



# Plain and Reinforced Concrete Laboratory

## Department of Civil Engineering

University of Engineering and Technology, Lahore

Phone Nos. 042-99029202, 042-99029217

9776

To: **Waqas Zafar, Project Director**  
**Peach Club, College Road, Kohinoor City, Faisalabad.**  
**Project: (THE QUBE)**

Engr. A. Rehman

Our Ref. No. CL/CED/ 9668 Dated: 13-01-20

Your Ref. No. Nil Dated: 06-01-20

## COMPRESSION TEST REPORT

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

Specimens received on: 08-01-20 Tested on: 09-01-20 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	2nd. F.Sill + Beams Opening	30	12	2019	6Diax12	13.8	28.28	63	4990	Non Engraved
2	2nd. F.Sill + Beams Opening	30	12	2019	6Diax12	14	28.28	75	5950	Non Engraved
3	2nd. F.Sill + Beams Opening	30	12	2019	6Diax12	14	28.28	70	5550	Non Engraved
4	Slab Mezn. Q-S-4-5	8	12	2019	6Diax12	14.1	28.28	54	4280	Non Engraved
5	Slab Mezn. Q-S-4-5	8	12	2019	6Diax12	14	28.28	57	4520	Non Engraved
6	Slab Mezn. Q-S-4-5	8	12	2019	6Diax12	14.1	28.28	52	4120	Non Engraved
7	Slab 1st.F P-Q-1-2	5	12	2019	6Diax12	14	28.28	45	3570	Non Engraved
8	Slab 1st.F P-Q-1-2	5	12	2019	6Diax12	14	28.28	45	3570	Non Engraved
9	Slab 1st.F P-Q-1-2	5	12	2019	6Diax12	13.8	28.28	46	3650	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](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



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9780

To: **M. Sohail Anjum, Project Manager**  
**Multistorey Offices. P-156 Gulberg II Lahore.**  
**Project: Construction of P-156 Gulberg II, Lahore.**

Engr. A. Rehman

Our Ref. No. CL/CED/ 9669 Dated: 13-01-20

Your Ref. No. P-156-053 Dated: 08-01-20

## COMPRESSION TEST REPORT

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

Specimens received on: 08-01-20 Tested on: 09-01-20 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	169 (3750 Psi)	11	12	2019	6Diax12	14	28.28	46	3650	Non Engraved
2	171 (3750 Psi)	11	12	2019	6Diax12	14.4	28.28	62	4920	Non Engraved
3	170 (3750 Psi)	11	12	2019	6Diax12	14.2	28.28	54	4280	Non Engraved
4	160 (3750 Psi)	10	12	2019	6Diax12	14.2	28.28	56	4440	Non Engraved
5	162 (3750 Psi)	10	12	2019	6Diax12	14.4	28.28	55	4360	Non Engraved
6	161 (3750 Psi)	10	12	2019	6Diax12	14	28.28	41	3250	Non Engraved
7	203 (3750 Psi)	1	1	2020	6Diax12	14.2	28.28	32	2540	Non Engraved
8	204 (3750 Psi)	1	1	2020	6Diax12	14.4	28.28	61	4840	Non Engraved
9	205 (3750 Psi)	1	1	2020	6Diax12	14	28.28	32	2540	Non Engraved
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supervisor(lab)

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9781

Dr. Umbreen

To: **Asghar Ali, QA & QC Manager, DRSCON Engg. Pvt. Ltd.**

**PARCO REVAMP & TA-04. (DESCON Engineering Limited).**

**Project: PARCO REVAMP & TA-04. Refractory Material for 110 H 1 Stack.(Dried at 110 Degree for 12 Hours.)**

Our Ref. No. CL/CED/ 9670 Dated: 13-01-20

Your Ref. No. DEL-UET-05 Dated: 09-01-20

## COMPRESSION TEST REPORT

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

Specimens received on: 09-01-20 Tested on: 10-01-20 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	Sample-B		2x2x2	440	4	20	11020	Refractory Cube
2	Sample-B		2x2x2	430	4	22	12130	Refractory Cube
3	Sample-B		2x2x2	396	4	17	9370	Refractory Cube
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9781

Dr. Umbreen

To: **Asghar Ali, QA & QC Manager, DRSCON Engg. Pvt. Ltd.**

**PARCO REVAMP & TA-04. (DESCON Engineering Limited).**

**Project: PARCO REVAMP & TA-04. Refractory Material for 110 H 1 Stack.(Dried at 110 Degree for 12 Hours.)**

Our Ref. No. CL/CED/ 9671 Dated: 13-01-20

Your Ref. No. DEL-UET-04 Dated: 09-01-20

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1	Sample-A		2x2x2	435	4	15.5	8550	Refractory Cube
2	Sample-A		2x2x2	432	4	23	12680	Refractory Cube
3	Sample-A		2x2x2	437	4	17.5	9650	Refractory Cube
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