



Plain and Reinforced Concrete Laboratory
Department of Civil Engineering
University of Engineering and Technology, Lahore
Phone Nos. 042-99029202, 042-99029217

324

Dr. Umbreen

To: Engr. Muhammad Abdullah (Executive Engineer)
B&W Department, UET Lahore
Project: Construction of Workshop and Design Center in UET, Lahore

Our Ref. No. CL/CED/ 1545 Dated: 04-01-21

Your Ref. No. B&W/XEN/10 Dated: 22-12-20

COMPRESSION TEST REPORT

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

Specimens received on: 23-12-20 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	Clay Tile		9.3x4.5x1.5	1926	41.85			
2	Clay Tile		9.3x4.5x1.6	1798	41.85			
3	Clay Tile		9.2x4.5x1.6	1825	41.4			
4	Clay Tile		9.2x4.5x1.6	1830	41.4			
5	Clay Tile		9.1x4.5x1.6	1895	40.95			
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Results can also be seen on website http://www.uet.edu.pk/faculties/facultiesinfo/department?RID=testing_reports&id=6

* 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" dia x 12" cylinder) strength at 28 days as compressive strength

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)

Director/Dy. Director Concrete Laboratory



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367

Dr. Mazhar Saleem

To: Taqveem Ahsan
Premier Developers, Faisalabad
Project: Lyallpur Galleria, Fsd. Premier Developers

Our Ref. No. CL/CED/ 1546 Dated: 04-01-21

Your Ref. No. Nil Dated: 02-01-21

COMPRESSION TEST REPORT

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

Specimens received on: 04-01-21 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	I-Section Grey		2.4 Thick	3876	40.92	154	8430	
2	I-Section Grey		2.4 Thick	3760	40.92	86	4710	
3	I-Section Grey		2.4 Thick	3869	40.92	150	8220	
4	I-Section Black		2.4 Thick	3920	40.92	128	7010	
5	I-Section Black		2.4 Thick	3919	40.92	114	6240	
6	I-Section Red		2.4 Thick	3665	40.92	116	6350	
7	I-Section Red		2.4 Thick	4041	40.92	156	8540	
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368

Dr.Mazhar Saleem

To: Khalid Bashir
Ittefaq Building Solution (Pvt.) Ltd. Lahore
Project: Mcdonald's Restaurant at DHA Rehbar Lahore

Our Ref. No. CL/CED/ 1547 Dated: 04-01-21

Your Ref. No. IBS/CS/BT02 Dated: 04-01-21

COMPRESSION TEST REPORT

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

Specimens received on: 04-01-21 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	Solid Block		11.9x6.0x8.0	20	71.4	47	1480	
2	Solid Block		12.0x6.0x8.0	20	72	47	1470	
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294

Dr. Mazhar Saleem

To: Resident Engineer

G3 Engineering Consultants (Pvt.) Ltd. Lahore

Project: Construction of Infrastructure and Allied Works at Rachna Industrial Parks at District Sheikhupura (Phase-II)

Our Ref. No. CL/CED/

1548

Dated:

04-01-21

Your Ref. No.

G-3/0207/191220

Dated:

18-12-20

COMPRESSION TEST REPORT

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

Specimens received on: 18-12-20 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		5.6x5.5x5.5	8	30.8	59	4300	Cut Cube
2								
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253

To: **Muhammad Asif Bajwa (Resident Engineer, PU Lahore)**

Dr.Mazhar Saleem

Progressive Consultants (Pvt.) Ltd. Lahore

Project: Construction of Institute of Energy and Environmental Engineering at University of Punjab QAC, Lahore

Our Ref. No. CL/CED/

1549

Dated:

04-01-21

Your Ref. No.

RE/PCL-562/LHR
/IEEE/PU/128

Dated:

07-12-20

COMPRESSION TEST REPORT

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

Specimens received

on:

11-12-20

Tested on:

04-01-21

in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Weight (lbs./gms)	Area of X- Section (Sq. in)	Ultimate load (Tons/lbs)	Ultimate Stress (Psi)	Remarks
		/Wet Weight (gms)								
1	Slab (3000 Psi)	11	11	2020	6Diax12	13.6	28.28	71	5630	Non Engraved
2	Slab (3000 Psi)	11	11	2020	6Diax12	13.6	28.28	59	4680	Non Engraved
3	Slab (3000 Psi)	11	11	2020	6Diax12	13.6	28.28	71	5630	Non Engraved
4	Slab (3000 Psi)	11	11	2020	6Diax12	13.4	28.28	61	4840	Non Engraved
5	Slab (3000 Psi)	11	11	2020	6Diax12	13.8	28.28	69	5470	Non Engraved
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306

Dr. Mazhar Saleem

To: Lt. Col. (R) Muhammad Ibrahim (Estate Engineer)
Board of Management, Sundar Industrial Estate, Lahore
Project: Supply and Fixing of Kerb Stone at SIE in Cash

Our Ref. No. CL/CED/ 1550 Dated: 04-01-21

Your Ref. No. BOM/SIE/BCD/6105 Dated: 21-12-20

COMPRESSION TEST REPORT

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

Specimens received on: 21-12-20 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		5.5x5.9x5.5	7.6	32.45	110	7600	Cut Cube
2	Kerb Stone		5.5x6.0x5.5	7.6	33	92	6250	Cut Cube
3	Kerb Stone		5.4x5.9x5.6	7.6	31.86	96	6750	Cut Cube
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306

Dr. Mazhar Saleem

To: Lt. Col. (R) Muhammad Ibrahim (Estate Engineer)
Board of Management, Sundar Industrial Estate, Lahore
Project: Extension and Repair of U-turns at Sunder Industrial Estate in Cash

Our Ref. No. CL/CED/ 1551-1 of 2 Dated: 04-01-21

Your Ref. No. BOM/SIE/BCD/6087 Dated: 14-12-20

COMPRESSION TEST REPORT

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

Specimens received on: 21-12-20 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		6.0x5.3x5.5	7.2	31.8	92	6490	Cut Cube
2	Kerb Stone		5.9x5.5x5.5	7.2	32.45	39	2700	Cut Cube
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University of Engineering and Technology, Lahore

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306

Dr. Mazhar Saleem

To: Lt. Col. (R) Muhammad Ibrahim (Estate Engineer)

Board of Management, Sundar Industrial Estate, Lahore

Project: Extension and Repair of U-turns at Sunder Industrial Estate in Cash

Our Ref. No. CL/CED/ 1551-2 of 2 Dated: 04-01-21

Your Ref. No. BOM/SIE/BCD/6087 Dated: 14-12-20

COMPRESSION TEST REPORT

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

Specimens received on: 21-12-20 Tested on: 23-12-20 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	Uni-block Grey		3.2 Thick	4673	37.38	104	6240	
2	Uni-block Grey		3.2 Thick	4523	37.38	118	7080	
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