

University of Engineering and Technology, Lahore Phone Nos. 042-99029202, 042-99029217

363 Dr.Mazhar Saleem

To: Mr. Hassan Khan Sherwani (Provincial Construction Supervision Manager)
Humqadam SCRP

Project: Humqadam-School Construction and Rehabilitation Programme

Our Ref. No. CL/CED/ 1564-1 of 2 Dated: 06-01-21

IMC-LHR/SCRP/2020/

Your Ref. No. MaterialTesting/LHR-3 Dated: 30-12-20

COMPRESSION TEST REPORT

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

Specimens received

on: 01-01-21 Tested on: 05-01-21 in dry/wet condition

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		C	asting	g Date*	Size	Weight	Area of	Ultimate	Ultimate	
Sr. No.	Mark*	/	Wet V	Veight	(in)	(lbs./gms)	X- Section	load	Stress	Remarks
			(gn	ns)			(Sq. in)	(Tons/lbs)	(Psi)	
1	Mortar Cube	24	12	2020	2.0x2.0x2.0	270	4	6	3310	
2	Mortar Cube	24	12	2020	2.0x2.0x2.0	264	4	2.3	1270	
3	Mortar Cube	24	12	2020	2.0x2.0x2.0	268	4	4.2	2320	
4	Mortar Cube	24	12	2020	2.0x2.0x2.0	271	4	3.7	2040	
5	Mortar Cube	24	12	2020	2.0x2.0x2.0	272	4	7.6	4190	
6	Mortar Cube	24	12	2020	2.0x2.0x2.0	273	4	4.3	2370	
7	Mortar Cube	24	12	2020	2.0x2.0x2.0	261	4	5	2760	
8	Mortar Cube	24	12	2020	2.0x2.0x2.0	267	4	5.5	3040	
9	Mortar Cube	24	12	2020	2.0x2.0x2.0	291	4	7.1	3920	
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Results can also be seen on website http://www.uet.edu.pk/faculties/faculties/facultiesinfo/department?RID=testing_reports&id=6

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

The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients). The test results are recommended to be interpreted in the light of above factors by the engineer.

supervisor(lab)

^{*} as engraved on the specimens (if any)

^{**} BS3921 requires average of ten clay brick samples for crushing strength and water absorption

^{***} BS5328 requires mean of two cube sample strength at 28 days as characteristic strength

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



University of Engineering and Technology, Lahore Phone Nos. 042-99029202, 042-99029217

333

To: M/s Banu Mukhtar Contracting (Pvt.) Ltd.

Dr.Mazhar Saleem

5-A, Ali Block, Main Blvd. New Garden Town, Lahore

Project: Supply and Fixing of Paving Stones Natural Cement Grey Colour for ESTB of Parking Area at Sheeba Part Sec Y, Ph-III, DHA, Lahore

Our Ref. No. CL/CED/ 1565 Dated: 06-01-21

Your Ref. No. BML/SMS/UET/207 Dated: 24-12-20

COMPRESSION TEST REPORT

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

Specimens received on: 24-12-20 Tested on: 05-01-21 in dry/wet condition

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Ġ.		Casting Date*	Size	Weight	Area of	Ultimate	Ultimate	
Sr. No.	Mark*	/Wet Weight	(in)	(lbs./gms)	X- Section	load	Stress	Remarks
0,		(gms)			(Sq. in)	(Tons/lbs)	(Psi)	
1	Large Classico Grey		4.5x4.5x2.3	1814	20.7	82.6	8800	
2	Large Classico Grey		4.5x4.5x2.3	1746	20.7	69.5	7400	
3	Large Classico Grey		4.5x4.5x2.3	1810	20.7	71.3	7600	
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supervisor(lab)

^{*} as engraved on the specimens (if any)

^{**} BS3921 requires average of ten clay brick samples for crushing strength and water absorption

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



University of Engineering and Technology, Lahore Phone Nos. 042-99029202, 042-99029217

333

To: M/s Banu Mukhtar Contracting (Pvt.) Ltd.

Dr.Mazhar Saleem

5-A, Ali Block, Main Blvd. New Garden Town, Lahore

Project: Supply and Fixing of Paving Stones Black Coloured for ESTB of Parking Area at Sheeba Part Sec Y, Ph-III, DHA, Lahore

Our Ref. No. CL/CED/ 1566 Dated: 06-01-21

Your Ref. No. BML/SMS/UET/208 Dated: 24-12-20

COMPRESSION TEST REPORT

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

Specimens received on: 24-12-20 Tested on: 05-01-21 in dry/wet condition

Sr. No.	Mark*	Casting Date* /Wet Weight	Size (in)	Weight (lbs./gms)	Area of X-Section	Ultimate load	Ultimate Stress	Remarks
S		(gms)			(Sq. in)	(Tons/lbs)	(Psi)	
1	Large Classico Black		4.5x4.5x2.3	1791	20.7	95.3	10150	
2	Large Classico Black		4.5x4.5x2.3	1856	20.7	98.2	10460	
3	Large Classico Black		4.5x4.5x2.3	1835	20.7	94	10010	
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supervisor(lab)

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



University of Engineering and Technology, Lahore Phone Nos. 042-99029202, 042-99029217

333

To: M/s Banu Mukhtar Contracting (Pvt.) Ltd.

Dr.Mazhar Saleem

5-A, Ali Block, Main Blvd. New Garden Town, Lahore

Project: Supply and Fixing of Paving Stones Black Coloured for ESTB of Parking Area at Sheeba Part Sec Y, Ph-III, DHA, Lahore

Our Ref. No. CL/CED/ 1567 Dated: 06-01-21

Your Ref. No. BML/SMS/UET/209 Dated: 24-12-20

COMPRESSION TEST REPORT

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

Specimens received on: 24-12-20 Tested on: 05-01-21 in dry/wet condition

Sr. No.	Mark*	Casting Date* /Wet Weight	Size (in)	Weight (lbs./gms)	Area of X- Section	Ultimate load	Ultimate Stress	Remarks
S		(gms)			(Sq. in)	(Tons/lbs)	(Psi)	
1	Medium Classico Black		4.5x3.5x2.3	1323	14.52	59.7	9070	
2	Medium Classico Black		4.5x3.5x2.3	1319	14.52	50.9	7730	
3	Medium Classico Black		4.5x3.5x2.3	1380	14.52	72	10930	
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 $Results\ can\ also\ be\ seen\ on\ website\ \underline{http://www.uet.edu.pk/faculties/facultiesinfo/department?RID=testing_reports\&id=6}$

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supervisor(lab)

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^{***} BS5328 requires mean of two cube sample strength at 28 days as characteristic strength

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



University of Engineering and Technology, Lahore Phone Nos. 042-99029202, 042-99029217

333

To: M/s Banu Mukhtar Contracting (Pvt.) Ltd.

Dr.Mazhar Saleem

5-A, Ali Block, Main Blvd. New Garden Town, Lahore

Project: Supply and Fixing of Paving Stones Red Coloured for ESTB of Parking Area at Sheeba Part Sec Y,

Ph-III, DHA, Lahore

Our Ref. No. CL/CED/ 1568 Dated: 06-01-21

Your Ref. No. BML/SMS/UET/206 Dated: 24-12-20

COMPRESSION TEST REPORT

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

Specimens received on: 24-12-20 Tested on: 05-01-21 in dry/wet condition

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		Casting Date*	Size	Weight	Area of	Ultimate	Ultimate	
Sr. No.	Mark*	/Wet Weight	(in)	(lbs./gms)	X-Section	load	Stress	Remarks
0)		(gms)			(Sq. in)	(Tons/lbs)	(Psi)	
1	Large Classico Red		4.5x4.5x2.3	1790	20.7	100	10650	
2	Large Classico Red		4.5x4.5x2.3	1806	20.7	99.5	10600	
3	Large Classico Red		4.5x4.5x2.3	1812	20.7	96.5	10280	
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Results can also be seen on website http://www.uet.edu.pk/faculties/facultiesinfo/department?RID=testing_reports&id=6

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supervisor(lab)

^{*} as engraved on the specimens (if any)

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



University of Engineering and Technology, Lahore Phone Nos. 042-99029202, 042-99029217

333

To: M/s Banu Mukhtar Contracting (Pvt.) Ltd.

Dr.Mazhar Saleem

5-A, Ali Block, Main Blvd. New Garden Town, Lahore

Project: Supply and Fixing of Paving Stones Red Coloured for ESTB of Parking Area at Sheeba Part Sec Y, Ph-III, DHA, Lahore

Our Ref. No. CL/CED/ 1569 Dated: 06-01-21

Your Ref. No. BML/SMS/UET/205 Dated: 24-12-20

COMPRESSION TEST REPORT

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

Specimens received on: 24-12-20 Tested on: 05-01-21 in dry/wet condition

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		Casting Date*	Size	Weight	Area of	Ultimate	Ultimate	
o O		/Wet			X-			
Sr. No.	Mark*	Weight	(in)	(lbs./gms)	Section	load	Stress	Remarks
		(gms)			(Sq. in)	(Tons/lbs)	(Psi)	
1	Medium Classico Red		2.3 Thick	1524	16.52	78.5	10480	
2	Medium Classico Red		2.3 Thick	1480	16.52	62.1	8290	
3	Medium Classico Red		2.3 Thick	1442	16.52	54.3	7250	
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supervisor(lab)

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



University of Engineering and Technology, Lahore Phone Nos. 042-99029202, 042-99029217

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To: M/s Banu Mukhtar Contracting (Pvt.) Ltd.

Dr.Mazhar Saleem

5-A, Ali Block, Main Blvd., New Garden Town, Lahore

Project: Supply and Fixing of Kerb Stones Natural Cement Grey Colour for ESTB of Parking Area at Sheeba Part Sec Y, Ph-III, DHA, Lahore

Our Ref. No. CL/CED/ 1570 Dated: 06-01-21

Your Ref. No. BML/SMS/UET/203 Dated: 24-12-20

COMPRESSION TEST REPORT

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

Specimens received on: 28-12-20 Tested on: 04-01-21 in dry/wet condition

Sr. No.	Mark*	Casting Date* /Wet Weight (gms)	Size (in)	Weight (lbs./gms)	Area of X- Section (Sq. in)	Ultimate load (Tons/lbs)	Ultimate Stress (Psi)	Remarks
1	Kerb Stone	(9113)	5.9x5.9x6.0	7.8	34.81	57	3670	Cut Cube
2	Kerb Stone		6.0x5.9x6.0	7.6	35.4	124		
							7850	Cut Cube
3	Kerb Stone		6.0x6.0x5.9	8	36	69	4300	Cut Cube
4	Kerb Stone		6.0x5.9x6.0	7.6	35.4	69	4370	Cut Cube
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supervisor(lab)

^{*} as engraved on the specimens (if any)

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



University of Engineering and Technology, Lahore Phone Nos. 042-99029202, 042-99029217

315

To: Mr. Majid Yasin (Sr. District Engineer)

Dr.Mazhar Saleem

Humqadam (SCRP) Program, District Faisalabad

Project: Retrofitting Work of Humqadam SCRP School Buildings, District Faisalabad (GGES Chak 217 RB

Sultan Town Fsd, EMIS: 33110140)

Our Ref. No. CL/CED/ 1571 Dated: 06-01-21

Your Ref. No. Retro/SCRP/Astral/03 Dated: 21-12-20

COMPRESSION TEST REPORT

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

Specimens received on: 23-12-20 Tested on: 05-01-21 in dry/wet condition

G.		Ca	asting	Date*	Size	Weight	Area of	Ultimate	Ultimate	
Sr. No.	Mark*	/V	Vet V	Veight	(in)	(lbs./gms)	X-Section	load	Stress	Remarks
0)			(gn	ns)			(Sq. in)	(Tons/lbs)	(Psi)	
1	Mortar Cube	13	12	2020	2.0x2.0x2.0	265	4	10.3	5680	
2	Mortar Cube	13	12	2020	2.0x2.0x2.0	261	4	9.7	5350	
3	Mortar Cube	13	12	2020	2.0x2.0x2.0	270	4	9.6	5290	
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supervisor(lab)

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



University of Engineering and Technology, Lahore Phone Nos. 042-99029202, 042-99029217

315

To: Mr. Majid Yasin (Sr. District Engineer)

Dr.Mazhar Saleem

Humqadam (SCRP) Program, District Faisalabad

Project: Retrofitting Work of Humqadam SCRP School Buildings, District Faisalabad (GPS 217 RB Sultan

Wala Fsd, EMIS: 33110401)

Our Ref. No. CL/CED/ 1572 Dated: 06-01-21

Your Ref. No. Retro/SCRP/Astral/03 Dated: 21-12-20

COMPRESSION TEST REPORT

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

Specimens received on: 23-12-20 Tested on: 05-01-21 in dry/wet condition

Sr. No.	Mark*			Date* /eight	Size (in)	Weight (lbs./gms)	Area of X-Section	Ultimate load	Ultimate Stress	Remarks
S			(gm		,	,	(Sq. in)	(Tons/lbs)	(Psi)	
1	Mortar Cube	13	12	2020	2.0x2.0x2.0	264	4	9.3	5130	
2	Mortar Cube	13	12	2020	2.0x2.0x2.0	260	4	9.5	5240	
3	Mortar Cube	13	12	2020	2.0x2.0x2.0	274	4	9.8	5400	
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supervisor(lab)

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University of Engineering and Technology, Lahore Phone Nos. 042-99029202, 042-99029217

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To: Mr. M. Nadeem Akram Dr. M. Burhan

District Jhang

Project: Ortho Hospital 96-B Hali Road Gulberg-II, Lahore

Our Ref. No. CL/CED/ 1573 Dated: 06-01-21

Your Ref. No. Nil Dated: 05-01-21

COMPRESSION TEST REPORT

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

Specimens received on: 05-01-21 Tested on: 06-01-21 in dry/wet condition

Sr. No.	Mark*			Date* /eight	Size (in)	Weight (lbs./gms)	Area of X- Section	Ultimate load	Ultimate Stress	Remarks
Ŋ			(gm	s)			(Sq. in)	(Tons/lbs)	(Psi)	
1		26	12	2020	6Diax12	13.4	28.28	77.2	6020	Non Engraved
2		26	12	2020	6Diax12	13.8	28.28	82.4	6430	Non Engraved
3		26	12	2020	6Diax12	13.4	28.28	81.8	6380	Non Engraved
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supervisor(lab)

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University of Engineering and Technology, Lahore Phone Nos. 042-99029202, 042-99029217

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To: Mr. Junaid Iqbal (Project Manager)

Dr. M. Burhan

Forman Christian College, Lahore

Project: Construction of Campus Center and Digital Library-FCC, Lahore

Our Ref. No. CL/CED/ 1574 Dated: 06-01-21

Your Ref. No. FCC/DBW/PM/CCP/100 Dated: 05-01-21

COMPRESSION TEST REPORT

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

Specimens received on: 05-01-21 Tested on: 06-01-21 in dry/wet condition

		Ca	asting	Date*	Size	Weight	Area of	Ultimate	Ultimate	
Sr. No.	Mark*	N	Vet V	Veight	(in)	(lbs./gms)	X-Section	load	Stress	Remarks
			(gn	ns)			(Sq. in)	(Tons/lbs)	(Psi)	
1	3000 Psi	8	12	2020	6Diax12	13	28.28	47.3	3690	Engraved
2	3000 Psi	8	12	2020	6Diax12	13.2	28.28	42	3280	Engraved
3	3000 Psi	8	12	2020	6Diax12	13.2	28.28	48.8	3810	Engraved
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University of Engineering and Technology, Lahore Phone Nos. 042-99029202, 042-99029217

378

To: Mr. Hassan Khan Sherwani (Provincial Construction Supervision Manager)

Dr. M. Burhan

Humqadam SCRP (M/s Astral Constructions)

Project: Humqadam-School Construction and Rehabilitation Programme (GGHS Khudian Khas)

Our Ref. No. CL/CED/ 1575 Dated: 06-01-21

IMC-LHR/SCRP/2020/

Your Ref. No. MaterialTesting/LHR-1 Dated: 04-01-21

COMPRESSION TEST REPORT

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

Specimens received on: 04-01-21 Tested on: 06-01-21 in dry/wet condition

		С	asting	Date*	Size	Weight	Area of	Ultimate	Ultimate	
Sr. No.	Mark*	/	Wet W	eight	(in)	(lbs./gms)	X- Section	load	Stress	Remarks
			(gm	s)			(Sq. in)	(Tons/lbs)	(Psi)	
1		2	12	2020	6Diax12	13	28.28	42	3280	Non Engraved
2		2	12	2020	6Diax12	13.2	28.28	45.5	3550	Non Engraved
3		2	12	2020	6Diax12	13	28.28	40	3120	Non Engraved
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										

Results can also be seen on website http://www.uet.edu.pk/faculties/faculties/facultiesinfo/department?RID=testing reports&id=6

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

The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients). The test results are recommended to be interpreted in the light of above factors by the engineer.

supervisor(lab)

^{*} as engraved on the specimens (if any)

^{**} BS3921 requires average of ten clay brick samples for crushing strength and water absorption

^{***} BS5328 requires mean of two cube sample strength at 28 days as characteristic strength

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



University of Engineering and Technology, Lahore Phone Nos. 042-99029202, 042-99029217

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To: Mr. Muneeb Ur Rehman (Sr. District Engineer)

Dr.Mazhar Saleem

Humqadam/Sialkot

Project: Retro-Fitting / Tranche-III Humqadam SCRP-Sialkot (1. GPS Gala Shahidan Wala)

(2. GGES Rahang)

Our Ref. No. CL/CED/ 1576 Dated: 06-01-21

Your Ref. No. Nil Dated: 21-12-20

COMPRESSION TEST REPORT

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

Specimens received on: 23-12-20 Tested on: 05-01-21 in dry/wet condition

		Cas	sting	Date*	Size	Weight	Area of	Ultimate	Ultimate	
Sr. No.	Mark*	/Wet Weight			(in)	(lbs./gms)	X- Section	load	Stress	Remarks
			(gm	s)			(Sq. in)	(Tons/lbs)	(Psi)	
1	Mortar Cube (EMIS: 34310777)	15	12	2020	2.0x2.0x2.0	265	4	12.9	7110	
2	Mortar Cube (EMIS: 34310777)	15	12	2020	2.0x2.0x2.0	248	4	10.7	5900	
3	Mortar Cube (EMIS: 34310777)	15	12	2020	2.0x2.0x2.0	257	4	7.7	4250	
4	Mortar Cube (EMIS: 34330526)	16	12	2020	2.0x2.0x2.0	277	4	12.5	6890	
5	Mortar Cube (EMIS: 34330526)	16	12	2020	2.0x2.0x2.0	267	4	8.6	4740	
6	Mortar Cube (EMIS: 34330526)	16	12	2020	2.0x2.0x2.0	261	4	7.8	4300	
7										
8										
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13										
14										
15										
16										

 $Results\ can\ also\ be\ seen\ on\ website\ \underline{http://www.uet.edu.pk/faculties/facultiesinfo/department?RID=testing_reports\&id=6}$

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University of Engineering and Technology, Lahore Phone Nos. 042-99029202, 042-99029217

340

To: Mr. Muhammad Saleem (GM)

Dr.Mazhar Saleem

Professional Construction Services (Pvt.) Ltd. Lahore Project: Construction of Allied Bank Limited DHA Phase 8c Ex Park View Lahore (Basement Slab at Grid A~K/1~7)

Our Ref. No. CL/CED/ 1577 Dated: 06-01-21

Your Ref. No. PCS/2020/Eng-106 Dated: 28-12-20

COMPRESSION TEST REPORT

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

Specimens received on: 28-12-20 Tested on: 06-01-21 in dry/wet condition

						ı		1		
Sr. No.	Mark*	Casting Date*			Size	Weight	Area of	Ultimate	Ultimate	
		/Wet Weight			(in)	(lbs./gms)	X- Section	load	Stress	Remarks
		(gms)					(Sq. in)	(Tons/lbs)	(Psi)	
1	(1:2:4)	29	11	2020	6Diax12	14	28.28	31	2460	Non Engraved
2	(1:2:4)	29	11	2020	6Diax12	14	28.28	35	2780	Non Engraved
3										
4										
5										
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The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients). The test results are recommended to be interpreted in the light of above factors by the engineer.

supervisor(lab)

^{*} as engraved on the specimens (if any)

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



University of Engineering and Technology, Lahore Phone Nos. 042-99029202, 042-99029217

340

To: Mr. Muhammad Saleem (GM)

Dr.Mazhar Saleem

Professional Construction Services (Pvt.) Ltd. Lahore Project: Construction of Allied Bank Limited DHA Phase 8c Ex Park View Lahore (Mezzanine Slab at Grid A~K/1~7)

Our Ref. No. CL/CED/ 1578 Dated: 06-01-21

Your Ref. No. PCS/2020/Eng-107 Dated: 28-12-20

COMPRESSION TEST REPORT

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

Specimens received on: 28-12-20 Tested on: 06-01-21 in dry/wet condition

Sr. No.	Mark*	Casting Date*		Size	Weight	Area of	Ultimate	Ultimate		
		/Wet Weight			(in)	(lbs./gms)	X-Section	load	Stress	Remarks
		(gms)					(Sq. in)	(Tons/lbs)	(Psi)	
1	(1:2:4)	21	12	2020	6Diax12	13.8	28.28	33	2620	Non Engraved
2	(1:2:4)	21	12	2020	6Diax12	13.6	28.28	37	2940	Non Engraved
3										
4										
5										
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Results can also be seen on website http://www.uet.edu.pk/faculties/faculties/facultiesinfo/department?RID=testing_reports&id=6

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