



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

415

To: Mr. Abdul Waheed

Dr. Umbreen

Petrocon (Pvt.) Ltd. Lahore

Project: (P-301) Euro Oil Terminal Extension Sahiwal, "PMG Tank Ring Wall" (3002-CIV-DT-002)

Our Ref. No. CL/CED/

1656

Dated:

14-01-21

Your Ref. No.

Nil

Dated:

05-01-21

COMPRESSION TEST REPORT

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

Specimens received on: 11-01-21 Tested on: 13-01-21 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	3000 Psi	29	12	2020	6Diax12	14	28.28	63	4990	Non Engraved
2	3000 Psi	29	12	2020	6Diax12	14.2	28.28	73	5790	Non Engraved
3	3000 Psi	29	12	2020	6Diax12	14	28.28	67	5310	Non Engraved
4										
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Results can also be seen on website http://www.uet.edu.pk/faculties/facultiesinfo/departament?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

450

To: Hassan Khan Sherwani (Provincial Construction Supervision Manager)

Engr. Ubaid

Humqadam SCRP (M/S Oriental Quality Engineers)

Project: Humqadam - School Construction and Rehabilitation Programme (GPS Tej Gath & CDGHS Engine Shed)

Our Ref. No. CL/CED/

1657

Dated:

14-01-21

Your Ref. No.

IMC-LHR -SCRIP-2020/
Material Testing/LHR-4

Dated:

08-01-21

COMPRESSION TEST REPORT

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

Specimens received on:

13-01-21

Tested on:

14-01-21

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		31	12	20	6Diax12	13	28.28	46	3650	Non Engraved
2		31	12	20	6Diax12	13.4	28.28	49	3890	Non Engraved
3		31	12	20	6Diax12	13	28.28	49	3890	Non Engraved
4										
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416

Dr. Umbreen

To: **Sub Divisional Officer**

Buildings Construction Sub Division No.2, Lahore

Project: Construction of Boundary Wall Proper Sewerage System at Emergency Services Station and Civil Defence Colony Thokar Niaz Baig Lahore

Our Ref. No. CL/CED/ 1658 Dated: 14-01-21

Your Ref. No. 2643/2nd Dated: 22-12-20

COMPRESSION TEST REPORT

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

Specimens received on: 11-01-21 Tested on: 13-01-21 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	Rectangular Grey		7.7x3.8x2.3	2276	29.26	65	4980	
2	Rectangular Grey		7.7x3.8x2.3	2312	29.26	130	9960	
3	Rectangular Grey		7.7x3.8x2.3	2221	29.26	57	4370	
4	Rectangular Grey		7.7x3.8x2.3	2226	29.26	49	3760	
5	Rectangular Grey		7.7x3.8x2.3	2311	29.26	61	4670	
6	Rectangular Grey		7.7x3.8x2.3	2327	29.26	59	4520	
7	Rectangular Grey		7.7x3.8x2.3	2242	29.26	47	3600	
8	Rectangular Grey		7.7x3.8x2.3	2658	29.26	83	6360	
9	Rectangular Red		7.7x3.8x2.3	2384	29.26	57	4370	
10	Rectangular Red		7.7x3.8x2.3	2243	29.26	53	4060	
11	Rectangular Red		7.7x3.8x2.3	2394	29.26	47	3600	
12	Rectangular Red		7.7x3.8x2.3	2510	29.26	61	4670	
13	Rectangular Red		7.7x3.8x2.3	2561	29.26	94	7200	
14	Rectangular Red		7.7x3.8x2.3	2451	29.26	51	3910	
15	Rectangular Red		7.7x3.8x2.3	2489	29.26	49	3760	
16	Rectangular Red		7.7x3.8x2.3	2340	29.26	45	3450	

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

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supervisor(lab)

Director/Dy. Director Concrete Laboratory



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Phone Nos. 042-99029202, 042-99029217

421
Dr. Umbreen

To: Mr. Khalid Bashir
Ittefaq Building Solutions (Pvt.) Ltd. Lahore
Project: Raft of McDonalds Restaurant DHA-Rahber, Lahore

Our Ref. No. CL/CED/ 1659 Dated: 14-01-21

Your Ref. No. IBS/MSDR/CT01 Dated: 11-01-21

COMPRESSION TEST REPORT

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

Specimens received on: 11-01-21 Tested on: 13-01-21 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	3000 Psi	29	12	2020	6Diax12	14	28.28	83	6580	Non Engraved
2	3000 Psi	29	12	2020	6Diax12	13.8	28.28	63	4990	Non Engraved
3										
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421

Dr. Umbreen

To: Mr. Khalid Bashir
Ittefaq Building Solutions (Pvt.) Ltd. Lahore
Project: Columns of McDonalds Restaurant DHA-Rahber, Lahore

Our Ref. No. CL/CED/ 1660 Dated: 14-01-21

Your Ref. No. IBS/MSDR/CT02 Dated: 11-01-21

COMPRESSION TEST REPORT

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

Specimens received on: 11-01-21 Tested on: 13-01-21 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
		Month	Day	Year						
1	4000 Psi	6	1	2021	6Diax12	13.8	28.28	43	3410	Non Engraved
2	4000 Psi	6	1	2021	6Diax12	14	28.28	54	4280	Non Engraved
3										
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424

Dr. Umbreen

To: Flight Lieutenant Adal Imtiaz (Assistant Director)
Fazaia Housing Scheme Phase-II Sharif City Road, Lahore
Project: Central Mosque at Fazaia Housing Scheme Phase-II, Lahore

Our Ref. No. CL/CED/ 1661 Dated: 14-01-21

Your Ref. No. FHSL-II/5811/1/Org(CA-12) Dated: 06-01-21

COMPRESSION TEST REPORT

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

Specimens received on: 11-01-21 Tested on: 13-01-21 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
		Month	Day	Year						
1	Plinth Beam (PB-1) Class-B	19	12	2020	6Diax12	13	28.28	71	5630	Engraved
2	Plinth Beam (PB-1) Class-B	19	12	2020	6Diax12	13.4	28.28	79	6260	Engraved
3	Plinth Beam (PB-2) Class-B	21	12	2020	6Diax12	13.8	28.28	43	3410	Engraved
4	Plinth Beam (PB-2) Class-B	21	12	2020	6Diax12	13.6	28.28	57	4520	Engraved
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Phone Nos. 042-99029202, 042-99029217

424

Dr. Umbreen

To: Flight Lieutenant Adal Imtiaz (Assistant Director)
Fazaia Housing Scheme Phase-II Sharif City Road, Lahore
Project: Central Mosque at Fazaia Housing Scheme Phase-II, Lahore

Our Ref. No. CL/CED/ 1662 Dated: 14-01-21

Your Ref. No. FHSL-II/5811/1/Org(CA-12) Dated: 30-12-20

COMPRESSION TEST REPORT

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

Specimens received on: 11-01-21 Tested on: 13-01-21 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	RCC Wall above G.L (Class-A)	15	12	2020	6Diax12	13.2	28.28	67	5310	Engraved
2	RCC Wall above G.L (Class-A)	15	12	2020	6Diax12	13.4	28.28	65	5150	Engraved
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4										
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Director/Dy. Director Concrete Laboratory



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Phone Nos. 042-99029202, 042-99029217

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Dr. Umbreen

To: Mr. Muhammad Aslam (Manager C, R & M)
Allied Bank Limited, Engineering Cell, South-II, Multan
Project: Construction of Industrial Area Rahim Yar Khan (0333)

Our Ref. No. CL/CED/ 1663 Dated: 14-01-21

Your Ref. No. GHQ/S2/CRM/MA/2020/486 Dated: 24-12-20

COMPRESSION TEST REPORT

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

Specimens received on: 11-01-21 Tested on: 13-01-21 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	2nd Floor Slab	19	11	2020	6Diax12	13.8	28.28	37	2940	Engraved
2	2nd Floor Slab	19	11	2020	6Diax12	13.2	28.28	43	3410	Engraved
3	2nd Floor Slab	19	11	2020	6Diax12	13.6	28.28	45	3570	Engraved
4	2nd Floor Column	2	11	2020	6Diax12	13	28.28	39	3090	Engraved
5	2nd Floor Column	2	11	2020	6Diax12	13.2	28.28	33	2620	Engraved
6	2nd Floor Column	2	11	2020	6Diax12	13.4	28.28	39	3090	Engraved
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431

Dr. Umbreen

To: Hafiz Ozair Ahmad (Deputy Director QCD)**WASA, LDA, Lahore (M/s Stallion Constructions Pvt. Ltd.)****Project: Tender No. P&S/25.01/6183 Replacement of Outlived Trunk Sewer From Sadiq Chowk to Muslim Chowk Near C-II Disposal Station UC-236 in Green Town Sub Division Wasa, Lda, Lhr.**

Our Ref. No. CL/CED/ 1664 Dated: 14-01-21

Your Ref. No. QCD/97-99 Dated: 11-01-21

COMPRESSION TEST REPORT

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

Specimens received on: 11-01-21 Tested on: 13-01-21 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		3	12	2020	6Diax12	14	28.28	75	5950	Non Engraved
2		3	12	2020	6Diax12	14	28.28	73	5790	Non Engraved
3		3	12	2020	6Diax12	14	28.28	69	5470	Non Engraved
4										
5										
6										
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supervisor(lab)**Director/Dy. Director Concrete Laboratory**



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Phone Nos. 042-99029202, 042-99029217

To: **Mr. Furqan UI Haq (General Manager)**
AYQ Developers (Pvt.) Ltd. Lahore
Project: Union Complex

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Engr. Ubaid

Our Ref. No. CL/CED/ 1665 Dated: 14-01-21
Your Ref. No. Nil Dated: 12-01-21

COMPRESSION TEST REPORT

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

Specimens received on: 12-01-21 Tested on: 14-01-21 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		2	1	2021	6Diax12	14	28.28	39	3090	Engraved
2		2	1	2021	6Diax12	13.4	28.28	34	2700	Engraved
3		2	1	2021	6Diax12	13.8	28.28	37	2940	Engraved
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Director/Dy. Director Concrete Laboratory



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437

Engr. Ubaid

To: **Engr. Ammar Haider Shah (Project Engineer)**
Minhaj University, Lahore
Project: Minhaj University, Lahore

Our Ref. No. CL/CED/ 1666 Dated: 14-01-21

Your Ref. No. MUL/HB/003 Dated: 11-01-21

COMPRESSION TEST REPORT

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

Specimens received on: 12-01-21 Tested on: 14-01-21 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
		Month	Day	Year						
1	RCC Columns	24	12	2020	6Diax12	14.2	28.28	81	6420	Non Engraved
2	RCC Columns	25	12	2020	6Diax12	14	28.28	81	6420	Non Engraved
3	RCC Columns	26	12	2020	6Diax12	13.4	28.28	72	5710	Non Engraved
4	RCC Columns	27	12	2020	6Diax12	14	28.28	71	5630	Non Engraved
5	RCC Slab	20	12	2020	6Diax12	14	28.28	53	4200	Non Engraved
6	RCC Slab	20	12	2020	6Diax12	14.2	28.28	51	4040	Non Engraved
7	RCC Slab	20	12	2020	6Diax12	14	28.28	45	3570	Non Engraved
8	RCC Slab	20	12	2020	6Diax12	14	28.28	56	4440	Non Engraved
9	RCC Retaining Wall	8	12	2020	6Diax12	13.8	28.28	51	4040	Engraved
10	RCC Retaining Wall	8	12	2020	6Diax12	14	28.28	57	4520	Engraved
11	RCC Retaining Wall	8	12	2020	6Diax12	14.2	28.28	59	4680	Engraved
12	RCC Retaining Wall	8	12	2020	6Diax12	14	28.28	57	4520	Engraved
13										
14										
15										
16										

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Director/Dy. Director Concrete Laboratory



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440

Engr. Ubaid

To: **Engr. Kamran Khan (Resident Engineer)**

Raees Faheem Associates, Lahore

Project: Construction of Club House Building at DHA Bahawalpur (Banquet Hall)

Our Ref. No. CL/CED/ 1667 Dated: 14-01-21

Your Ref. No. RF/BQH/DHA/MT/16/20 Dated: 04-01-21

COMPRESSION TEST REPORT

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

Specimens received on: 12-01-21 Tested on: 14-01-21 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
		Month	Day	Year						
1	(C.R 435) 3000 Psi	8	12	2020	6Diax12	13.2	28.28	59	4680	Non Engraved
2	(C.R 435) 3000 Psi	8	12	2020	6Diax12	13.2	28.28	69	5470	Non Engraved
3	(C.R 435) 3000 Psi	8	12	2020	6Diax12	13.4	28.28	71	5630	Non Engraved
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Results can also be seen on website http://www.uet.edu.pk/faculties/facultiesinfo/departement?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

440

Engr. Ubaid

To: **Engr. Kamran Khan (Resident Engineer)**

Raees Faheem Associates, Lahore

Project: Construction of Club House Building at DHA Bahawalpur (Banquet Hall)

Our Ref. No. CL/CED/ 1668 Dated: 14-01-21

Your Ref. No. RF/BQH/DHA/MT/17/20 Dated: 04-01-21

COMPRESSION TEST REPORT

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

Specimens received on: 12-01-21 Tested on: 14-01-21 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	(C.R 439) 4000 Psi	11	12	2020	6Diax12	13.4	28.28	81	6420	Non Engraved
2	(C.R 439) 4000 Psi	11	12	2020	6Diax12	13.4	28.28	85	6740	Non Engraved
3	(C.R 439) 4000 Psi	11	12	2020	6Diax12	13.8	28.28	74	5870	Non Engraved
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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" diax12" 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

441

Engr. Ubaid

To: Mr. Naeem Yousaf (Resident Engineer)
Nespak (Pvt.) Ltd. Lahore
Project: Construction of DHA Office Complex, DHA Bahawalpur

Our Ref. No. CL/CED/ 1669 Dated: 14-01-21

Your Ref. No. 4401/DHA/NY/05/39 Dated: 11-01-21

COMPRESSION TEST REPORT

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

Specimens received on: 12-01-21 Tested on: 14-01-21 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	RCC Roof Slab 1st Floor	5	1	2021	6Diax12	13.4	28.28	71	5630	Non Engraved
2	RCC Roof Slab 1st Floor	5	1	2021	6Diax12	13.4	28.28	51	4040	Non Engraved
3	RCC Roof Slab 1st Floor	5	1	2021	6Diax12	13.4	28.28	66	5230	Non Engraved
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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

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**** 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

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

442

To: **Engr. Muhammad Nadeem (Assistant Resident Engineer)**

Engr. Ubaid

M/s AR Engineers

Project: Construction of Jewel-1 Apartment Plaza at Gulberg-3, Lahore (Basement Slab)

Our Ref. No. CL/CED/

1670

Dated:

14-01-21

Your Ref. No.

ARST-007

Dated:

12-01-21

COMPRESSION TEST REPORT

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

Specimens received on:

12-01-21

Tested on:

14-01-21

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	BS-01	27	11	2020	6Diax12	14.2	28.28	59	4680	Non Engraved
2	BS-02	27	11	2020	6Diax12	14.2	28.28	57	4520	Non Engraved
3	BS-03	27	11	2020	6Diax12	14.4	28.28	40	3170	Non Engraved
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Results can also be seen on website http://www.uet.edu.pk/faculties/facultiesinfo/departament?RID=testing_reports&id=6

* as engraved on the specimens (if any)

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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

426

Dr. Umbreen

To: **Sub Divisional Officer**

Maintenance Sub Division No.2, GOR-III, Lahore

Project: Construction of Multi-Storey Flats/Suites for Officers of P&D and S&GD in GOR-III, Shadman, Lahore

Our Ref. No. CL/CED/ 1671 Dated: 14-01-21

Your Ref. No. 335-Sd/|GOR-III,Lhr Dated: 11-01-21

COMPRESSION TEST REPORT

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

Specimens received on: 11-01-21 Tested on: 13-01-21 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		10	12	2020	6x6x6	8.8	36	108	6720	Engraved
2		10	12	2020	6x6x6	8.8	36	106	6600	Engraved
3		10	12	2020	6x6x6	9	36	112	6970	Engraved
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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)

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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

429

Dr. Umbreen

To: Mr. Ali Basharat (Principle Architect)
Design Line Construction, Lahore Cantt.
Project: Construction of House 118-B, Model Town, Lahore

Our Ref. No. CL/CED/ 1672 Dated: 14-01-21

Your Ref. No. Nil Dated: 11-01-21

COMPRESSION TEST REPORT

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

Specimens received on: 11-01-21 Tested on: 13-01-21 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
		Month	Day	Year						
1		29	12	2020	6x6x6	8.6	36	43	2680	Non Engraved
2		29	12	2020	6x6x6	8.8	36	43	2680	Non Engraved
3		29	12	2020	6x6x6	9	36	75	4670	Non Engraved
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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)

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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" 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

429

Dr. Umbreen

To: Mr. Ali Basharat (Principle Architect)
Design Line Construction, Lahore Cantt.
Project: Construction of House 118-B, Model Town, Lahore

Our Ref. No. CL/CED/ 1673 Dated: 14-01-21

Your Ref. No. Nil Dated: 11-01-21

COMPRESSION TEST REPORT

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

Specimens received on: 11-01-21 Tested on: 13-01-21 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
		Month	Day	Year						
1		9	12	2020	6x6x6	9	36	47	2930	Non Engraved
2		9	12	2020	6x6x6	9	36	57	3550	Non Engraved
3		9	12	2020	6x6x6	9	36	63	3920	Non Engraved
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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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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

435

Dr. Umbreen

To: Major Munazzam Sajjad (Head of Administration)
Imran Construction Company, Multan
Project: Naubahar Bottling Company (Pvt.) Ltd. Gujranwala

Our Ref. No. CL/CED/ 1674 Dated: 14-01-21

Your Ref. No. Nil Dated: 12-01-21

COMPRESSION TEST REPORT

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

Specimens received on: 12-01-21 Tested on: 13-01-21 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
		Month	Day	Year						
1	Wall W-4	30	12	2020	6x6x6	8.6	36	110	6850	Non Engraved
2	Wall W-4	30	12	2020	6x6x6	8.8	36	108	6720	Non Engraved
3	Wall W-4	30	12	2020	6x6x6	9	36	112	6970	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

* as engraved on the specimens (if any)

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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

436

To: **Mr. Mohsin Zafar**

Dr. Mazhar Saleem

Eastern Dairies (Pvt.) Ltd. Lahore

Project: Eastern Dairies (Pvt.) Ltd. 2.5-K.M Raiwind Manga Road, Raiwind (Maize Silo Construction)

Our Ref. No. CL/CED/ 1675 Dated: 14-01-21

Your Ref. No. H:USR/C-A-1/EDL-P/017 Dated: 12-01-21

COMPRESSION TEST REPORT

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

Specimens received on: 12-01-21 Tested on: 13-01-21 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	C	13	12	2020	6x6x6	9	36	90	5600	Engraved
2										
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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)

Director/Dy. Director Concrete Laboratory