



Plain and Reinforced Concrete Laboratory

Department of Civil Engineering

University of Engineering and Technology, Lahore

Phone Nos. 042-99029202, 042-99029217

9860

Dr. Umbreen

To: Sub Divisional Officer

Buildings Sub Division No.6, Lahore

Project: Addition & Improvement Works in Office Buildings in Punjab Civil Secretariat Lahore (S&GAD & Old Health Block)

Our Ref. No. CL/CED/

9878

Dated:

18-02-20

Your Ref. No.

229/Sd-6th

Dated:

20-01-20

COMPRESSION TEST REPORT

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

Specimens received on: 27-01-20 Tested on: 17-02-20 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	M		8.9x4.3x3.0	3388	38.27	47	2760	
2	M		8.9x4.4x3.0	3394	39.16	45	2580	
3	M		8.9x4.4x3.0	3361	39.16	45	2580	
4	M		8.9x4.3x3.0	3391	38.27	33	1940	
5	M		8.9x4.3x3.0	3377	38.27	41	2400	
6	M		8.9x4.3x3.0	3380	38.27	45	2640	
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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



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

9894

Dr. M. Yousaf

To: (Rana Aadil Farooq), Deputy Director (QCD).

WASA, LDA, Lahore. (M/s. Malik SA Habaz Enterprises).

Project: Tender No. XEN (O&M-II)GBT/2019-20/12/Replac. Improv. of Sewerage System at Thana Nawa Kot to Shah Milk Shop Sodiwal in Gulshan-e- Ravi Sub Division, WASA, LDA, (UC-94, PP-151, NA-126) Lahore.

Our Ref. No. CL/CED/ 9878 Dated: 18-02-20

Your Ref. No. QCD/216-17 Dated: 25-01-20

COMPRESSION TEST REPORT

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

Specimens received on: 03-02-20 Tested on: 18-02-20 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	GR		8.8x4.4x2.9	3184	38.72	36	2090	
2	GR		8.8x4.4x2.9	3190	38.72	28	1620	
3	GR		8.8x4.4x2.9	3174	38.72	39	2260	
4	GR		8.7x4.3x2.8	3189	37.41	20	1200	
5	GR		8.8x4.4x2.9	3197	38.72	35	2030	
6	GR		8.8x4.4x2.9	3199	38.72	20	1160	
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supervisor(lab)

Director/Dy. Director Concrete Laboratory



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Phone Nos. 042-99029202, 042-99029217

9870

To: (Rana Aadil Farooq), Deputy Director (QCD).

Dr. Umbreen

WASA, LDA, Lahore. (M/s. Saur Construction Co.).

Project: Tender No. XEN (O&M-II)NT/2019-20/51/8598-5903 for Replac. / Improv. of Sewerage System at Different Streets of UC-224 in Township Sub Division, WASA, LDA, Lahore.

Our Ref. No. CL/CED/ 9880 Dated: 18-02-20

Your Ref. No. QCD/199-200 Dated: 25-01-20

COMPRESSION TEST REPORT

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

Specimens received on: 29-01-20 Tested on: 17-02-20 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	333		8.8x4.3x2.9	3310	37.84	47	2790	
2	333		8.8x4.3x2.9	3304	37.84	43	2550	
3	333		8.8x4.4x2.9	3321	38.72	43	2490	
4	333		8.7x4.3x2.8	3294	37.41	41	2460	
5	333		8.8x4.3x2.9	3319	37.84	43	2550	
6	333		8.8x4.3x2.9	3299	37.84	43	2550	
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Plain and Reinforced Concrete Laboratory

Department of Civil Engineering

University of Engineering and Technology, Lahore

Phone Nos. 042-99029202, 042-99029217

9885

Dr. Umbreen

To: (Rana Aadil Farooq), Deputy Director (QCD).

WASA, LDA, Lahore. (M/s. Malik SA Habaz Enterprises).

Project: Tender No. XEN (O&M-II)GBT/2019-20/17/ Improv. / Replac. of Water Supply and Sewerage System in the Area of Jafria Colony Rab Rab Colony and Ghousia Park in Gulshan-e-Ravi Sub Division, WASA, LDA.

Our Ref. No. CL/CED/ 9881 Dated: 18-02-20

Your Ref. No. QCD/218-19 Dated: 25-01-20

COMPRESSION TEST REPORT

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

Specimens received on: 31-01-20 Tested on: 17-02-20 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	ADS		8.8x4.4x2.9	3305	38.72	43	2490	
2	ADS		8.8x4.4x2.9	3331	38.72	41	2380	
3	ADS		8.8x4.4x2.9	3319	38.72	49	2840	
4	ADS		8.7x4.3x2.8	3298	37.41	45	2700	
5	ADS		8.8x4.4x2.9	3334	38.72	37	2140	
6	ADS		8.7x4.3x2.9	3301	37.41	47	2820	
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Department of Civil Engineering
University of Engineering and Technology, Lahore
Phone Nos. 042-99029202, 042-99029217

9885

Dr. Umbreen

To: (Rana Aadil Farooq), Deputy Director (QCD).

WASA, LDA, Lahore. (M/s. Malik SA Habaz Enterprises).

Project: Tender No. XEN (O&M-II)GBT/2019-20/18/ Improv. / Replac. of Water Supply and Sewerage System in the Area of Jafria Colony Rab Rab Colony and Ghousia Park in Gulshan-e-Ravi Sub Division, WASA, LDA.

Our Ref. No. CL/CED/ 9882 Dated: 18-02-20

Your Ref. No. QCD/212-13 Dated: 25-01-20

COMPRESSION TEST REPORT

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

Specimens received on: 31-01-20 Tested on: 17-02-20 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	ADS		8.8x4.4x2.9	3354	38.72	41	2380	
2	ADS		8.7x4.3x2.8	3356	37.41	47	2820	
3	ADS		8.8x4.4x2.9	3340	38.72	47	2720	
4	ADS		8.8x4.4x2.9	3361	38.72	23	1340	
5	ADS		8.7x4.3x2.9	3350	37.41	43	2580	
6	ADS		8.8x4.4x2.9	3351	38.72	43	2490	
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Department of Civil Engineering

University of Engineering and Technology, Lahore

Phone Nos. 042-99029202, 042-99029217

9896

Dr. Umbreen

To: (M. Irfan Asif)
For Chez Tax (Pvt) Ltd. 16.5 Km, Sheikhpura Road, Lahore.
Project: Ware House Multan.

Our Ref. No. CL/CED/ 9883 Dated: 18-02-20

Your Ref. No. Nil Dated: 03-02-20

COMPRESSION TEST REPORT

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

Specimens received on: 03-02-20 Tested on: 17-02-20 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	M*H		8.9x4.3x2.7	2675	38.27	45	2640	
2	M*H		8.9x4.3x2.8	2790	38.27	39	2290	
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9912

Dr. Umbreen

To: **Khalid Mahmood (Assistant Engineer)**

University of Okara

Project: Construction of Motorcycle and Staff Car Parking at University of Okara

Our Ref. No. CL/CED/

9884

Dated:

18-02-20

Your Ref. No.

Engg.Cell/UO/697

Dated:

06-02-20

COMPRESSION TEST REPORT

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

Specimens received on: 07-02-20 Tested on: 17-02-20 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	7UP		8.4x4.1x3.0	2945	34.44	35	2280	
2	7UP		8.4x4.1x3.0	2951	34.44	39	2540	
3	7UP		8.5x4.2x3.0	2924	35.7	37	2330	
4	7UP		8.5x4.3x2.9	2971	36.55	37	2270	
5	7UP		8.4x4.1x2.9	2984	34.44	49	3190	
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Results can also be seen on website http://www.uet.edu.pk/faculties/facultiesinfo/departments?RID=testing_reports&id=6

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supervisor(lab)

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9960

Dr. Umbreen

To: RFA Construction Company
Main Ferozpur Road, Lahore
Project: DOL HP Capacity Enhancement (Strong Ready Mix, Lahore)

Our Ref. No. CL/CED/ 9885 Dated: 18-02-20

Your Ref. No. Nil Dated: 17-02-20

COMPRESSION TEST REPORT

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

Specimens received on: 17-02-20 Tested on: 18-02-20 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	4000 Psi	11	2	2020	6Diax12	14.2	28.28	49	3890	Non Engraved
2	4000 Psi	11	2	2020	6Diax12	14.6	28.28	53	4200	Non Engraved
3	4000 Psi	11	2	2020	6Diax12	14.4	28.28	53	4200	Non Engraved
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Director/Dy. Director Concrete Laboratory