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

9893

Dr. Aqsa

To: Syed Nabeel Hassan (Resident Engineer)
CM Div., NESPAK (Pvt.) Ltd. Lahore
Project: Construction of Entry Gate of Lahore at Thokar Niaz Baig Multan Road, Lahore (Columns 10'-2" ~ 18'-2" - Exit Side)

Our Ref. No. CL/CED/ 9824 Dated: 11-02-20

Your Ref. No. 4047-R/13/SNH/07/AHC/209 Dated: 29-01-20

COMPRESSION TEST REPORT

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

Specimens received on: 03-02-20 Tested on: 04-02-20 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		14 12 2019	6Diax12	14	28.28	81	6420	Non Engraved
2		14 12 2019	6Diax12	14.2	28.28	92	7290	Non Engraved
3		14 12 2019	6Diax12	14	28.28	90	7130	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

9893

To: **Syed Nabeel Hassan (Resident Engineer)** Dr. Aqsa
CM Div., NESPAK (Pvt.) Ltd. Lahore
Project: Construction of Entry Gate of Lahore at Thokar Niaz Baig Multan Road, Lahore (Raft Foundation for Central Columns)

Our Ref. No. CL/CED/ 9825 Dated: 11-02-20

Your Ref. No. 4047-R/13/SNH/07/AHC/206 Dated: 29-01-20

COMPRESSION TEST REPORT

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

Specimens received on: 03-02-20 Tested on: 04-02-20 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		28	12	2019	6Diax12	14	28.28	58	4600	Non Engraved
2		28	12	2019	6Diax12	14	28.28	74	5870	Non Engraved
3		28	12	2019	6Diax12	14	28.28	81	6420	Non Engraved
4										
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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

9893

Dr. Aqsa

To: Syed Nabeel Hassan (Resident Engineer)
CM Div., NESPAK (Pvt.) Ltd. Lahore
Project: Construction of Entry Gate of Lahore at Thokar Niaz Baig Multan Road, Lahore (Central Columns Upto +0'-0")

Our Ref. No. CL/CED/ 9826 Dated: 11-02-20

Your Ref. No. 4047-R/13/SNH/07/AHC/207 Dated: 29-01-20

COMPRESSION TEST REPORT

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

Specimens received on: 03-02-20 Tested on: 04-02-20 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	2020	6Diax12	14	28.28	75	5950	Non Engraved
2		1	1	2020	6Diax12	14.4	28.28	110	8720	Non Engraved
3		1	1	2020	6Diax12	14.8	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

9893

To: **Syed Nabeel Hassan (Resident Engineer)** Dr. Aqsa
CM Div., NESPAK (Pvt.) Ltd. Lahore
Project: Construction of Entry Gate of Lahore at Thokar Niaz Baig Multan Road, Lahore (Planters 4'-Exit & Entry Side)

Our Ref. No. CL/CED/ 9827 Dated: 11-02-20

Your Ref. No. 4047-R/13/SNH/07/AHC/210 Dated: 29-01-20

COMPRESSION TEST REPORT

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

Specimens received on: 03-02-20 Tested on: 04-02-20 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		24	12	2019	6Diax12	14	28.28	98	7770	Non Engraved
2		24	12	2019	6Diax12	14	28.28	67	5310	Non Engraved
3		24	12	2019	6Diax12	14	28.28	77	6100	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

9893

To: **Syed Nabeel Hassan (Resident Engineer)** Dr. Aqsa
CM Div., NESPAK (Pvt.) Ltd. Lahore
Project: Construction of Entry Gate of Lahore at Thokar Niaz Baig Multan Road, Lahore (Columns 10'2" ~ 18'-2" Entry Side)

Our Ref. No. CL/CED/ 9828 Dated: 11-02-20

Your Ref. No. 4047-R/13/SNH/07/AHC/208 Dated: 29-01-20

COMPRESSION TEST REPORT

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

Specimens received on: 03-02-20 Tested on: 04-02-20 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		13 12 2019	6Diax12	14.4	28.28	78	6180	Non Engraved
2		13 12 2019	6Diax12	14.4	28.28	74	5870	Non Engraved
3		13 12 2019	6Diax12	14	28.28	86	6820	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

9895

To: **Nasir Mahmood Khan (Partner)** Dr. Aqsa
N.A. Associates,
Lahore

Project: Construction of Commercial Building at Plot No.44-D-1, gulberg-III, Lahore

Our Ref. No. CL/CED/ 9829 Dated: 11-02-20

Your Ref. No. NAA/Bill/44-D-I/05 Dated: 03-02-20

COMPRESSION TEST REPORT

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

Specimens received on: 03-02-20 Tested on: 04-02-20 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	Lift Well & Sump R.C.C Walls	27	1	2020	6Diax12	13.4	28.28	32	2540	Engraved
2	Lift Well & Sump R.C.C Walls	27	1	2020	6Diax12	14	28.28	34	2700	Engraved
3	Lift Well & Sump R.C.C Walls	27	1	2020	6Diax12	14	28.28	37	2940	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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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

9889

To: **Mohsin Abrar** Dr. Aqsa
Ghani ceramics Ltd. Lahore
Project: Nil

Our Ref. No. CL/CED/ 9830 Dated: 11-02-20

Your Ref. No. Nil Dated: 03-02-20

COMPRESSION TEST REPORT

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

Specimens received on: 03-02-20 Tested on: 04-02-20 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	1	2020	6Diax12	14	28.28	50	3960	Non Engraved
2		2	1	2020	6Diax12	14	28.28	46	3650	Non Engraved
3		22	1	2020	6Diax12	13.8	28.28	55	4360	Non Engraved
4		22	1	2020	6Diax12	13.4	28.28	53	4200	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

9897

To: **Manager Projects**
Din Houses
Project: M1 House

Dr. Aqsa

Our Ref. No. CL/CED/ 9831 Dated: 11-02-20

Your Ref. No. HM1/M4/LCHS/014 Dated: 03-02-20

COMPRESSION TEST REPORT

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

Specimens received on: 03-02-20 Tested on: 11-02-20 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	Basement Slab	18	1	2020	6Diax12	13.2	28.28	46	3650	Non Engraved
2	Basement Slab	18	1	2020	6Diax12	13.8	28.28	49	3890	Non Engraved
3	Basement Slab	18	1	2020	6Diax12	13.6	28.28	48	3810	Non Engraved
4										
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*** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
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Note: Above results pertain to the unsealed samples supplied to the laboratory

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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

9901

To: **Muhammad Azeem (Operation Manager)** Dr. Aqsa
Amer Adnan Associates, Lahore
Project: Hotel building at 24-A Block E/2, Gulberg III Lahore

Our Ref. No. CL/CED/ 9832 Dated: 11-02-20

Your Ref. No. AAA/24A/0005 Dated: 04-02-20

COMPRESSION TEST REPORT

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

Specimens received on: 04-02-20 Tested on: 11-02-20 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	Capping beam	6	1	2020	6Diax12	14.4	28.28	46	3650	Non Engraved
2	Capping beam	6	1	2020	6Diax12	14	28.28	46	3650	Non Engraved
3	Capping beam	6	1	2020	6Diax12	14	28.28	43	3410	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

9904

To: **Zaroon Construction Services**
Rawalpindi
Project:Nil

Dr. Umbreen

Our Ref. No. CL/CED/ 9833 Dated: 11-02-20

Your Ref. No. Nil Dated: 04-02-20

COMPRESSION TEST REPORT

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

Specimens received on: 04-02-20 Tested on: 06-02-20 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 2020	6x6x6	8.6	36	61	3800	Engraved
2		25 1 2020	6x6x6	8.2	36	61	3800	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

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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

9892

To: **Muhammad Aleem (Maintenance Engineer-1)** Dr. Aqsa
University of the Punjab
Project: (1.) Construction of Centre Passage in Department of ICET at QAC (2.) P/L Tuff Tile From J-37 House to I-1 House in Between Ghand J Type Houses Road in Colony Area at QAC

Our Ref. No. CL/CED/ 9834 Dated: 11-02-20

Your Ref. No. D/550/ME-1 Dated: 18-01-20

COMPRESSION TEST REPORT

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

Specimens received on: 03-02-20 Tested on: 11-02-20 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	2643	29.64	62	4690	
2	Rectangular Grey		7.8x3.8x2.3	2602	29.64	81	6130	
3	Rectangular Grey		7.8x3.8x2.3	2577	29.64	63	4770	
4	Rectangular Grey		7.8x3.8x2.3	2593	29.64	54	4090	
5	Rectangular Grey		7.8x3.8x2.3	2668	29.64	93	7030	
6	Rectangular Grey		7.8x3.8x2.3	2611	29.64	86	6500	
7	Rectangular Red		7.8x3.8x2.3	2594	29.64	25	1890	
8	Rectangular Red		7.8x3.8x2.3	2585	29.64	92	6960	
9	I-Section Grey		2.3 Thick	3834	41.51	190	10260	
10	I-Section Grey		2.3 Thick	3889	41.51	190	10260	
11	I-Section Grey		2.3 Thick	3744	41.51	131	7070	
12	I-Section Grey		2.3 Thick	3721	41.51	171	9230	
13	I-Section Grey		2.3 Thick	3800	41.51	192	10370	
14	I-Section Grey		2.3 Thick	3956	41.51	189	10200	
15	I-Section Red		2.3 Thick	3762	41.51	170	9180	
16	I-Section Red		2.3 Thick	3873	41.51	195	10530	

Results can also be seen on website http://www.uet.edu.pk/faculties/facultiesinfo/department?RID=testing_reports&id=6

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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

9916

To: **Awais Anjum (Assistant Engineer)** Dr. M. Yousaf
University of Okara.
Project: Construction of Motorcycle and Staff Car Parking at University of Okara.

Our Ref. No. CL/CED/ 9835 Dated: 11-02-20

Your Ref. No. Engg.Cell/UO/702 Dated: 07-02-20

COMPRESSION TEST REPORT

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

Specimens received on: 07-02-20 Tested on: 07-02-20 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				6x6x5.9	8.4	36	87	5420	Cut Cube
2										
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

* as engraved on the specimens (if any)
** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
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**** 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**