



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

9192

Dr. Usman Akmal

**To: (Muhammad Ali), Assistant Manager**  
**Design & Development NLC TBS (Pvt) Ltd.**  
**Project: NTBS Driver Emergency Rest Area Sahiwal.**

Our Ref. No. CL/CED/ 8929 Dated: 25-09-19

Your Ref. No. Nil Dated: 17-09-19

## COMPRESSION TEST REPORT

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

Specimens received on: 17-09-19 Tested on: 24-09-19 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	Uni-Block, Grey 80mm		2.9 thick	4194	37.25	73	4390	
2	Uni-Block, Grey 80mm		2.9 thick	4300	37.25	77	4630	
3	Uni-Block, Grey 80mm		2.9 thick	4227	37.25	69	4150	
4	Uni-Block, Grey 80mm		2.9 thick	4231	37.25	73	4390	
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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" 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

9168  
Dr. Aqsa

**To: M. K. Jamil, Principal Architect & CEO**  
**For Design Simulation.**  
**Project: RCC Blocks for HBL, Lake City.**

Our Ref. No. CL/CED/ 8930 Dated: 25-09-19  
Your Ref. No. Nil Dated: 03-09-19

## COMPRESSION TEST REPORT

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

Specimens received on: 11-09-19 Tested on: 24-09-19 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	Footing Block	4	5	2019	6x6x6	8.2	36	60	3740	Engraved
2	G.F. Column	31	5	2019	6x6x6	8.2	36	67	4170	Engraved
3	Slab Block	26	6	2019	6x6x6	8.4	36	68	4240	Non Engraved
4	F.F. Column	3	7	2019	6x6x6	8.4	36	68	4240	Engraved
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**supervisor(lab)**

**Director/Dy. Director Concrete Laboratory**



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Phone Nos. 042-99029202, 042-99029217

9171  
Dr. Aqsa

**To: Jawad Azeem**  
**For Albakio International Lahore-Karachi.**  
**Project: Nil**

Our Ref. No. CL/CED/ 8931 Dated: 25-09-19  
Your Ref. No. Nil Dated: 05-09-19

## COMPRESSION TEST REPORT

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

Specimens received on: 11-09-19 Tested on: 24-09-19 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	F/5 G/G	4	7	2019	6x6x6	8.6	36	93	5790	Non Engraved
2	F/5 G/5	4	7	2019	6x6x6	8.6	36	104	6480	Non Engraved
3	C/3 D/4	28	6	2019	6x6x6	8.8	36	104	6480	Non Engraved
4	C/3 D/4	28	6	2019	6x6x6	9	36	110	6850	Non Engraved
5	C/3 D/4	25	6	2019	6x6x6	8.6	36	74	4610	Engraved
6	C/3 D/4	25	6	2019	6x6x6	8.8	36	97	6040	Engraved
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8										
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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)

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**supervisor(lab)**

**Director/Dy. Director Concrete Laboratory**



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

9174

Dr. Aqsa

To: **Ch. Abdul Ghafoor, Resident Engineer**

**PEPAC W.W.C Adjacent to Sundar Industrial Estate Kasur.**

**Project: Establishment of W.W.C (Phase-1) Adjacent to Sundar Industrial Estate Kasur. High School 2 (2nd F. Slab A~H/1~14).**

Our Ref. No. CL/CED/ 8932 Dated: 25-09-19

Your Ref. No. RE/WWC-K/2019/99-00 Dated: 04-09-19

## COMPRESSION TEST REPORT

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

Specimens received on: 12-09-19 Tested on: 24-09-19 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	(1:2:4)	8	8	2019	6x6x6	8.8	36	95	5920	Non Engraved
2	(1:2:4)	8	8	2019	6x6x6	8.8	36	72	4480	Non Engraved
3	(1:2:4)	8	8	2019	6x6x6	9	36	98	6100	Non Engraved
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\* as engraved on the specimens (if any)

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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**



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

9180  
Dr. Aqsa

**To: Imran Akhtar, Project Manager**  
**CM Engineering (Pvt) Ltd.**  
**Project: Long Haul & Metro, Site ID-8637**

Our Ref. No. CL/CED/ 8933 Dated: 25-09-19  
Your Ref. No. CME/Cubes/Long Haul/526 Dated: 06-09-19

## COMPRESSION TEST REPORT

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

Specimens received on: 13-09-19 Tested on: 24-09-19 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	Roof Slab	9	8	2019	6x6x6	8.6	36	100	6230	Non Engraved
2	Roof Slab	9	8	2019	6x6x6	8.4	36	111	6910	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

9180  
Dr. Aqsa

To: **Imran Akhtar, Project Manager**  
**CM Engineering (Pvt) Ltd.**  
**Project: Long Haul & Metro, Site ID-4180.**

Our Ref. No. CL/CED/ 8934 Dated: 25-09-19  
Your Ref. No. CME/Cubes/Long Haul/520 Dated: 04-09-19

## COMPRESSION TEST REPORT

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

Specimens received on: 13-09-19 Tested on: 24-09-19 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
		7	8	2019						
1	Roof Slab	7	8	2019	6x6x6	8.4	36	124	7720	Non Engraved
2	Roof Slab	7	8	2019	6x6x6	8.2	36	100	6230	Non Engraved
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\* as engraved on the specimens (if any)

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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**



# Plain and Reinforced Concrete Laboratory

## Department of Civil Engineering

University of Engineering and Technology, Lahore

Phone Nos. 042-99029202, 042-99029217

9180

Dr. Aqsa

To: **Imran Akhtar, Project Manager**  
**CM Engineering (Pvt) Ltd.**  
**Project: Long Haul & Metro, Site ID-4180.**

Our Ref. No. CL/CED/ 8935 Dated: 25-09-19

Your Ref. No. CME/Cubes/Long Haul/519 Dated: 31-08-19

## COMPRESSION TEST REPORT

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

Specimens received on: 13-09-19 Tested on: 24-09-19 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	Plinth Beam	3	8	2019	6x6x6	8.2	36	110	6850	Non Engraved
2	Plinth Beam	3	8	2019	6x6x6	8.4	36	114	7100	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](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

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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

9180

Dr. Aqsa

To: **Imran Akhtar, Project Manager**  
**CM Engineering (Pvt) Ltd.**  
**Project: Long Haul & Metro, Site ID-8637.**

Our Ref. No. CL/CED/ 8936 Dated: 25-09-19

Your Ref. No. CME/Cubes/Long Haul/525 Dated: 01-09-19

## COMPRESSION TEST REPORT

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

Specimens received on: 13-09-19 Tested on: 24-09-19 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	Plinth Beam	4	8	2019	6x6x6	8.4	36	115	7160	Non Engraved
2	Plinth Beam	4	8	2019	6x6x6	8.6	36	101	6290	Non Engraved
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\* as engraved on the specimens (if any)

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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**





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

9180  
Dr. Aqsa

To: **Imran Akhtar, Project Manager**  
**CM Engineering (Pvt) Ltd.**  
**Project: Long Haul & Metro, Site ID-4898.**

Our Ref. No. CL/CED/ 8937 Dated: 25-09-19  
Your Ref. No. CME/Cubes/Long Haul/524 Dated: 31-08-19

## COMPRESSION TEST REPORT

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

Specimens received on: 13-09-19 Tested on: 24-09-19 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	Roof Slab	3	8	2019	6x6x6	8.4	36	89	5540	Non Engraved
2	Roof Slab	3	8	2019	6x6x6	8	36	122	7600	Non Engraved
3										
4										
5										
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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)

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**supervisor(lab)**

**Director/Dy. Director Concrete Laboratory**



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

9180  
Dr. Aqsa

To: **Imran Akhtar, Project Manager**  
**CM Engineering (Pvt) Ltd.**  
**Project: Long Haul & Metro, Site ID-4898.**

Our Ref. No. CL/CED/ 8938 Dated: 25-09-19

Your Ref. No. CME/Cubes/Long Haul/523 Dated: 23-08-19

## COMPRESSION TEST REPORT

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

Specimens received on: 13-09-19 Tested on: 24-09-19 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	Plinth Beam	26	7	2019	6x6x6	8.4	36	116	7220	Non Engraved
2	Plinth Beam	26	7	2019	6x6x6	8.4	36	106	6600	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

To: **Imran Akhtar, Project Manager**  
**CM Engineering (Pvt) Ltd.**  
**Project: Long Haul & Metro, Site ID-4442.**

9180  
Dr. Aqsa

Our Ref. No. CL/CED/ 8939 Dated: 25-09-19  
Your Ref. No. CME/Cubes/Long Haul/522 Dated: 06-09-19

## COMPRESSION TEST REPORT

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

Specimens received on: 13-09-19 Tested on: 24-09-19 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	Roof Slab	9	8	2019	6x6x6	8.4	36	101	6290	Non Engraved
2	Roof Slab	9	8	2019	6x6x6	8.2	36	103	6410	Non Engraved
3										
4										
5										
6										
7										
8										
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**supervisor(lab)**

**Director/Dy. Director Concrete Laboratory**



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Phone Nos. 042-99029202, 042-99029217

9180  
Dr. Aqsa

To: **Imran Akhtar, Project Manager**  
**CM Engineering (Pvt) Ltd.**  
**Project: Long Haul & Metro, Site ID-4442.**

Our Ref. No. CL/CED/ 8940 Dated: 25-09-19

Your Ref. No. CME/Cubes/Long Haul/521 Dated: 01-09-19

## COMPRESSION TEST REPORT

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

Specimens received on: 13-09-19 Tested on: 24-09-19 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	Plinth Beam	4	8	2019	6x6x6	8.4	36	101	6290	Non Engraved
2	Plinth Beam	4	8	2019	6x6x6	8.4	36	95	5920	Non Engraved
3										
4										
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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

9197  
Dr. Aqsa

To: **Imran Akhtar, Project Manager**  
**CM Engineering (Pvt) Ltd.**  
**Project: Edot Co. Site ID-LSMR06**

Our Ref. No. CL/CED/ 8941 Dated: 25-09-19  
Your Ref. No. CME/Cubes/Edot Co/528 Dated: 10-09-19

## COMPRESSION TEST REPORT

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

Specimens received on: 18-09-19 Tested on: 24-09-19 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	Pier Foundation	3	9	2019	6x6x6	8.4	36	100	6230	Non Engraved
2	Pier Foundation	3	9	2019	6x6x6	8.2	36	93	5790	Non Engraved
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\* 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

9197

Dr. Aqsa

To: **Imran Akhtar, Project Manager**  
**CM Engineering (Pvt) Ltd.**  
**Project: Long Haul & Metro, Site ID-4093**

Our Ref. No. CL/CED/ 8942 Dated: 25-09-19

Your Ref. No. CME/Cubes/Long Haul/527 Dated: 03-09-19

## COMPRESSION TEST REPORT

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

Specimens received on: 18-09-19 Tested on: 24-09-19 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	ODU PAD	6	8	2019	6x6x6	8.6	36	99	6160	Non Engraved
2	ODU PAD	6	8	2019	6x6x6	8.6	36	101	6290	Non Engraved
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\* 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

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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

9199

Dr. Aqsa

To: (Sh. Mohammad Tariq), Resident Engineer

Nayyar Ali Dada & Associates. (M/S IBM Construction Company).

Project: Construction of Student Service Center in Lahore College for Women University Lahore.

Our Ref. No. CL/CED/ 8943 Dated: 25-09-19

Your Ref. No. RE/19/169 Dated: 17-09-19

## COMPRESSION TEST REPORT

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

Specimens received on: 18-09-19 Tested on: 24-09-19 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	Column F.F.	27	7	2019	6x6x6	8.6	36	79	4920	Non Engraved
2	Column F.F.	27	7	2019	6x6x6	8.4	36	66	4110	Non Engraved
3	Column F.F.	27	7	2019	6x6x6	8.6	36	73	4550	Non Engraved
4	Roof Slab	4	8	2019	6x6x6	8.6	36	41	2560	Non Engraved
5	Roof Slab	4	8	2019	6x6x6	8.4	36	72	4480	Non Engraved
6	Roof Slab	4	8	2019	6x6x6	8.4	36	46	2870	Non Engraved
7	Column F.F.	8	8	2019	6x6x6	8.8	36	106	6600	Non Engraved
8	Column F.F.	8	8	2019	6x6x6	9	36	105	6540	Non Engraved
9	Column F.F.	8	8	2019	6x6x6	8.6	36	95	5920	Non Engraved
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\* 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

9200  
Dr. Aqsa

**To: Rai Muhammad Bilal, Resident Engineer**  
**NESPAK (Pvt) Ltd. Construction Management Division, Lahore.**  
**Project: Rehabilitation and Improvement of PIA Road (Sothern Bypass to College Road) Johar Town, Lahore**

Our Ref. No. CL/CED/ 8944 Dated: 25-09-19

Your Ref. No. 4047-R3/13/RMB/03/SIA/006 Dated: 12-09-19

## COMPRESSION TEST REPORT

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

Specimens received on: 18-09-19 Tested on: 24-09-19 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		6x5.9x6	8	35.4	92	5830	Cut Cube
2	Kerb Stone		6x6x6	8.4	36	137	8530	Cut Cube
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\* 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

9206

Dr. Aqsa

To: **Sub Divisional Officer**

**Public Health Engineering Sub Division, Khushab. (M/S Ijaz Traders, Govt. Traders)**

**Project: Provision of Urban Drainage, Sewerage & Water Supply Scheme in Ward No.1 to 12 of City Quaidabad.**

Our Ref. No. CL/CED/

8945

Dated:

25-09-19

Your Ref. No.

250/KHB

Dated:

16-05-19

## COMPRESSION TEST REPORT

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

Specimens received on: 19-09-19 Tested on: 24-09-19 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	Rectangular Grey		7.8x3.9x2.9	3510	30.42	107	7880	
2	Rectangular Grey		7.8x3.9x2.9	3601	30.42	106	7810	
3	Rectangular Grey		7.8x3.9x2.9	3599	30.42	122	8990	
4	Rectangular Grey		7.8x3.9x2.9	3601	30.42	104	7660	
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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

9207

Dr. Aqsa

To: Sub Divisional Officer

Public Health Engineering Sub Division, T.T.Singh. (Dr. Maqbool Road & Mohallah Gaoshala).

Project: Laying of Soling, Resoling, Drain, Repair of Roads, Water Supply Pipelines & Sewerage in District T.T. Singh.

Our Ref. No. CL/CED/

8946

Dated:

25-09-19

Your Ref. No.

204/PHE-SD-TTS

Dated:

02-09-19

## COMPRESSION TEST REPORT

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

Specimens received on:

19-09-19

Tested on:

24-09-19

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	Rectangular Grey		7.8x3.8x2.9	3822	30.42	111	8180	
2	Rectangular Grey		7.8x3.8x2.9	3796	30.42	105	7740	
3	Rectangular Grey		7.8x3.8x2.9	3792	30.42	116	8550	
4	Rectangular Grey		7.8x3.8x2.9	3810	30.42	104	7660	
5	Rectangular Grey		7.8x3.8x2.9	3749	30.42	116	8550	
6	Rectangular Grey		7.8x3.8x2.9	3815	30.42	104	7660	
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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

9220  
Dr. Aqsa

**To: Ali Sufyan, Consultant Civil Works.**  
**Punjab Safe Cities Authority Lahore.**  
**Project: Pak German Engineers on New Ravi Entry / Exit to Lahore.**

Our Ref. No. CL/CED/ 8947 Dated: 25-09-19

Your Ref. No. 11638/Civil/PSCA/2019 Dated: 04-09-19

## COMPRESSION TEST REPORT

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

Specimens received on: 23-09-19 Tested on: 24-09-19 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	A	14	7	2019	6x6x6	8	36	38	2370	Non Engraved
2	B	15	7	2019	6x6x6	7.8	36	24	1500	Non Engraved
3	C	19	7	2019	6x6x6	8	36	63	3920	Non Engraved
4	D	20	7	2019	6x6x6	7.6	36	44	2740	Non Engraved
5	E	26	7	2019	6x6x6	8.8	36	55	3430	Non Engraved
6	F	26	7	2019	6x6x6	8.4	36	56	3490	Non Engraved
7	G	1	8	2019	6x6x6	8.6	36	62	3860	Non Engraved
8	H	1	8	2019	6x6x6	8.6	36	60	3740	Non Engraved
9	I	6	8	2019	6x6x6	8.4	36	67	4170	Non Engraved
10	J	10	8	2019	6x6x6	8.4	36	58	3610	Non Engraved
11	K	23	8	2019	6x6x6	9	36	66	4110	Non Engraved
12	L	30	8	2019	6x6x6	8.8	36	62	3860	Non Engraved
13										
14										
15										
16										

Results can also be seen on website [http://www.uet.edu.pk/faculties/facultiesinfo/departments?RID=testing\\_reports&id=6](http://www.uet.edu.pk/faculties/facultiesinfo/departments?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

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**supervisor(lab)**

**Director/Dy. Director Concrete Laboratory**