



Plain and Reinforced Concrete Laboratory

Department of Civil Engineering

University of Engineering and Technology, Lahore

Phone Nos. 042-99029202, 042-99029217

7866

Dr. Umbreen

To: Ch. Liaqat Ali (Resident Engineer)

G3 Engineering Consultants Pvt. Ltd.

Project: (Grp-2) Constt. of Missing Specialities for Upgradation of DHQ Hospital to Teaching Hospital Gujranwala

Our Ref. No. CL/CED/

6963

Dated:

11-01-19

Your Ref. No.

G3/205/1087

Dated:

04-01-19

COMPRESSION TEST REPORT

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

Specimens received on: 07-01-19 Tested on: 09-01-19 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	3rd Floor Slab	29	11	2018	6Diax12	13.6	28.28	69	5470	Engraved
2	3rd Floor Slab	29	11	2018	6Diax12	13.6	28.28	69	5470	Engraved
End	---	---	---	---	---	---	---	---	---	---
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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

7868
Dr. Umbreen

To: **Rashid Ali**
Anjum Hafeez Construction Company, Lahore
Project:Kips School PG-1

Our Ref. No. CL/CED/ 6964 Dated: 11-01-19

Your Ref. No. Nil Dated: 07-01-19

COMPRESSION TEST REPORT

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

Specimens received on: 07-01-19 Tested on: 09-01-19 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		6	12	2018	6Diax12	14	28.28	71	5630	Non Engraved
2		6	12	2018	6Diax12	14	28.28	63	5000	Non Engraved
3		6	12	2018	6Diax12	14	28.28	69	5470	Non Engraved
4		27	12	2018	6Diax12	13.8	28.28	57	4520	Engraved
5		27	12	2018	6Diax12	13.4	28.28	49	3890	Engraved
6		27	12	2018	6Diax12	13.4	28.28	41	3250	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

7873

Dr. Umbreen

To: **Abid Sultan (The Admin Manager)**

Variant, 25-t Gulberg 2, Lahore

Project: Columns A3, C2, B4, D3, SH D3, D5, SH D6 / Grids (A to E, Line 2 to 6)

Our Ref. No. CL/CED/

6965

Dated:

11-01-19

Your Ref. No.

VA/23/92

Dated:

07-01-19

COMPRESSION TEST REPORT

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

Specimens received on:

07-01-19

Tested on:

10-01-19

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		12	12	2018	6Diax12	14	28.28	86	6820	Non Engraved
2		12	12	2018	6Diax12	13.8	28.28	122	9670	Non Engraved
3		12	12	2018	6Diax12	13.8	28.28	104	8240	Non Engraved
End	---	---	---	---	---	---	---	---	---	---
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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)

** 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

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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

7873

Dr. Umbreen

To: **Abid Sultan (The Admin Manager)**

Variant, 25-t Gulberg 2, Lahore

Project: Columns G2, G3, H2, H3, Stair 2 Right Side / Grids (G to H, 2 to 3 Line, E to F, 5 to 6)

Our Ref. No. CL/CED/

6966

Dated:

11-01-19

Your Ref. No.

VA/23/90

Dated:

07-01-19

COMPRESSION TEST REPORT

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

Specimens received on:

07-01-19

Tested on:

10-01-19

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		10	12	2018	6Diax12	14	28.28	88	6980	Non Engraved
2		10	12	2018	6Diax12	13.6	28.28	104	8240	Non Engraved
3		10	12	2018	6Diax12	13.4	28.28	96	7610	Non Engraved
End	---	---	---	---	---	---	---	---	---	---
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* 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

7873

Dr. Umbreen

To: Abid Sultan (The Admin Manager)
Variant, 25-t Gulberg 2, Lahore
Project: Ground Floor Slab Pour 3 / Grids (A to G, 1 to 4 Line)

Our Ref. No. CL/CED/ 6967 Dated: 11-01-19

Your Ref. No. VA/23/88 Dated: 07-01-19

COMPRESSION TEST REPORT

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

Specimens received on: 07-01-19 Tested on: 10-01-19 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		7	12	2018	6Diax12	13.4	28.28	81	6420	Non Engraved
2		7	12	2018	6Diax12	14.2	28.28	75	5950	Non Engraved
3		7	12	2018	6Diax12	13.4	28.28	59	4680	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

* 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

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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

7873

Dr. Umbreen

To: **Abid Sultan (The Admin Manager)**
Variant, 25-t Gulberg 2, Lahore
Project: Columns G7, G8, H6, H7, H8 / Grids (G to H, 6 to 8 Line)

Our Ref. No. CL/CED/ 6968 Dated: 11-01-19

Your Ref. No. VA/23/86 Dated: 02-01-19

COMPRESSION TEST REPORT

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

Specimens received on: 07-01-19 Tested on: 10-01-19 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		5	12	2018	6Diax12	13.8	28.28	96	7610	Non Engraved
2		5	12	2018	6Diax12	14	28.28	102	8080	Non Engraved
3		5	12	2018	6Diax12	14	28.28	53	4200	Non Engraved
End	---	---	---	---	---	---	---	---	---	---
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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

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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

7873

Dr. Umbreen

To: **Abid Sultan (The Admin Manager)**
Variant, 25-t Gulberg 2,
Lahore
Project: Columns G1, H1, / Grids (G to H, Line 1)

Our Ref. No. CL/CED/ 6969 Dated: 11-01-19

Your Ref. No. VA/23/91 Dated: 07-01-19

COMPRESSION TEST REPORT

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

Specimens received on: 07-01-19 Tested on: 10-01-19 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		11	12	2018	6Diax12	13.6	28.28	108	8560	Non Engraved
2		11	12	2018	6Diax12	13.8	28.28	106	8400	Non Engraved
3		11	12	2018	6Diax12	13.6	28.28	116	9190	Non Engraved
End	---	---	---	---	---	---	---	---	---	---
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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

7873
Dr. Umbreen

To: Abid Sultan (The Admin Manager)
Variant, 25-t Gulberg 2, Lahore
Project: Columns G4, G5, H4, H5, / Grids (G to H, 4 to 6 Line)

Our Ref. No. CL/CED/ 6970 Dated: 11-01-19
Your Ref. No. VA/23/89 Dated: 07-01-19

COMPRESSION TEST REPORT

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

Specimens received on: 07-01-19 Tested on: 10-01-19 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		8	12	2018	6Diax12	13.6	28.28	110	8720	Non Engraved
2		8	12	2018	6Diax12	14	28.28	120	9510	Non Engraved
3		8	12	2018	6Diax12	14	28.28	88	6980	Non Engraved
End	---	---	---	---	---	---	---	---	---	---
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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)

** 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

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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

7873
Dr. Umbreen

To: Abid Sultan (The Admin Manager)
Variant, 25-t Gulberg 2, Lahore
Project: Columns F5, F6, F7, F8, SH G8 / Grids (F to G, 6 to 8 Line)

Our Ref. No. CL/CED/ 6971 Dated: 11-01-19

Your Ref. No. VA/23/87 Dated: 02-01-19

COMPRESSION TEST REPORT

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

Specimens received on: 07-01-19 Tested on: 10-01-19 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		6	12	2018	6Diax12	14.2	28.28	86	6820	Non Engraved
2		6	12	2018	6Diax12	14	28.28	96	7610	Non Engraved
3		6	12	2018	6Diax12	13.4	28.28	114	9030	Non Engraved
End	---	---	---	---	---	---	---	---	---	---
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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

7873

Dr. Umbreen

To: Abid Sultan (The Admin Manager)
Variant, 25-t Gulberg 2, Lahore
Project: Ground Floor Slab Pour 2 / Grids (A to G, 2 to 6 Line)

Our Ref. No. CL/CED/ 6972 Dated: 11-01-19

Your Ref. No. VA/23/85 Dated: 02-01-19

COMPRESSION TEST REPORT

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

Specimens received on: 07-01-19 Tested on: 10-01-19 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		4	12	2018	6Diax12	13.8	28.28	77	6100	Non Engraved
2		4	12	2018	6Diax12	13.8	28.28	86	6820	Non Engraved
3		4	12	2018	6Diax12	13.8	28.28	73	5790	Non Engraved
End	---	---	---	---	---	---	---	---	---	---
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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

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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

7875

Dr. Umbreen

To: Engr. Muhammad Abdullah (Assistant Engineer)
B&W Department, UET
Lahore
Project: Construction Site of Extension of Admin Block in UET Lahore

Our Ref. No. CL/CED/ 6973 Dated: 11-01-19

Your Ref. No. B&W/AENC/645 Dated: 08-01-19

COMPRESSION TEST REPORT

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

Specimens received on: 08-01-19 Tested on: 10-01-19 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
		1	1	2019						
1	Columns	1	1	2019	6Diax12	13.4	28.28	88	6980	Non Engraved
2	Columns	1	1	2019	6Diax12	13.5	28.28	88	6980	Non Engraved
End	---	---	---	---	---	---	---	---	---	---
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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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*** 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

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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

7877

Dr. Umbreen

To: Abdul Ghafar
Suift Construction Company, Lahore
Project: AI-Falah Bank 107-Y Commercial Area

Our Ref. No. CL/CED/ 6974 Dated: 11-01-19

Your Ref. No. Nil Dated: 08-01-19

COMPRESSION TEST REPORT

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

Specimens received on: 08-01-19 Tested on: 10-01-19 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		23	11	2018	6Diax12	13	28.28	33	2620	Non Engraved
2		23	11	2018	6Diax12	13	28.28	29	2300	Non Engraved
End	---	---	---	---	---	---	---	---	---	---
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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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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

7900

Engr. Abdul Rehman

To: **Sub Divisional Officer (Auqaf)**
Data Darbar, Lahore

Project: Construction of Commercial Plaza Attached With Badshahi Masjid Lahore

Our Ref. No. CL/CED/ 6975 Dated: 11-01-19

Your Ref. No. SDO/A/DD/123 Dated: 02-01-19

COMPRESSION TEST REPORT

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

Specimens received on: 10-01-19 Tested on: 11-01-19 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	R C C (1 : 2 : 4)	26	8	2015	6x6x6	8.2	36	96	5980	Non Engraved
2	R C C (1 : 2 : 4)	16	9	2015	6x6x6	8.4	36	98	6100	Non Engraved
3	R C C (1 : 2 : 4)	2	11	2015	6x6x6	8.3	36	106	6600	Non Engraved
4	R C C (1 : 2 : 4)	30	11	2015	6x6x6	8.2	36	80	4980	Non Engraved
End	---	---	---	---	---	---	---	---	---	---
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										

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)

** 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

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supervisor(lab)

Director/Dy. Director Concrete Laboratory