



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

8918

To: (Engr. Muhammad Shah Zaib), Assistant Engineer
B&W Department UET, Lahore.
Project: Construction Site of Girls Hostel in UET, Lahore.

Dr. M. Yousaf

Our Ref. No. CL/CED/ 8612 Dated: 26-07-19

Your Ref. No. B&W/AENC/1011 Dated: 09-07-19

COMPRESSION TEST REPORT

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

Specimens received on: 15-07-19 Tested on: 25-07-19 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	1st Floor Slab	4	7	2019	6Diax12	13	28.28	85	6740	Engraved
2	1st Floor Slab	4	7	2019	6Diax12	13	28.28	80	6340	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

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

8920

Dr. M. Yousaf

To: **Mr. Shaizad Munir, Resident Engineer**

G3 Engineering Consultants (Pvt) Ltd. 57-M, Gulberg-III, Lahore.

Project: Consultancy Services for Design & Resident Type Supervision of the Scheme Construction of the Cantonment Board

Our Ref. No. CL/CED/ 8613 Dated: 26-07-19

Your Ref. No. G3/224/RE-37 Dated: 15-07-19

COMPRESSION TEST REPORT

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

Specimens received on: 15-07-19 Tested on: 25-07-19 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	Column Zone 3	12	6	2019	6Diax12	14.6	28.28	88	6980	Non Engraved
2	Column Zone 3	12	6	2019	6Diax12	14	28.28	58	4600	Non Engraved
3	Column Zone 3	12	6	2019	6Diax12	13.8	28.28	55	4360	Non Engraved
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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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Department of Civil Engineering
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Phone Nos. 042-99029202, 042-99029217

8921

To: **Mr. Muhammad Imtiaz, Project Manager**

Dr. M. Yousaf

A.S. Enterprises Engineers & Contractors. Main Shahrah-e-Karachi.

Project: Style Textile Mill. (Contractor, M/S AS Enterprises.), (Consultant: AA Associates)

Our Ref. No. CL/CED/ 8614 Dated: 26-07-19

Your Ref. No. USD/ASE/14 Dated: 15-07-19

COMPRESSION TEST REPORT

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

Specimens received on: 15-07-19 Tested on: 25-07-19 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	C30	17	6	2019	6x6x6	9	36	122	7600	Non Engraved
2	C30	17	6	2019	6x6x6	8.4	36	133	8280	Non Engraved
3	C30	17	6	2019	6x6x6	8.6	36	120	7470	Non Engraved
4	C20	17	6	2019	6x6x6	8.9	36	97	6040	Non Engraved
5	C20	17	6	2019	6x6x6	8.4	36	89	5540	Non Engraved
6	C20	17	6	2019	6x6x6	8.4	36	94	5850	Non Engraved
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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

8945

To: Hafiz Mahmood Ul Hassan, General Manager
D-Mix Concrete Products. PHA Phase-9, Lahore Cantt.
Project: Doctor Muhammad Ali Memorial Hospital.

Dr. M. Yousaf

Our Ref. No. CL/CED/ 8615 Dated: 26-07-19

Your Ref. No. Nil Dated: 17-07-19

COMPRESSION TEST REPORT

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

Specimens received on: 17-07-19 Tested on: 25-07-19 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	Slab	10	7	2019	6Diax12	13	28.28	45	3570	Non Engraved
2	Slab	10	7	2019	6Diax12	14	28.28	53	4200	Non Engraved
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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

8977 & 8991

Dr. M. Yousaf

To: **Mr. Atta Muhammad, Civil Engineer**
Bullehshah Packaging (Pvt) Ltd. Kasur.
Project: Nil

Our Ref. No. CL/CED/ 8616-1 of 2 Dated: 26-07-19

Your Ref. No. Nil Dated: 22-07-19

COMPRESSION TEST REPORT

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

Specimens received on: 24-07-19 Tested on: 25-07-19 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		2	6	2019	6x6x6	8.4	36	60	3740	Engraved
2		2	6	2019	6x6x6	8.6	36	53	3300	Engraved
3		3	6	2019	6x6x6	8.6	36	48	2990	Engraved
4		23	6	2019	6x6x6	8.4	36	53	3300	Engraved
5		23	6	2019	6x6x6	8.4	36	56	3490	Engraved
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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

8977 & 8991
Dr. M. Yousaf

To: Mr. Atta Muhammad, Civil Engineer
Bullehshah Packaging (Pvt) Ltd. Kasur.
Project: Nil

Our Ref. No. CL/CED/ 8616-2 of 2 Dated: 26-07-19

Your Ref. No. Nil Dated: 22-07-19

COMPRESSION TEST REPORT

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

Specimens received on: 24-07-19 Tested on: 25-07-19 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		29	5	2019	6Diax12	13.8	28.28	38	3010	Non Engraved
2		29	5	2019	6Diax12	14	28.28	48	3810	Non Engraved
3		29	5	2019	6Diax12	14	28.28	47	3730	Non Engraved
4		29	5	2019	6Diax12	14	28.28	48	3810	Non Engraved
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Department of Civil Engineering

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8933

Dr. M. Yousaf

To: **Furqan Ali Malik (Chief Resident Engineer, Package-I)**

CM Div., NESPAK (Pvt.) Ltd. Lahore. (M/s Kamal Developers)

Project: Constt. & Rehab. of at Grade Works Along Lahore Orange Line Metro Train Corridor Pkg-1 (Sec-II) from Coop Store to Bohar Wala Chowk.

Our Ref. No. CL/CED/ 8617 Dated: 26-07-19

Your Ref. No. 4042/13/FAM/Kerb-Stone-012 Dated: 01-07-19

COMPRESSION TEST REPORT

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

Specimens received on: 16-07-19 Tested on: 25-07-19 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	Kerb Stone				6x5.9x5.4	8	35.4	133	8420	Cut Cube
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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

8937
Dr. M. Yousaf

To: Muhammad Sohail Anjum (Project Manager)
P-156 Gulberg-II, Lahore
Project: Construction of P-156 Gulberg-II Lahore.

Our Ref. No. CL/CED/ 8618 Dated: 26-07-19

Your Ref. No. P-156-012 Dated: 16-07-19

COMPRESSION TEST REPORT

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

Specimens received on: 16-07-19 Tested on: 25-07-19 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	51 (4000 Psi)	12	7	2019	6Diax12	13.4	28.28	45	3570	Non Engraved
2	52 (4000 Psi)	12	7	2019	6Diax12	13.6	28.28	50	3970	Non Engraved
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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

8955

To: **Muhammad Sohail Anjum (Project Manager)**
P-156 Gulberg-II, Lahore
Project: Construction of P-156 Gulberg-II Lahore.

Dr. M. Yousaf

Our Ref. No. CL/CED/ 8619 Dated: 26-07-19

Your Ref. No. P-156-014 Dated: 19-07-19

COMPRESSION TEST REPORT

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

Specimens received on: 19-07-19 Tested on: 25-07-19 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	9 (4000 Psi)	24	6	2019	6Diax12	14.2	28.28	73	5790	Non Engraved
2	10 (4000 Psi)	24	6	2019	6Diax12	14.4	28.28	77	6100	Non Engraved
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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

8956

Dr. M. Yousaf

To: Muhammad Sohail Anjum (Project Manager)
P-156 Gulberg-II, Lahore
Project: Construction of P-156 Gulberg-II Lahore.

Our Ref. No. CL/CED/ 8620 Dated: 26-07-19

Your Ref. No. P-156-015 Dated: 19-07-19

COMPRESSION TEST REPORT

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

Specimens received on: 19-07-19 Tested on: 25-07-19 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	55 (4000 Psi)	14	7	2019	6Diax12	14	28.28	48	3810	Non Engraved
2	56 (4000 Psi)	14	7	2019	6Diax12	14	28.28	50	3970	Non Engraved
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Department of Civil Engineering
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8943

To: **Arfan ul Haq, RE, NESPAK Pvt. Ltd. Highways and Transportation Enggg. Section, Islamabad.** Dr. M. Yousaf
Kerb Stone, Manufactured by Universal Cotex at RD 42+00
Project: (CPEC), West. Route Hakla (on M1)~Yarak (D.I. Khan) Motorway, Pack.-3 (Tarap to Kot Balian)

Our Ref. No. CL/CED/ 8621 Dated: 26-07-19

Your Ref. No. CPEC/NESPAK/PKG3/19/1035 Dated: 04-07-19

COMPRESSION TEST REPORT

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

Specimens received on: 17-07-19 Tested on: 25-07-19 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	Kerb Stone				6x6x6	8.2	36	90	5600	Cut Cube
2	Kerb Stone				6x6x6	8	36	52	3240	Cut Cube
3	Kerb Stone				6x6x6	8	36	65	4050	Cut Cube
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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

8963

Dr. M. Yousaf

To: **Ibna Al Aziz**

117 Ahmad Block, New Garden Town, Lahore.

Project: Fuad Sb Home 5 Marla House at Upper Mall Lahore.

Our Ref. No. CL/CED/

8622

Dated:

26-07-19

Your Ref. No.

Nil

Dated:

22-07-19

COMPRESSION TEST REPORT

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

Specimens received on: 22-07-19 Tested on: 25-07-19 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		31	5	2019	6Diax12	13	28.28	60	4760	Non Engraved
2		31	5	2019	6Diax12	13	28.28	57	4520	Non Engraved
3		31	5	2019	6Diax12	13	28.28	39	3090	Non Engraved
4		31	5	2019	6Diax12	13	28.28	32	2540	Non Engraved
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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

8964

Dr. M. Yousaf

To: **Ibna Al Aziz**

117 Ahmad Block, New Garden Town, Lahore.

Project: Fuad Sb Home 5 Marla House at Upper Mall Lahore.

Our Ref. No. CL/CED/ 8623 Dated: 26-07-19

Your Ref. No. Nil Dated: 22-07-19

COMPRESSION TEST REPORT

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

Specimens received on: 22-07-19 Tested on: 25-07-19 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		15	5	2019	6x6x6	8	36	53	3300	Non Engraved
2		15	5	2019	6x6x6	8	36	55	3430	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

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

8946

To: Mr. Ali Safdar, Site Engineer
Shelter Associates, Lahore Cantt. (M/s Asfar Builder-Lahore).
Project: House No. 232-233/C, TECH Society Lahore.

Dr. M. Yousaf

Our Ref. No. CL/CED/ 8624 Dated: 26-07-19

Your Ref. No. Gen/19/54 Dated: 17-07-19

COMPRESSION TEST REPORT

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

Specimens received on: 17-07-19 Tested on: 25-07-19 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	Pool Bed	13	6	2019	6x6x6	8.4	36	70	4360	Non Engraved
2	Pool Bed	13	6	2019	6x6x6	8.4	36	65	4050	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)

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**** 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

8949

To: **Sub Divisional Officer**

Dr. M. Yousaf

Buildings Sub Division No.15, Lahore.

Project: Construction of New Administration Block in the Premises of Lahore High Court Lahore.

Our Ref. No. CL/CED/ 8625 Dated: 26-07-19

Your Ref. No. 2376 Dated: 17-07-19

COMPRESSION TEST REPORT

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

Specimens received on: 18-07-19 Tested on: 25-07-19 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	Pile Work	3	7	2019	6x6x6	9	36	101	6290	Non Engraved
2	Pile Work	3	7	2019	6x6x6	9	36	110	6850	Non Engraved
3	Pile Work	3	7	2019	6x6x6	9	36	117	7280	Non Engraved
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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

8950

To: (Engr. Muhammad Nayab Khalid) Planning and Monitoring Engineer
Matrix Management (Pvt) Ltd. 116 C Model Town, Lahore.
Project: Construction of Ibraheem Industries, Lahore.

Dr. M. Yousaf

Our Ref. No. CL/CED/ 8626 Dated: 26-07-19

Your Ref. No. MW/MMPL-1/2019/11 Dated: 18-07-19

COMPRESSION TEST REPORT

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

Specimens received on: 18-07-19 Tested on: 25-07-19 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		3	7	2019	6Diax12	13.4	28.28	75	5950	Engraved
2		3	7	2019	6Diax12	13.2	28.28	73	5790	Engraved
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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

8954

To: **Mr. Irfan Haider, Project Manager**
Roots International Schools.

Dr. M. Yousaf

Project: Roots International School Palm Tree Campus Sialkot.

Our Ref. No. CL/CED/ 8627 Dated: 26-07-19

Your Ref. No. RIS/SB/SKT15072019 Dated: 15-07-19

COMPRESSION TEST REPORT

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

Specimens received on: 18-07-19 Tested on: 25-07-19 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	7	2019	6Diax12	14	28.28	38	3010	Non Engraved
2		7	7	2019	6Diax12	14	28.28	33	2620	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

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supervisor(lab)

Director/Dy. Director Concrete Laboratory