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

9647

To: **Umer Safdar** Engr. Ubaid
Usman Industries. 56-B3, Gulberg 3, Lahore.
Project: Nil

Our Ref. No. CL/CED/ 9499 Dated: 19-12-19

Your Ref. No. Nil Dated: 12-12-19

COMPRESSION TEST REPORT

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

Specimens received on: 12-12-19 Tested on: 16-12-19 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		6	11	2019	6Diax12	14	28.28	57	4520	Non Engraved
2		6	11	2019	6Diax12	14.4	28.28	75	5950	Non Engraved
3		8	11	2019	6Diax12	14	28.28	61	4840	Non Engraved
4		8	11	2019	6Diax12	14	28.28	67	5310	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

9620

To: **Ch. Abdul Ghafoor, Resident Engineer** Dr. Aqsa
PEPAC (Pvt) Ltd.
Project: Establishment of Workers Welfare Complex (Phase-1), Adjacent to Sundar Industrial Estate District Kasur. Package A.

Our Ref. No. CL/CED/ 9500 Dated: 19-12-19

Your Ref. No. RE/PEPAC/Sundar/A-221 Dated: 05-12-19

COMPRESSION TEST REPORT

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

Specimens received on: 09-12-19 Tested on: 10-12-19 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 3rd/ F (A-5)	31	10	2019	6x6x6	8.8	36	72	4480	Engraved
2	Slab 3rd/ F (A-5)	31	10	2019	6x6x6	8.6	36	76	4730	Engraved
3	Slab 3rd/ F (A-5)	31	10	2019	6x6x6	8.6	36	81	5040	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

9630

Dr. Aqsa

To: **Imran Akhtar (Project Manager)**
CM Engineering (Pvt.) Ltd. Lahore
Project: Long Haul & Metro, Site ID-4132, Plinth Beam

Our Ref. No. CL/CED/ 9501 Dated: 19-12-19

Your Ref. No. CME/Cubes/LongHaul/539 Dated: 06-12-19

COMPRESSION TEST REPORT

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

Specimens received on: 10-12-19 Tested on: 10-12-19 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	(1 : 1.5 : 3)	8	11	2019	6x6x6	8.2	36	92	5730	Non Engraved
2	(1 : 1.5 : 3)	8	11	2019	6x6x6	8	36	99	6160	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

9631

To: **Sub Divisional Officer** Dr. Aqsa
Buildings Sub Division, Shakargarh
Project: Re-construction of Dangerous School Building Govt Elementary School Thikrian Kalan Tehsil Shakargarh

Our Ref. No. CL/CED/ 9502 Dated: 19-12-19

Your Ref. No. 1646-A/Sg Dated: 17-07-19

COMPRESSION TEST REPORT

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

Specimens received on: 10-12-19 Tested on: 10-12-19 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	Roof Slab	14	6	2019	6x6x6	8.2	36	96	5980	Non Engraved
2	Roof Slab	14	6	2019	6x6x6	8.2	36	92	5730	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

9631

To: **Sub Divisional Officer** Dr. Aqsa
Buildings Sub Division, Shakargarh
Project: Re-construction of Dangerous School Building Govt Boys IT High School Shakargarh Tehsil Shakargarh District Narowal

Our Ref. No. CL/CED/ 9503 Dated: 19-12-19

Your Ref. No. 1785/Sg Dated: 29-11-19

COMPRESSION TEST REPORT

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

Specimens received on: 10-12-19 Tested on: 10-12-19 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	Roof Slab	2	11	2019	6x6x6	8	36	96	5980	Non Engraved
2	Roof Slab	2	11	2019	6x6x6	8.2	36	111	6910	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

9635

To: **Mr. Muhammad Saeed (Project Manager)** Engr. Aamina
Mukhtar Sons Construction (Pvt.) Ltd.
Project: Naveena Apartments, 35-C Gulberg-III, Lahore

Our Ref. No. CL/CED/ 9504 Dated: 19-12-19

Your Ref. No. Nil Dated: 10-12-19

COMPRESSION TEST REPORT

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

Specimens received on: 10-12-19 Tested on: 18-12-19 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 Floor 1st Pour	14	9	2019	6Diax12	13.4	28.28	57	4520	Non Engraved
2	4th Floor 1st Pour	14	9	2019	6Diax12	13.6	28.28	67	5310	Non Engraved
3	4th Floor 1st Pour	14	9	2019	6Diax12	14	28.28	68	5390	Non Engraved
4	4th Floor 2nd Pour	25	9	2019	6Diax12	14	28.28	55	4360	Non Engraved
5	4th Floor 2nd Pour	25	9	2019	6Diax12	13.8	28.28	55	4360	Non Engraved
6	4th Floor 2nd Pour	25	9	2019	6Diax12	13.8	28.28	66	5230	Non Engraved
7	5th Floor 1st Pour	30	10	2019	6Diax12	14	28.28	66	5230	Non Engraved
8	5th Floor 1st Pour	30	10	2019	6Diax12	14.4	28.28	81	6420	Non Engraved
9	5th Floor 1st Pour	30	10	2019	6Diax12	14.4	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

9638

To: **Sub Divisional Officer** Dr. M. Yousaf
Buildings Sub Division No.1, Lahore
Project: Upgradation of Nursing School and Hostel at Mayo Hospital Lahore

Our Ref. No. CL/CED/ 9505 Dated: 19-12-19

Your Ref. No. 916/I Dated: 06-12-19

COMPRESSION TEST REPORT

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

Specimens received on: 10-12-19 Tested on: 13-12-19 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				7.8x3.8x2.3	2727	29.64	108	8170	
2	Rectangular Grey				7.8x3.8x2.3	2711	29.64	114	8620	
3	Rectangular Grey				7.8x3.8x2.3	2700	29.64	91	6880	
4	Rectangular Grey				7.8x3.8x2.3	2708	29.64	94	7110	
5	Rectangular Red				7.8x3.8x2.3	2596	29.64	45	3410	
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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

9644

To: **Waqas Zafar (Project Director)** Engr. Aamina
Peach Club (Pvt.) Ltd. Faisalabad
Project: The Qube, Lahore

Our Ref. No. CL/CED/ 9506 Dated: 19-12-19

Your Ref. No. Nil Dated: 11-12-19

COMPRESSION TEST REPORT

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

Specimens received on: 11-12-19 Tested on: 18-12-19 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	Ground Floor Column	11	11	2019	6Diax12	14	28.28	73	5790	Non Engraved
2	Ground Floor Column	11	11	2019	6Diax12	13.8	28.28	69	5470	Non Engraved
3	Ground Floor Column	11	11	2019	6Diax12	13.4	28.28	56	4440	Non Engraved
4	Sill Beam 1st Floor	13	11	2019	6Diax12	13.8	28.28	23	1830	Non Engraved
5	Sill Beam 1st Floor	13	11	2019	6Diax12	14	28.28	54	4280	Non Engraved
6	Sill Beam 1st Floor	13	11	2019	6Diax12	13.4	28.28	20	1590	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

9645

To: **Syed Nabeel Hassan (Resident Engineer)** Engr. Aamina
CM Div., NESPAK (Pvt.) Ltd. Lahore
Project: Construction of Entry Gate of Lahore at Thokar Niaz Baig Multan Road, Lahore

Our Ref. No. CL/CED/ 9507 Dated: 19-12-19

Your Ref. No. 4047-R/13/SNH/07/AHC/150 Dated: 02-12-19

COMPRESSION TEST REPORT

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

Specimens received on: 11-12-19 Tested on: 18-12-19 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	Columns-2nd Pour	25	11	2019	6Diax12	13	28.28	27	2140	Non Engraved
2	Columns-2nd Pour	25	11	2019	6Diax12	13.4	28.28	41	3250	Non Engraved
3	Columns-2nd Pour	25	11	2019	6Diax12	13	28.28	35	2780	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

9645

To: **Syed Nabeel Hassan (Resident Engineer)** Engr. Aamina
CM Div., NESPAK (Pvt.) Ltd. Lahore
Project: Construction of Entry Gate of Lahore at Thokar Niaz Baig Multan Road, Lahore

Our Ref. No. CL/CED/ 9508 Dated: 19-12-19

Your Ref. No. 4047-R/13/SNH/07/AHC/136 Dated: 29-11-19

COMPRESSION TEST REPORT

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

Specimens received on: 11-12-19 Tested on: 18-12-19 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	Columns	22	11	2019	6Diax12	13.4	28.28	28	2220	Non Engraved
2	Columns	22	11	2019	6Diax12	13	28.28	23	1830	Non Engraved
3	Columns	22	11	2019	6Diax12	13.2	28.28	34	2700	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

9654

To: **Waqas Zafar (Project Director)** Engr. Aamina
Peach Club (Pvt.) Ltd. Faisalabad
Project: The Qube, Lahore

Our Ref. No. CL/CED/ 9509 Dated: 19-12-19

Your Ref. No. Nil Dated: 13-12-19

COMPRESSION TEST REPORT

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

Specimens received on: 13-12-19 Tested on: 18-12-19 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 Mezzn. Level	5	12	2019	6Diax12	13.8	28.28	34	2700	Non Engraved
2	Slab Mezzn. Level	5	12	2019	6Diax12	13.4	28.28	20	1590	Non Engraved
3	Slab Mezzn. Level	5	12	2019	6Diax12	13.4	28.28	29	2300	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

9646

To: **Syed Nabeel Hassan (Resident Engineer)** Engr. Aamina
CM Div., NESPAK (Pvt.) Ltd. Lahore
Project: Construction of Pedestrian Overhead Bridge at Shabbir Usmani Road Infront of Jinnah Hostipal, Lahore (Hospital Side)

Our Ref. No. CL/CED/ 9510 Dated: 19-12-19

Your Ref. No. 4047-R/13/SNH/07/AFE/146 Dated: 02-12-19

COMPRESSION TEST REPORT

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

Specimens received on: 12-12-19 Tested on: 18-12-19 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	Columns	4	11	2019	6Diax12	13.4	28.28	63	4990	Non Engraved
2	Columns	4	11	2019	6Diax12	13.8	28.28	61	4840	Non Engraved
3	Columns	4	11	2019	6Diax12	13.8	28.28	47	3730	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

9646

To: **Syed Nabeel Hassan (Resident Engineer)** Engr. Aamina
CM Div., NESPAK (Pvt.) Ltd. Lahore
Project: Construction of Pedestrian Overhead Bridge at Shabbir Usmani Road Infront of Jinnah Hostipal, Lahore (Hospital Side)

Our Ref. No. CL/CED/ 9511 Dated: 19-12-19

Your Ref. No. 4047-R/13/SNH/07/AFE/145 Dated: 02-12-19

COMPRESSION TEST REPORT

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

Specimens received on: 12-12-19 Tested on: 18-12-19 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	Foundation	2	11	2019	6Diax12	13.4	28.28	65	5150	Non Engraved
2	Foundation	2	11	2019	6Diax12	13.8	28.28	44	3490	Non Engraved
3	Foundation	2	11	2019	6Diax12	13.8	28.28	71	5630	Non Engraved
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										

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** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
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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

9649

To: **Syed Nabeel Hassan (Resident Engineer)** Engr. Ubaid
CM Div., NESPAK (Pvt.) Ltd. Lahore
Project:Rehab. Works Under Community Development Programs (CDP) 2018-19 (Restoration of Street No.4 Khota Pind, Back Side Moon Market Commercial Zone, Street No.31, C-I Block & Street No.2 C-Block Faisal

Our Ref. No. CL/CED/ 9512 Dated: 19-12-19

Your Ref. No. 4047-R/13/SNH/07/HBS/123-A Dated: 18-11-19

COMPRESSION TEST REPORT

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

Specimens received on: 12-12-19 Tested on: 16-12-19 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	Graveyard	7	10	2019	6Diax12	14	28.28	59	4680	Non Engraved
2	Graveyard	7	10	2019	6Diax12	13.8	28.28	69	5470	Non Engraved
3										
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5										
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16										

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**