



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

9545  
Dr. Aqsa

**To: Altaf Hussain, M.E**  
**A S Enterprises. (Consultant AA Associates)**  
**Project: Style Textile Raiwind.**

Our Ref. No. CL/CED/ 9370 Dated: 29-11-19

Your Ref. No. USD/ASE/17 Dated: 22-11-19

## COMPRESSION TEST REPORT

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

Specimens received on: 22-11-19 Tested on: 26-11-19 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	C20	16	11	2019	6x6x6	8.2	36	72	4480	Non Engraved
2	C20	16	11	2019	6x6x6	8	36	76	4730	Non Engraved
3	C20	16	11	2019	6x6x6	8	36	74	4610	Non Engraved
4	C30	16	11	2019	6x6x6	8.2	36	77	4800	Non Engraved
5	C30	16	11	2019	6x6x6	8.2	36	76	4730	Non Engraved
6	C30	16	11	2019	6x6x6	8.4	36	80	4980	Non Engraved
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Results can also be seen on website [http://www.uet.edu.pk/faculties/facultiesinfo/departments/testing\\_reports&id=6](http://www.uet.edu.pk/faculties/facultiesinfo/departments/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**



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

9548  
Engr. A.  
Rehman

**To: Sub Divisional Officer**  
**Buildings Sub Division No.15, Lahore.**  
**Project: Construction of Litigent Shed and Offices at Lahore High Court Lahore.**

Our Ref. No. CL/CED/ 9371 Dated: 29-11-19

Your Ref. No. 2839 Dated: 08-11-19

## COMPRESSION TEST REPORT

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

Specimens received on: 25-11-19 Tested on: 28-11-19 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	F.F. Columns	24	10	2019	6x6x6	8.8	36	77	4800	Non Engraved
2	F.F. Columns	24	10	2019	6x6x6	9	36	73	4550	Non Engraved
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**supervisor(lab)**

**Director/Dy. Director Concrete Laboratory**



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**Department of Civil Engineering**  
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Phone Nos. 042-99029202, 042-99029217

9549

**To: Sub Divisional Officer**  
**Buildings Sub Division No.10, Lahore.**  
**Project: Construction of Police Station Factory Area, Lahore.**

Engr. A. Rehman

Our Ref. No. CL/CED/ 9372 Dated: 29-11-19

Your Ref. No. 546/10th Dated: 19-11-19

## COMPRESSION TEST REPORT

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

Specimens received on: 25-11-19 Tested on: 28-11-19 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	Roof Slab (Third Floor)	18	11	2019	6x6x6	9	36	76	4730	Non Engraved
2	Roof Slab (Third Floor)	18	11	2019	6x6x6	8.8	36	80	4980	Non Engraved
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**supervisor(lab)**

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9549

Engr. A. Rehman

**To: Sub Divisional Officer**  
**Buildings Sub Division No.10, Lahore.**  
**Project: Construction of Police Station Factory Area, Lahore.**

Our Ref. No. CL/CED/ 9373 Dated: 29-11-19

Your Ref. No. 550/10th Dated: 19-11-19

## COMPRESSION TEST REPORT

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

Specimens received on: 25-11-19 Tested on: 28-11-19 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
		Month	Day	Year						
1	Columns (Third Floor)	6	11	2019	6x6x6	9	36	106	6600	Non Engraved
2	Columns (Third Floor)	6	11	2019	6x6x6	9	36	99	6160	Non Engraved
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9549

Engr. A. Rehman

**To: Sub Divisional Officer**  
**Buildings Sub Division No.10, Lahore.**  
**Project: Construction of Police Station Factory Area, Lahore.**

Our Ref. No. CL/CED/ 9374 Dated: 29-11-19

Your Ref. No. 548/10th Dated: 19-11-19

## COMPRESSION TEST REPORT

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

Specimens received on: 25-11-19 Tested on: 28-11-19 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	Roof Slab (Second Floor)	18	10	2019	6x6x6	9	36	94	5850	Non Engraved
2	Roof Slab (Second Floor)	18	10	2019	6x6x6	9	36	77	4800	Non Engraved
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supervisor(lab)

Director/Dy. Director Concrete Laboratory



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**Department of Civil Engineering**  
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Phone Nos. 042-99029202, 042-99029217

9550

Engr. A. Rehman

To: **Executive Engineer**

**Public Health Engg: Division Sialkot.**

**Project: Providing & Laying of Tuff Tile PCC and Drainage Lines in UC Kotli Behram.**

Our Ref. No. CL/CED/ 9375 Dated: 29-11-19

Your Ref. No. 4601/S Dated: 25-11-19

## COMPRESSION TEST REPORT

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

Specimens received on: 26-11-19 Tested on: 28-11-19 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	UniBlock, Grey		2.3 thick	3522	37.25	110	6620	
2	UniBlock, Grey		2.3 thick	3491	37.25	113	6800	
3	UniBlock, Red		2.3 thick	3510	37.25	138	8300	
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9550

Engr. A. Rehman

To: **Executive Engineer**

**Public Health Engg: Division Sialkot.**

**Project: Providing & Laying of Tuff Tile PCC and Drainage Lines in UC Dalowali.**

Our Ref. No. CL/CED/ 9376 Dated: 29-11-19

Your Ref. No. 4602/S Dated: 25-11-19

## COMPRESSION TEST REPORT

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

Specimens received on: 26-11-19 Tested on: 28-11-19 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	UniBlock, Grey		2.3 thick	3408	37.25	144	8660	
2	UniBlock, Grey		2.3 thick	3449	37.25	152	9140	
3	UniBlock, Red		2.3 thick	3458	37.25	139	8360	
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**Director/Dy. Director Concrete Laboratory**



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

9555

To: **Sub Divisional Officer**

Engr. A. Rehman

**Buildings Sub Division No.10, Lahore.**

**Project: Construction of Lines / Training School for Close Protection Unit (Dolphin) at Township, Lahore (Group No.1).**

Our Ref. No. CL/CED/ 9377 Dated: 29-11-19

Your Ref. No. 535/10th Dated: 15-11-19

## COMPRESSION TEST REPORT

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

Specimens received on: 27-11-19 Tested on: 28-11-19 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	Raft (Admin Block)	19	8	2018	6x6x6	8.4	36	106	6600	Engraved
2	Raft (Admin Block)	19	8	2018	6x6x6	8.4	36	116	7220	Engraved
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**Director/Dy. Director Concrete Laboratory**





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

9555

To: **Sub Divisional Officer**

Engr. A. Rehman

**Buildings Sub Division No.10, Lahore.**

**Project: Construction of Lines / Training School for Close Protection Unit (Dolphin) at Township, Lahore (Group No.1).**

Our Ref. No. CL/CED/

9378

Dated:

29-11-19

Your Ref. No.

533/10th

Dated:

15-11-19

## COMPRESSION TEST REPORT

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

Specimens received on: 27-11-19 Tested on: 28-11-19 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
		Month	Day	Year						
1	Roof Slab, G.F, (Admin Block)	28	10	2019	6x6x6	9	36	110	6850	Engraved
2	Roof Slab, G.F, (Admin Block)	28	10	2019	6x6x6	9	36	114	7100	Engraved
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**supervisor(lab)**

**Director/Dy. Director Concrete Laboratory**



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Phone Nos. 042-99029202, 042-99029217

9531  
Dr. Aqsa

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

Our Ref. No. CL/CED/ 9379 Dated: 29-11-19

Your Ref. No. B&W/AEN/1223 Dated: 20-11-19

## COMPRESSION TEST REPORT

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

Specimens received on: 20-11-19 Tested on: 26-11-19 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	Second Floor Columns	14	10	2019	6Diax12	13.2	28.28	68	5390	Engraved
2	Second Floor Columns	14	10	2019	6Diax12	13.4	28.28	69	5470	Engraved
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**supervisor(lab)**

**Director/Dy. Director Concrete Laboratory**



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

To: (Engr. Muhammad Abdullah), Assistant Engineer  
B&W Department UET, Lahore.

9531  
Dr. Aqsa

Project: Construction Site of Workshop and Design Center in UET, Lahore.

Our Ref. No. CL/CED/ 9380 Dated: 29-11-19

Your Ref. No. B&W/AEN/1224 Dated: 20-11-19

## COMPRESSION TEST REPORT

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

Specimens received on: 20-11-19 Tested on: 26-11-19 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	Roof Slab	7	11	2019	6Diax12	13	28.28	43	3410	Engraved
2	Roof Slab	7	11	2019	6Diax12	13	28.28	40	3170	Engraved
3										
4										
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