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

8207

To: **Mr. Amir Azam (HR Manager)** Dr. Umbreen
Faisal Associates, 18-C.C.A. First Floor, Phase V, DHA, Lahore Cantt.
Project:

Our Ref. No. CL/CED/ 7534 Dated: 20-03-19

Your Ref. No. Nil Dated: 06-03-19

COMPRESSION TEST REPORT

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

Specimens received on: 06-03-19 Tested on: 13-03-19 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 Black				7.8x3.8x3.1	3554	29.64	44	3330	
2	Rectangular Black				7.8x3.8x3.1	3566	29.64	54	4090	
3	Rectangular Black				7.8x3.8x3.1	3596	29.64	54	4090	
4	Rectangular Grey				7.8x3.8x3.1	3584	29.64	57	4310	
5	Rectangular Grey				7.8x3.8x3.1	3562	29.64	83	6280	
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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 comprerssive 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

8216

To: **(S. Shaukat Hussain) Incharge (Civil) For Managing Director** Engr. Ubaid
Sui Northern Gas Pipelines Limited, 21 Kashmir Road, Lahore.
Project: Construction of Store Shed of P.E Pipes at Central Base Store Manga.

Our Ref. No. CL/CED/ 7535 Dated: 20-03-19

Your Ref. No. CC/53/Shed/Manga Dated: 07-03-19

COMPRESSION TEST REPORT

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

Specimens received on: 07-03-19 Tested on: 11-03-19 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		9	2	2019	6Diax12	13.2	28.28	90	7130	Non Engraved
2		9	2	2019	6Diax12	13.2	28.28	79	6260	Non Engraved
3		9	2	2019	6Diax12	13.2	28.28	86	6820	Non Engraved
4		12	1	2019	6Diax12	13.6	28.28	71	5630	Non Engraved
5		12	1	2019	6Diax12	13.4	28.28	75	5950	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

8217

To: **Mr. Usman Ali, Project Manager** Engr. Ubaid
Mukhtar Sons Construction Pvt Ltd.
Project: Naveena Apartments, 35-C, Gulberg III, Lahore

Our Ref. No. CL/CED/ 7536 Dated: 20-03-19

Your Ref. No. Nil Dated: 07-03-19

COMPRESSION TEST REPORT

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

Specimens received on: 07-03-19 Tested on: 11-03-19 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	Slab B-1 Pour-3rd	5	2	2019	6Diax12	14	28.28	75	5950	Non Engraved
2	Slab B-1 Pour-3rd	5	2	2019	6Diax12	14	28.28	77	6100	Non Engraved
3	Slab B-1 Pour-3rd	5	2	2019	6Diax12	14.4	28.28	87	6900	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

8217

To: **Mr. Usman Ali, Project Manager** Engr. Ubaid
Mukhtar Sons Construction Pvt Ltd.
Project: Naveena Apartments, 35-C, Gulberg III, Lahore

Our Ref. No. CL/CED/ 7537 Dated: 20-03-19

Your Ref. No. Nil Dated: 07-03-19

COMPRESSION TEST REPORT

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

Specimens received on: 07-03-19 Tested on: 11-03-19 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	Slab G.F. Pour-1st	23	2	2019	6Diax12	14	28.28	55	4360	Non Engraved
2	Slab G.F. Pour-1st	23	2	2019	6Diax12	14.2	28.28	54	4280	Non Engraved
3	Slab G.F. Pour-1st	23	2	2019	6Diax12	14.2	28.28	55	4360	Non Engraved
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**** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as comprerssive 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

8218

To: **Waseem G. Rasool** Engr. Ubaid
Al-Habib Construction Company Pvt Ltd.
Project: CMPAK GSM Phase-IX. ODU BTS Foundation

Our Ref. No. CL/CED/ 7538 Dated: 20-03-19

Your Ref. No. AHCC/CMPAK/D28/42615 Dated: 09-03-19

COMPRESSION TEST REPORT

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

Specimens received on: 07-03-19 Tested on: 11-03-19 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	42615	8	2	2019	6x6x6	8	36	106	6600	Non Engraved
2	42615	8	2	2019	6x6x6	8.2	36	79	4920	Non Engraved
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** 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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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

8218

To: **Waseem G. Rasool** Engr. Ubaid
Al-Habib Construction Company Pvt Ltd.
Project: CMPAK GSM Phase-IX. ODU BTS Foundation

Our Ref. No. CL/CED/ 7539 Dated: 20-03-19

Your Ref. No. AHCC/CMPAK/D28/42611 Dated: 05-03-19

COMPRESSION TEST REPORT

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

Specimens received on: 07-03-19 Tested on: 11-03-19 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	42611	3	2	2019	6x6x6	8	36	86	5360	Non Engraved
2	42611	3	2	2019	6x6x6	8	36	86	5360	Non Engraved
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**** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as comprerssive 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

8218

To: **Waseem G. Rasool** Engr. Ubaid
Al-Habib Construction Company Pvt Ltd.
Project: CMPAK GSM Phase-IX. ODU BTS Foundation

Our Ref. No. CL/CED/ 7540 Dated: 20-03-19

Your Ref. No. AHCC/CMPAK/D28/42613 Dated: 05-03-19

COMPRESSION TEST REPORT

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

Specimens received on: 07-03-19 Tested on: 11-03-19 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	42613	3	2	2019	6x6x6	8	36	67	4170	Non Engraved
2	42613	3	2	2019	6x6x6	8.6	36	77	4800	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

8218

To: **Waseem G. Rasool** Engr. Ubaid
Al-Habib Construction Company Pvt Ltd.
Project: CMPAK GSM Phase-IX. ODU BTS Foundation

Our Ref. No. CL/CED/ 7541 Dated: 20-03-19

Your Ref. No. AHCC/CMPAK/D28/42657 Dated: 05-03-19

COMPRESSION TEST REPORT

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

Specimens received on: 07-03-19 Tested on: 11-03-19 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	42657	3	2	2019	6x6x6	8	36	81	5040	Non Engraved
2	42657	3	2	2019	6x6x6	8	36	96	5980	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

8218

To: **Waseem G. Rasool** Engr. Ubaid
Al-Habib Construction Company Pvt Ltd.
Project: CMPAK GSM Phase-IX. ODU BTS Foundation

Our Ref. No. CL/CED/ 7542 Dated: 20-03-19

Your Ref. No. AHCC/CMPAK/D28/42621 Dated: 05-03-19

COMPRESSION TEST REPORT

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

Specimens received on: 07-03-19 Tested on: 11-03-19 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	42621	22	2	2019	6x6x6	8.2	36	76	4730	Non Engraved
2	42621	22	2	2019	6x6x6	8	36	92	5730	Non Engraved
End	---	---	---	---	---	---	---	---	---	---
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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

8222

To: **Engr. Muhammad Afzal** Dr. Nauman
For & on behalf of WIDECON Engineers & Contractors
Project: Construction of Beacon House School Sadaqabad. (2nd Floor Slab, Center Portion)

Our Ref. No. CL/CED/ 7543 Dated: 20-03-19

Your Ref. No. WEC-Gen-83/19 Dated: 06-03-19

COMPRESSION TEST REPORT

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

Specimens received on: 07-03-19 Tested on: 08-03-19 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	3000Psi	2	2	2019	6Diax12	13.8	28.28	75	5950	Non Engraved
2	3000Psi	2	2	2019	6Diax12	13.9	28.28	67	5310	Non Engraved
3	3000Psi	2	2	2019	6Diax12	14	28.28	73	5790	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

8223

To: **Manager Engineering , M/S Ali Zaman Pvt Ltd.** Dr. Nauman
31-B, Zafar Ali Road, Gulberg 5, Lahore.
Project: Akzo Nobel Pvt Ltd.

Our Ref. No. CL/CED/ 7544 Dated: 20-03-19

Your Ref. No. azl-281-2019 Dated: 01-02-19

COMPRESSION TEST REPORT

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

Specimens received on: 07-03-19 Tested on: 08-03-19 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	Column Foundation	27	1	2019	6Diax12	13.9	28.28	87	6900	Non Engraved
2	Column Foundation	27	1	2019	6Diax12	14	28.28	55	4360	Non Engraved
3	Column Foundation	27	1	2019	6Diax12	14	28.28	79	6260	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

8225

To: **Abid Naeem, G.M- Contracts and Procurement** Dr. Nauman
Mughals Imperial Pvt Ltd.
Project: Construction of Danish Iqbal House at 75-E Munir Road, Lahore.(Swimming Pool Foundation)

Our Ref. No. CL/CED/ 7545 Dated: 20-03-19

Your Ref. No. 786/MIL-0024/060304/2019 Dated: 06-03-19

COMPRESSION TEST REPORT

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

Specimens received on: 07-03-19 Tested on: 08-03-19 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		2	3	2019	6Diax12	14	28.28	57	4520	Non Engraved
2		2	3	2019	6Diax12	14	28.28	65	5150	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

8227

To: **Mr. Abid Sultan, The Admin Manager**
Variant 25-t Gulberg 2,
Lahore.

Engr. A. Rehman

Project: Second Floor Slab Pour-1, A to H, Line 4 to 6

Our Ref. No. CL/CED/ 7546 Dated: 20-03-19

Your Ref. No. VA/23/109 Dated: 07-03-19

COMPRESSION TEST REPORT

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

Specimens received on: 07-03-19 Tested on: 19-03-19 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		25	1	2019	6Diax12	13.8	28.28	93	7370	Non Engraved
2		25	1	2019	6Diax12	14.2	28.28	79	6260	Non Engraved
3		25	1	2019	6Diax12	14	28.28	105	8320	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 comprerssive 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

8227

To: **Mr. Abid Sultan, The Admin Manager**
Variant 25-t Gulberg 2,
Lahore.

Engr. A. Rehman

Project: Second Floor Slab Pour-2, E to H, Line 1 to 6

Our Ref. No. CL/CED/ 7547 Dated: 20-03-19

Your Ref. No. VA/23/110 Dated: 07-03-19

COMPRESSION TEST REPORT

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

Specimens received on: 07-03-19 Tested on: 19-03-19 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		30	1	2019	6Diax12	14.4	28.28	95	7530	Non Engraved
2		30	1	2019	6Diax12	14	28.28	86	6820	Non Engraved
3		30	1	2019	6Diax12	14	28.28	100	7930	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

8227

To: **Mr. Abid Sultan, The Admin Manager**
Variant 25-t Gulberg 2,
Lahore.

Engr. A. Rehman

Project: Second Floor Slab Pour-3, A to F, Line 1 to 5

Our Ref. No. CL/CED/ 7548 Dated: 20-03-19

Your Ref. No. VA/23/111 Dated: 07-03-19

COMPRESSION TEST REPORT

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

Specimens received on: 07-03-19 Tested on: 19-03-19 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		2	2	2019	6Diax12	13.4	28.28	53	4200	Non Engraved
2		2	2	2019	6Diax12	13.8	28.28	100	7930	Non Engraved
3		2	2	2019	6Diax12	14.4	28.28	73	5790	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

8230

To: **Sherwani Enterprises** Engr. Ubaid
153-E PCSIR Staff Society, College Road, Lahore.
Project: Ghulab Devi Hospital.

Our Ref. No. CL/CED/ 7549 Dated: 20-03-19

Your Ref. No. Nil Dated: 08-03-19

COMPRESSION TEST REPORT

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

Specimens received on: 08-03-19 Tested on: 11-03-19 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	Slab 1:2:4	2	2	2019	6x6x6	7.8	36	49	3050	Engraved
2	Slab 1:2:4	2	2	2019	6x6x6	7.6	36	55	3430	Engraved
3	Slab 1:2:4	2	2	2019	6x6x6	7.6	36	59	3680	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

8229

To: **Sub Divisional Officer (Development Sub-Division No.III)** Dr. Nauman
Mianwali Canal Rest House Sialkot
Project:Chenelaization of DEG Nullah Package-II, (Bridge RD. 306+720 Main Drain)

Our Ref. No. CL/CED/ 7550-1 of 2 Dated: 20-03-19

Your Ref. No. 137/DEV Dated: 07-03-19

COMPRESSION TEST REPORT

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

Specimens received on: 08-03-19 Tested on: 12-03-19 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	4th Span Slab	18	12	2018	6Diax12	13.6	28.28	65	5150	Non Engraved
2	4th Span Slab	18	12	2018	6Diax12	14	28.28	53	4200	Non Engraved
3	4th Span Parapet	19	12	2018	6Diax12	13.4	28.28	89	7050	Non Engraved
4	4th Span Parapet	19	12	2018	6Diax12	13.2	28.28	55	4360	Non Engraved
5	5th Span Slab	23	12	2018	6Diax12	14	28.28	63	5000	Non Engraved
6	5th Span Slab	23	12	2018	6Diax12	14	28.28	71	5630	Non Engraved
7	5th Span Parapet	24	12	2018	6Diax12	13.6	28.28	85	6740	Non Engraved
8	5th Span Parapet	24	12	2018	6Diax12	13.4	28.28	51	4040	Non Engraved
9	6th Span Slab	30	12	2018	6Diax12	14	28.28	83	6580	Non Engraved
10	6th Span Slab	30	12	2018	6Diax12	13.6	28.28	85	6740	Non Engraved
11	6th Span Parapet	31	12	2018	6Diax12	14	28.28	61	4840	Non Engraved
12	6th Span Parapet	31	12	2018	6Diax12	13.4	28.28	87	6900	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

8229

To: **Sub Divisional Officer (Development Sub-Division No.III)** Dr. Nauman
Mianwali Canal Rest House Sialkot
Project:Chenelaization of DEG Nullah Package-II, (Bridge RD. 15+950 Jeowali)

Our Ref. No. CL/CED/ 7550-2 of 2 Dated: 20-03-19

Your Ref. No. 137/DEV Dated: 07-03-19

COMPRESSION TEST REPORT

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

Specimens received on: 08-03-19 Tested on: 12-03-19 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	Pile-1 (Abutment)	28	1	2019	6Diax12	13.4	28.28	87	6900	Non Engraved
2	Pile-1 (Abutment)	28	1	2019	6Diax12	14	28.28	87	6900	Non Engraved
3	Pile-1 Pier	29	1	2019	6Diax12	13.8	28.28	47	3730	Non Engraved
4	Pile-1 Pier	29	1	2019	6Diax12	13.6	28.28	79	6260	Non Engraved
5	Pile-2 (Abutment)	30	1	2019	6Diax12	14	28.28	83	6580	Non Engraved
6	Pile-2 (Abutment)	30	1	2019	6Diax12	13.4	28.28	75	5950	Non Engraved
7	Pile- (Pier)	2	2	2019	6Diax12	13.6	28.28	61	4840	Non Engraved
8	Pile- (Pier)	2	2	2019	6Diax12	13.6	28.28	83	6580	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

8231

To: **Brig. Retd. Saeed Ahmed Malik SI(M) (Resident Engineer)** Dr. Umbreen
H &TE Div., NESPAK Pvt. Ltd. Lahore
Project: Restoration of Road Cut Made by SNGPL in Different Streets of UC-82,83,84 & 88, NA-122.

Our Ref. No. CL/CED/ 7551 Dated: 20-03-19

Your Ref. No. 3071/BSAM/104/2260 Dated: 16-08-18

COMPRESSION TEST REPORT

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

Specimens received on: 08-03-19 Tested on: 11-03-19 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	Cubes Of PCC	16	7	2018	6X66	8	36	47	2930	
2	Cubes Of PCC	16	7	2018	6X6X6	8.2	36	57	3550	
3	Cubes Of PCC	16	7	2018	6X6X6	8	36	77	4800	
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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

8232

To: **Ch. Abdul Ghafoor (Resident Engineer)** Dr. Umbreen
Pakistan Environmental Planning & Architecturural consultants (PEPAC) Ltd.
Project: W.W.C Adjacent To Sundar Industrial Estate District Kasur. Package - H"Block 10/64

Our Ref. No. CL/CED/ 7552 Dated: 20-03-19

Your Ref. No. RE/PEPAC/WWC/-K/H100 Dated: 07-03-19

COMPRESSION TEST REPORT

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

Specimens received on: 08-03-19 Tested on: 11-03-19 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	3rd Floor Column	23	2	2019	6x6x6	8.6	36	57	3550	Non Engraved
2	3rd Floor Column	23	2	2019	6x6x6	8.4	36	73	4550	Non Engraved
3	3rd Floor Column	23	2	2019	6x6x6	8.4	36	57	3550	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

8232

To: **Ch. Abdul Ghafoor (Resident Engineer)** Dr. Umbreen
Pakistan Environmental Planning & Architecturural consultants (PEPAC) Ltd.
Project: Estab. of W.W.C Adjacent To Sundar Industrial Estate District Kasur. Package - H" Block 1/93

Our Ref. No. CL/CED/ 7553 Dated: 20-03-19

Your Ref. No. RE/PEPAC/WWC/-K/H102 Dated: 07-03-19

COMPRESSION TEST REPORT

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

Specimens received on: 08-03-19 Tested on: 11-03-19 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	3rd Floor Roof Slab	28	2	2019	6x6x6	9	36	83	5170	Non Engraved
2	3rd Floor Roof Slab	28	2	2019	6x6x6	8.6	36	75	4670	Non Engraved
3	3rd Floor Roof Slab	28	2	2019	6x6x6	9	36	65	4050	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

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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

8261

To: **Sub Divisional Office (Civil), Engineering Cell** Engr. Aamina
Government College University, Faisalabad.
Project: Construction of Covered Car Parking at New Campus GCU Faisalabad.

Our Ref. No. CL/CED/ 7554 Dated: 20-03-19

Your Ref. No. GCUF/EC/381 Dated: 12-03-19

COMPRESSION TEST REPORT

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

Specimens received on: 14-03-19 Tested on: 19-03-19 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				5.8x5.9x5.8	8443	34.22	73	4780	Cut Cube
2	Kerb Stone				5.7x6x5.8	8510	34.2	59	3870	Cut Cube
3	Kerb Stone				5.8x5.8x5.8	8217	33.64	73	4870	Cut Cube
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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**

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

8276

To: **Arsalan Arshad, Project Manager** Dr. Burhan Sharif
M/S Depac, 71-B/3 First Floor, Gulberg III, Lahore.
Project: Construction of Dr. Maqbool Ahmed Block at K.E.M.U Lahore.

Our Ref. No.
CL/CED/ 7555 Dated: 20-03-19

Your Ref. No. T-14/3/18 Dated: 15-03-19

COMPRESSION TEST REPORT

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

Specimens received on: 15-03-19 Tested on: 20-03-19 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	DG				8.7x4.3x2.8	3263	37.41	69	4140	
2	DG				8.5x4.3x2.7	3271	36.55	55	3380	
3	DG				8.7x4.4x2.8	3277	38.28	47	2760	
4	DG				8.9x4.3x2.8	3296	38.27	59	3460	
5	DG				8.9x4.4x2.8	3286	39.16	47	2690	
6	DG			3830	8.8x4.4x2.8	3361	38.72			13.95
7	DG			3768	8.9x4.3x2.9	3296	38.27			14.32
8	DG			3710	8.8x4.4x2.8	3314	38.72			11.94
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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**

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

8237

To: **Sub Divisional Officer** Engr. Aamina
Public Health Engg. Sub Division Noshera Virkan.
Project:Provision of Drainage & PCC,Scheme at U.C. Chehal Kalan Tehsil Noshera Virkan Distt.Gujranwala

Our Ref. No. CL/CED/ 7556 Dated: 20-03-19

Your Ref. No. 42/N Dated: 31-01-19

COMPRESSION TEST REPORT

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

Specimens received on: 11-03-19 Tested on: 19-03-19 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	Plain Cement Concrete	16	1	2019	6x6x6	9	36	83	5170	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 comprerssive 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

8274

To: **Sub Divisional Officer** Engr. Aamina
Public Health Engg. Sub Division Noshera Virkan.
Project:Constt. of Drainage/PCC,Sullage Carrier at U.C Karyal Kalan Tehsil Noshera Virkan Distt.Gujranwal

Our Ref. No. CL/CED/ 7557 Dated: 20-03-19

Your Ref. No. 51/N Dated: 08-02-19

COMPRESSION TEST REPORT

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

Specimens received on: 15-03-19 Tested on: 19-03-19 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	Plain Cement Con.	25	1	2019	6x6x6	8	36	43	2680	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"diax12" cylinder) strength at 28 days as comprerssive 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

8273

To: **Sub Divisional Officer** Engr. Aamina
Public Health Engg. Sub Division Gujranwala.
Project: Constt.of PCC & Sewerage at Asghar, Allah Bukhsh, Nawaz & Faisal Colony Distt. Gujranwala.

Our Ref. No. CL/CED/ 7558 Dated: 20-03-19

Your Ref. No. 904/T Dated: 06-02-19

COMPRESSION TEST REPORT

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

Specimens received on: 15-03-19 Tested on: 19-03-19 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	Plain Cement Con.	8	1	2019	6x6x6	7.8	36	63	3920	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

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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 comprerssive 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

8239

To: **Engr. Hammad Hassan Sindhu, Resident Engineer** Dr. Nauman
EA Consulting Pvt Ltd.
Project:Constt. of St. Through Provision of PCC,Paved Parking in Ward # 05 & 06 LCB(PP-156) NA-125

Our Ref. No. CL/CED/ 7559 Dated: 20-03-19

Your Ref. No. RE/EA/TEPA-LDA/LHR/1320 Dated: 02-03-19

COMPRESSION TEST REPORT

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

Specimens received on: 11-03-19 Tested on: 12-03-19 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		31	3	2018	6Diax12	13.5	28.28	101	8000	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

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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

8239

To: **Engr. Hammad Hassan Sindhu, Resident Engineer** Dr. Umbreen
EA Consulting Pvt Ltd.
Project:Constt. of St. Through Provision of PCC,Paved Parking in Ward # 05 & 06 LCB(PP-156) NA-125

Our Ref. No. CL/CED/ 7560 Dated: 20-03-19

Your Ref. No. RE/EA/TEPA-LDA/LHR/1321 Dated: 02-03-19

COMPRESSION TEST REPORT

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

Specimens received on: 11-03-19 Tested on: 13-03-19 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				6x5.6x5.7	7271	33.6	55	3670	Cut Cube
2	Kerb Stone				6x6x5.7	7947	36	96	5980	Cut Cube
3	Kerb Stone				6x5.6x5.7	7006	33.6	51	3400	Cut Cube
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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

8232

To: **Ch. Abdul Ghafoor (Resident Engineer)** Dr. Umbreen
Pakistan Environmental Planning & Architecturural consultants (PEPAC) Ltd.
Project: W.W.C Ph-I Adjacent To Sundar Industrial Estate District Kasur. Package - H" Block 7/66

Our Ref. No. CL/CED/ 7561 Dated: 20-03-19

Your Ref. No. RE/PEPAC/WWC-K/H96 Dated: 04-03-19

COMPRESSION TEST REPORT

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

Specimens received on: 08-03-19 Tested on: 11-03-19 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	3rd Floor Column	10	2	2019	6x6x6	9	36	114	7100	Non Engraved
2	3rd Floor Column	10	2	2019	6x6x6	8.6	36	81	5040	Non Engraved
3	3rd Floor Column	10	2	2019	6x6x6	8.4	36	73	4550	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

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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

8232

To: **Ch. Abdul Ghafoor (Resident Engineer)** Dr. Umbreen
Pakistan Environmental Planning & Architecturural consultants (PEPAC) Ltd.
Project:Estab. of W.W.C Ph-I Adjacent To Sundar Industrial Estate Distt. Kasur. Package - H" Block 5/79

Our Ref. No. CL/CED/ 7562 Dated: 20-03-19

Your Ref. No. RE/PEPAC/WWC-K/H97 Dated: 04-03-19

COMPRESSION TEST REPORT

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

Specimens received on: 08-03-19 Tested on: 11-03-19 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	1st Floor Column	16	2	2019	6x6x6	8.6	36	77	4800	Non Engraved
2	1st Floor Column	16	2	2019	6x6x6	9	36	90	5600	Non Engraved
3	1st Floor Column	16	2	2019	6x6x6	8.6	36	94	5850	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

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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

8232

To: **Ch. Abdul Ghafoor (Resident Engineer)** Dr. Umbreen
Pakistan Environmental Planning & Architecturural consultants (PEPAC) Ltd.
Project:Estab. of W.W.C Ph-I Adjacent To Sundar Industrial Estate Distt. Kasur. Package - H" Block 12/53

Our Ref. No. CL/CED/ 7563 Dated: 20-03-19

Your Ref. No. RE/PEPAC/WWC-K/H98 Dated: 04-03-19

COMPRESSION TEST REPORT

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

Specimens received on: 08-03-19 Tested on: 11-03-19 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	3rd Floor Column	22	2	2019	6x6x6	8.4	36	83	5170	Non Engraved
2	3rd Floor Column	22	2	2019	6x6x6	8.6	36	86	5360	Non Engraved
3	3rd Floor Column	22	2	2019	6x6x6	8.6	36	94	5850	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

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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

8232

To: **Ch. Abdul Ghafoor (Resident Engineer)** Dr. Umbreen
Pakistan Environmental Planning & Architecturural consultants (PEPAC) Ltd.
Project:Estab.of W.W.C Ph-I Adjacent To Sundar Indust. Estate Distt. Kasur. Pack- H" Block 9/65

Our Ref. No. CL/CED/ 7564 Dated: 20-03-19

Your Ref. No. RE/PEPAC/WWC-K/H99 Dated: 04-03-19

COMPRESSION TEST REPORT

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

Specimens received on: 08-03-19 Tested on: 11-03-19 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	G.F Roof Slab	26	2	2019	6x6x6	8.6	36	96	5980	Non Engraved
2	G.F Roof Slab	26	2	2019	6x6x6	8.4	36	83	5170	Non Engraved
3	G.F Roof Slab	26	2	2019	6x6x6	8.6	36	104	6480	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

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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

8232

To: **Ch. Abdul Ghafoor (Resident Engineer)** Dr. Umbreen
Pakistan Environmental Planning & Architecturural consultants (PEPAC) Ltd.
Project:Estab.of W.W.C Ph-I Adjacent To Sundar Indust.Estate Distt.Kasur.Pack- H" Block 5/79

Our Ref. No. CL/CED/ 7565 Dated: 20-03-19

Your Ref. No. RE/PEPAC/WWC-K/H93 Dated: 04-03-19

COMPRESSION TEST REPORT

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

Specimens received on: 08-03-19 Tested on: 11-03-19 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	G.F Roof Slab	4	2	2019	6x6x6	8.4	36	102	6350	Non Engraved
2	G.F Roof Slab	4	2	2019	6x6x6	8.4	36	90	5600	Non Engraved
3	G.F Roof Slab	4	2	2019	6x6x6	8.6	36	88	5480	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

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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

8232

To: **Ch. Abdul Ghafoor (Resident Engineer)** Dr. Umbreen
Pakistan Environmental Planning & Architecturural consultants (PEPAC) Ltd.
Project:Estab.of W.W.C Ph-I Adjacent To Sundar Indust.Estate Distt.Kasur.Pack- H" Block 12/53

Our Ref. No. CL/CED/ 7566 Dated: 20-03-19

Your Ref. No. RE/PEPAC/WWC- K/H94 Dated: 04-03-19

COMPRESSION TEST REPORT

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

Specimens received on: 08-03-19 Tested on: 11-03-19 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	2nd F. Roof Slab	6	2	2019	6x6x6	8.4	36	98	6100	Non Engraved
2	2nd F. Roof Slab	6	2	2019	6x6x6	8.6	36	124	7720	Non Engraved
3	2nd F. Roof Slab	6	2	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

8232

To: **Ch. Abdul Ghafoor (Resident Engineer)** Dr. Umbreen
Pakistan Environmental Planning & Architecturural consultants (PEPAC) Ltd.
Project:Estab.of W.W.C Ph-I Adjacent To Sundar Indust.Estate Distt.Kasur.Pack- H" Block 6/78

Our Ref. No. CL/CED/ 7567 Dated: 20-03-19

Your Ref. No. RE/PEPAC/WWC-K/H95 Dated: 04-03-19

COMPRESSION TEST REPORT

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

Specimens received on: 08-03-19 Tested on: 11-03-19 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	G.F Roof Slab	9	2	2019	6x6x6	8.2	36	63	3920	Non Engraved
2	G.F Roof Slab	9	2	2019	6x6x6	8.4	36	65	4050	Non Engraved
3	G.F Roof Slab	9	2	2019	6x6x6	8.6	36	73	4550	Non Engraved
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**** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as comprerssive 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**