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.



25/2/2025

(BS 1881-116)

Your Ref. No. SDO(PHED)/467

COMPRESSION TEST REPORT

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

Specimo	ens received on:	12	2/06/2	2025	Tested on:	13/6	/2025	in dry/wet	condition		1. [
Sr. No.	Mark*	Cas DD	-	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	Conc. Cube (1:2:4)	27	1	2025	6x6x6		8.2	36	67	4169		Engraved
2	Conc. Cube (1:2:4)	27	1	2025	6x6x6		8.8	36	78	4853		Engraved
3	Conc. Cube (1:2:4)	27	1	2025	6x6x6		8.8	36	73	4542		Engraved
4												
5					-	GINE	RIATE					
6							ROT	. <				
7						THE NAME OF THY LORD WHO	مرغی منابع	-				
8					/ 8.8							
9					-							
10							IORE					
11												
12												
13												
14												
15												
16												
Witness	ed by:	•	-			•	•	•		•		

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.



Services Covt C Our Ref. No. CL/		Dated:	13/6/2025	Test Specification
Your Ref. No.	SDO(PHED)/434	Dated:	24/2/2025	(BS 1881-116)



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

Specim	12	2/06/2	2025	Tested on:	13/6/2025 in		in dry/wet condition			г. [
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	Conc. Cube (1:2:4)	25	1	2025	6x6x6		8.8	36	88	5476		Engraved
2	Conc. Cube (1:2:4)	25	1	2025	6x6x6		9	36	65	4044		Engraved
3	Conc. Cube (1:2:4)	25	1	2025	6x6x6		9	36	59	3671		Engraved
4												
5						GINE	RIATE					
6)		210Th					
7						THE NAME	المدرعي	-				
8												
9						-	-	·				
10					<		IOR -					
11												
12												
13												
14												
15												
16												
Witnessed by:												

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 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.



& Ajoining Abadies District Nankana Sahib (PP-135) (Work-80)	•		
Contractor Our Ref. No. CL/CED/ 8567	Dated:	13/6/2025	Test Specification

24/2/2025

Your Ref. No. SDO(PHED)/493

COMPRESSION TEST REPORT



(BS 1881-116)

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

Specim	12/06/2025 Tested on:		13/6/2025		in dry/wet condition							
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	Conc. Cube (1:2:4)	25	1	2025	6x6x6		9	36	70	4356		Engraved
2	Conc. Cube (1:2:4)	25	1	2025	6x6x6		9	36	71	4418		Engraved
3	Conc. Cube (1:2:4)	25	1	2025	6x6x6		8.8	36	67	4169		Engraved
4												
5						GINE	RIATE					
6					-)		2.07					
7						THE NAME OF THY LORD WHO	ا <u>سترغیا</u> اردی فکر ا	-				
8												
9						-	- 3					
10							IOR -					
11												
12												
13												
14												
15												
16												
Witness	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.



28/02/2025

(BS 1881-116)

COMPRESSION TEST REPORT

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

SDO(PHED)/491

Specim	ens received on:	12	2/06/2	2025	Tested on:	13/6	/2025	in dry/wet	condition		E	
Sr. No.	Mark*	Cas DD	-	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	Conc. Cube (1:2:4)	31	1	2025	6x6x6		8.8	36	56	3484		Engraved
2	Conc. Cube (1:2:4)	31	1	2025	6x6x6		8.8	36	79	4916		Engraved
3	Conc. Cube (1:2:4)	31	1	2025	6x6x6		9	36	75	4667		Engraved
4												
5						GINE	RIATE					
6					-)	READ IN	210Th					
7						THE NAME	المسترغي المار خلف	2				
8					- 88							
9						-						
10					<	/ A	IORE					
11												
12												
13												
14												
15												
16												
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)

Your Ref. No.

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.



MANDI FAIZABAD (PP-134) Tehsil & District Nankana Sahib (Work-49)- M/S Sahara Builders Govt. Contractor												
	Our Ref. No. CL/C	ED/ 8569	Dated:	13/6/2025	Test Specification							
	Your Ref. No.	SDO(PHED)/462	Dated:	26/2/2025	(BS 1881-116)							

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

Mark*	Cas	ting									_
	DD	-	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
Conc. Cube (1:2:4)	29	1	2025	6x6x6		8.6	36	67	4169		Engraved
Conc. Cube (1:2:4)	29	1	2025	6x6x6		8.8	36	82.5	5133		Engraved
Conc. Cube (1:2:4)	29	1	2025	6x6x6		8.2	36	72	4480		Engraved
					GINE	RINE					
				-)		ROT					
					THE NAME OF THY LORD WHO		3-				
					2-						
				<		IORE					
	Conc. Cube (1:2:4)	Conc. Cube (1:2:4) 29	Conc. Cube (1:2:4) 29 1	Conc. Cube (1:2:4) 29 1 2025 <td>Conc. Cube (1:2:4) 29 1 2025 6x6x6 <!--</td--><td>Conc. Cube (1:2:4) 29 1 2025 6x6x6 <</td><td>Conc. Cube (1:2:4) 29 1 2025 6x6x6 8.2 <!--</td--><td>Conc. Cube (1:2:4) 29 1 2025 6x6x6 8.2 36 <!--</td--><td>Conc. Cube (1:2:4) 29 1 2025 $6x6x6$ 8.2 36 72 8.2 36 72 8.2 36 72 <td>Conc. Cube (1:2:4) 29 1 2025 6x6x6 8.2 36 72 4480 8.2 36 72 4480 </td><td>Conc. Cube (1:2:4) 29 1 2025 6x6x6 8.2 36 72 4480 8.2 36 72 4480 </td></td></td></td></td>	Conc. Cube (1:2:4) 29 1 2025 6x6x6 </td <td>Conc. Cube (1:2:4) 29 1 2025 6x6x6 <</td> <td>Conc. Cube (1:2:4) 29 1 2025 6x6x6 8.2 <!--</td--><td>Conc. Cube (1:2:4) 29 1 2025 6x6x6 8.2 36 <!--</td--><td>Conc. Cube (1:2:4) 29 1 2025 $6x6x6$ 8.2 36 72 8.2 36 72 8.2 36 72 <td>Conc. Cube (1:2:4) 29 1 2025 6x6x6 8.2 36 72 4480 8.2 36 72 4480 </td><td>Conc. Cube (1:2:4) 29 1 2025 6x6x6 8.2 36 72 4480 8.2 36 72 4480 </td></td></td></td>	Conc. Cube (1:2:4) 29 1 2025 6x6x6 <	Conc. Cube (1:2:4) 29 1 2025 6x6x6 8.2 </td <td>Conc. Cube (1:2:4) 29 1 2025 6x6x6 8.2 36 <!--</td--><td>Conc. Cube (1:2:4) 29 1 2025 $6x6x6$ 8.2 36 72 8.2 36 72 8.2 36 72 <td>Conc. Cube (1:2:4) 29 1 2025 6x6x6 8.2 36 72 4480 8.2 36 72 4480 </td><td>Conc. Cube (1:2:4) 29 1 2025 6x6x6 8.2 36 72 4480 8.2 36 72 4480 </td></td></td>	Conc. Cube (1:2:4) 29 1 2025 6x6x6 8.2 36 </td <td>Conc. Cube (1:2:4) 29 1 2025 $6x6x6$ 8.2 36 72 8.2 36 72 8.2 36 72 <td>Conc. Cube (1:2:4) 29 1 2025 6x6x6 8.2 36 72 4480 8.2 36 72 4480 </td><td>Conc. Cube (1:2:4) 29 1 2025 6x6x6 8.2 36 72 4480 8.2 36 72 4480 </td></td>	Conc. Cube (1:2:4) 29 1 2025 $6x6x6$ 8.2 36 72 8.2 36 72 8.2 36 72 <td>Conc. Cube (1:2:4) 29 1 2025 6x6x6 8.2 36 72 4480 8.2 36 72 4480 </td> <td>Conc. Cube (1:2:4) 29 1 2025 6x6x6 8.2 36 72 4480 8.2 36 72 4480 </td>	Conc. Cube (1:2:4) 29 1 2025 6x6x6 8.2 36 72 4480 8.2 36 72 4480	Conc. Cube (1:2:4) 29 1 2025 6x6x6 8.2 36 72 4480 8.2 36 72 4480

Vitnessed 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.



Froject. Construction of water Supply/ Filtration Franks, Sewerage & Samitation System at UC UC-20 CHAN											
NO. 184/ RB KOT NIZAM DIN District Nankana Sahib (Work-	25)- M/S Ch. Imtiaz Hus	sain Basra Govt.									
Contractor											
Our Ref. No. CL/CED/ 8570	Dated:	13/6/2025									

Our Ref. No. CL/	CED/ 8570	Dated:	13/6/2025	Test Specification
Your Ref. No.	SDO(PHED)/438	Dated:	24/2/2025	(BS 1881-116)

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

Specim	ens received on:	12	2/06/2	2025	Tested on:	13/6	/2025	in dry/wet	condition			
Sr. No.	Mark*	Cas DD	-	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	Conc. Cube (1:2:4)	25	1	2025	6x6x6		9	36	54.5	3391		Engraved
2	Conc. Cube (1:2:4)	25	1	2025	6x6x6		8.8	36	80	4978		Engraved
3	Conc. Cube (1:2:4)	25	1	2025	6x6x6		8.6	36	57	3547		Engraved
4												
5						GINE	RIATE					
6)		2 DECT					
7						LORD WHO	المسترغي الارتخار خلاد ا	2				
8					/ 8.8							
9						2-	- 3					
10						(A	IOR -					
11												
12												
13												
14												
15												
16												
Witnessed by:												

sea 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.



28/2/2025

COMPRESSION TEST REPORT

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

SDO(PHED)/436

Specim	ens received on:	12	2/06/2	2025	Tested on:	13/6	/2025	in dry/wet condition				
Sr. No.	Mark*	Cas DD	•	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	Conc. Cube (1:2:4)	30	1	2025	6x6x6		8.2	36	75	4667		Engraved
2	Conc. Cube (1:2:4)	30	1	2025	6x6x6		8.8	36	67	4169		Engraved
3	Conc. Cube (1:2:4)	30	1	2025	6x6x6		8.6	36	62	3858		Engraved
4												
5						GINE	RIATE					
6)	READ IN	2 DECT					
7						LORD WHO	المسترغي الارتخار خلاد ا	2				
8					/ 8.8							
9						2-	- 3					
10						(A	IOR -					
11												
12												
13												
14												
15												
16												
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)

Your Ref. No.

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.

Director/Dy. Director Concrete Laboratory

(BS 1881-116)



Froject. Construction of water Supply/ Finitation Frant, COLONYNANKANA SAHIB (PP-134) Tehsil & District Na			n Basra
Govt Contractor Our Ref. No. CL/CED/ 8572	Dated:	13/6/2025	Test Specification
Your Ref. No. SDO(PHED)/471	Dated:	27/2/2025	(BS 1881-116)

COMPRESSION TEST REPORT



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

Specim	ens received on:	12	2/06/2	2025	Tested on:	13/6	/2025	in dry/we	t condition		Ċ	jeskeg
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	Conc. Cube (1:2:4)	29	1	2025	6x6x6		8.6	36	77	4791		Engraved
2	Conc. Cube (1:2:4)	29	1	2025	6x6x6		8.6	36	84	5227		Engraved
3	Conc. Cube (1:2:4)	29	1	2025	6x6x6		8.6	36	59	3671		Engraved
4						I						
5						EINE	RINTE					
6						READIN	2.07					
7						THE NAME OF THY LORD WHO	المدرية.					
8					188 							
9						-						
10						-14	ORE					
11						-						
12												
13												
14												
15												
16												
Witnessed by:												

Vitnessed 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.



24/2/2025

(BS 1881-116)

COMPRESSION TEST REPORT	DEDUDT	TEQTE	DEGGIUNI	COM

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

SDO(PHED)/470

Specim	ens received on:	12	2/06/2	2025	Tested on:	13/6	/2025	in dry/wet	t condition		E	
Sr. No.	Mark*	Cas DD	-	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	Conc. Cube (1:2:4)	25	1	2025	6x6x6		8.6	36	72	4480		Engraved
2	Conc. Cube (1:2:4)	25	1	2025	6x6x6		8.8	36	77	4791		Engraved
3	Conc. Cube (1:2:4)	25	1	2025	6x6x6		8.6	36	78	4853		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)

Your Ref. No.

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.



Public Health Engg: Sub Division Nankana Sahib		
Project: Construction of water Supply/ Entration Flant, Sev	verage & запітаціон зузтені ат іviunana	n Aujacent
to DHOLAR CHOWK & BYPASS (PP-134) Tehsil & District I	Nankana Sahib (Work-56)- M/S Sahara	Builders
Court Contractor Our Ref. No. CL/CED/ 8574	Dated: 13/6/2025	Test Specification
Your Ref. No. SDO(PHED)/469	Dated: 28/2/2025	(BS 1881-116)

COMPRESSION TEST REPORT



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

Specim	ens received on:	12	2/06/2	025	Tested on:	13/6	/2025	in dry/we	condition			
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	Conc. Cube (1:2:4)	30	1	2025	6x6x6		9	36	58	3609		Engraved
2	Conc. Cube (1:2:4)	30	1	2025	6x6x6		8.8	36	69	4293		Engraved
3	Conc. Cube (1:2:4)	30	1	2025	6x6x6		8.8	36	83	5164		Engraved
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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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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.

	Plain and Reinforced Concrete Laboratory Civil Engineering Department University of Engineering and Technology, Lahore. Pakistan	ORIGINAL A carbon copy for the report has been retained in the lab for record.							
То:	Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895 Sub Divisional Officer Public Health Engg: Sub Division Nankana Sahib	9591 Engr. A. Rehman							
	Project: Construction of Water Supply/ Filtration Plant, Sewerage & Sanitation System at UC-27 SHAREEN JHANGAR (BUDHA) District Nankana Sahib (Work-31)- M/S Shehroz Hunjra & Co. Govt. Contractor Our Ref. No. CL/CED/ 8575 Dated: 13/6/2025								
	Your Ref. No. SDO(PHED)/444 Dated: 25/2/2025	(BS 1881-116)							

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

Specim	ens received on:	12	2/06/2	2025	Tested on:	13/6	/2025	in dry/wet	t condition		e B	
Sr. No.	Mark*	Cas DD	-	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	Conc. Cube (1:2:4)	24	1	2025	6x6x6		9	36	58	3609		Engraved
2	Conc. Cube (1:2:4)	24	1	2025	6x6x6		9	36	69	4293		Engraved
3	Conc. Cube (1:2:4)	24	1	2025	6x6x6		8.6	36	82	5102		Engraved
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Results can also be seen on website https://civil.uet.edu.pk/concrete-laboratory-reports1/

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



Project: Construction of Water Supply/ Filtration Plant, Sewerage / Sa Ajoining Abadies District Nankana Sahib (PP-135) (Work-73)- M/S Ch.			
Our Ref. No. CL/CED/ 8576	Dated:	13/6/2025	Test Specification
Your Ref. No. SDO(PHED)/486	Dated:	28/2/2025	(BS 1881-116)

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

Specim	ens received on:	2/06/2	2025	Tested on:	13/6	/2025	in dry/wet	t condition		F. [
Sr. No.	Mark*	Cas DD	-	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	Conc. Cube (1:2:4)	31	1	2025	6x6x6		9	36	87	5413		Engraved
2	Conc. Cube (1:2:4)	31	1	2025	6x6x6		8.8	36	89	5538		Engraved
3	Conc. Cube (1:2:4)	31	1	2025	6x6x6		8.8	36	93	5787		Engraved
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