



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

1451

Dr. Aqsa

To: Mr. Abdullah Hussain (Resident Engineer)

M/s NESPAK (Pvt.) Ltd. Lahore.(Environmental & Public Health Engineering Division)

Project: Public Spaces Upgradation of Existing Parks in Sahiwal & Sialkot, (Lot-2: Works for Upgradation of 4 Existing Parks in Sialkot)

Our Ref. No. CL/CED/ 4172-2of 2 Dated: 07-07-21

Your Ref. No. Nespak/SAH/Uet/027 Dated: 18-06-21

COMPRESSION TEST REPORT

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

Specimens received on: 24-06-21 Tested on: 06-07-21 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		7.8x3.9x3.2	3958	30.42	87	6410	
2	Rectangular Grey		7.8x3.9x3.2	3833	30.42	63	4640	
3	Rectangular Grey		7.8x3.9x3.2	3879	30.42	120	8840	
4	Rectangular Red		7.8x3.9x3.2	3654	30.42	53	3910	
5	Rectangular Red		7.8x3.9x3.2	3529	30.42	54	3980	
6	Rectangular Red		7.8x3.9x3.2	3520	30.42	68	5010	
7	Rectangular Grey		7.8x3.9x2.3	2729	30.42	99	7290	
8	Rectangular Grey		7.8x3.9x2.3	2738	30.42	97	7150	
9	Rectangular Grey		7.8x3.9x2.3	2753	30.42	76	5600	
10	Rectangular Red		7.8x3.9x2.3	2821	30.42	95	7000	
11	Rectangular Red		7.8x3.9x2.3	2869	30.42	85	6260	
12	Rectangular Red		7.8x3.9x2.3	2853	30.42	95	7000	
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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" 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

1508
Engr. Bilal

To: Mr.M. Shahbaz
M/s Imperium Hospitality(Pvt.) Ltd. Lahore.
Project: Nil

Our Ref. No. CL/CED/ 4230 Dated: 07-07-21
Your Ref. No. IHPL/Con/285 Dated: 14-06-20

COMPRESSION TEST REPORT

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

Specimens received on: 01-07-21 Tested on: 06-07-21 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
		1	5	2021						
1	7(8000) Psi	1	5	2021	6Diax12	14.2	28.28	124	9830	Non Engraved
2	8(8000) Psi	1	5	2021	6Diax12	14	28.28	122	9670	Non Engraved
3	9(8000) Psi	1	5	2021	6Diax12	14.2	28.28	112	8880	Non Engraved
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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



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Department of Civil Engineering
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1508
Engr. Bilal

To: **Mr.M. Shahbaz**
M/s Imperium Hospitality(Pvt.) Ltd. Lahore.
Project: Nil

Our Ref. No. CL/CED/ 4231 Dated: 07-07-21
Your Ref. No. IHPL/Con/296 Dated: 29-06-20

COMPRESSION TEST REPORT

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

Specimens received on: 01-07-21 Tested on: 06-07-21 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
		1	5	2021						
1	(4000) Psi	1	5	2021	6Diax12	14.2	28.28	124	9830	Non Engraved
2	(4000) Psi	1	5	2021	6Diax12	14	28.28	122	9670	Non Engraved
3	(4000) Psi	1	5	2021	6Diax12	14.2	28.28	112	8880	Non Engraved
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University of Engineering and Technology, Lahore
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1508
Engr. Bilal

To: Mr.M. Shahbaz
M/s Imperium Hospitality(Pvt.) Ltd. Lahore.
Project: Nil

Our Ref. No. CL/CED/ 4232 Dated: 07-07-21
Your Ref. No. IHPL/Con/286 Dated: 14-06-20

COMPRESSION TEST REPORT

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

Specimens received on: 01-07-21 Tested on: 06-07-21 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	4(8000) Psi	2	5	2021	6Diax12	15	28.28	118	9350	Non Engraved
2	5(8000) Psi	2	5	2021	6Diax12	14.6	28.28	132	10460	Non Engraved
3	6(8000) Psi	2	5	2021	6Diax12	14.8	28.28	122	9670	Non Engraved
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Director/Dy. Director Concrete Laboratory



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1508

Engr. Bilal

To: **Mr.M. Shahbaz**
M/s Imperium Hospitality(Pvt.) Ltd. Lahore.
Project: Nil

Our Ref. No. CL/CED/ 4233 Dated: 07-07-21

Your Ref. No. IHPL/Con/295 Dated: 23-06-20

COMPRESSION TEST REPORT

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

Specimens received on: 01-07-21 Tested on: 06-07-21 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	(8000) Psi	28	4	2021	6Diax12	14	28.28	120	9510	Non Engraved
2	(8000) Psi	28	4	2021	6Diax12	14	28.28	83	6580	Non Engraved
3	(8000) Psi	28	4	2021	6Diax12	14	28.28	122	9670	Non Engraved
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supervisor(lab)

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

To: **M/s ESS-I-AAR Consultant**
Jhang

1480
Dr. Aqsa

Project: Rehabilitation / Improvement of Sewerage System Jhang Phase-1

Our Ref. No. CL/CED/ 4234 Dated: 07-07-21

Your Ref. No. No1024 Dated: 21-06-20

COMPRESSION TEST REPORT

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

Specimens received on: 28-06-21 Tested on: 06-07-21 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	*C*		9.0x4.3x2.9	2841	38.7	28	1630	
2	*C*		8.7x4.2x2.7	2799	36.54	35	2150	
3	*C*		8.8x4.3x2.8	2742	37.84	45	2670	
4	*C*		8.7x4.2x2.8	2852	36.54	41	2520	
5	*C*		8.8x4.3x2.8	2778	37.84	41	2430	
6	*C*		8.7x4.3x2.9	2721	37.84	49	2910	
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supervisor(lab)

Director/Dy. Director Concrete Laboratory



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

1477
Dr. Aqsa

To: Sub Divisional Officer
Building Sub Division No12 Lahore.
Project: Construction of Additional Class Rooms at Govt. Model Girls High School Samanabad Lahore.

Our Ref. No. CL/CED/ 4235 Dated: 07-07-21

Your Ref. No. No.388 Dated: 12-06-21

COMPRESSION TEST REPORT

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

Specimens received on: 28-06-21 Tested on: 06-07-21 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	RA		8.9x4.4x2.9	3153	39.16	58	3320	
2	RA		8.9x4.3x3.0	3291	38.27	61	3570	
3	RA		8.9x4.3x3.0	3290	38.27	59	3460	
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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

1477

Dr. Aqsa

To: **Sub Divisional Officer**

Building Sub Division No12 Lahore.

Project: Construction of Additional Class Rooms at Govt. Model Girls High School Samanabad Lahore.

Our Ref. No. CL/CED/

4236

Dated:

07-07-21

Your Ref. No.

No.390

Dated:

12-06-21

COMPRESSION TEST REPORT

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

Specimens received on:

28-06-21

Tested on:

06-07-21

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	MA		8.8x4.3x3.0	3134	37.84	58	3440	
2	MA		8.9x4.3x2.9	3072	38.27	45	2640	
3	MA		9.0x4.4x3.0	3170	39.6	39	2210	
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supervisor(lab)

Director/Dy. Director Concrete Laboratory



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

1484

Dr. Aqsa

To: **Brig. Saeed Ahmed Malik (Resident Engineer)**

M/s NESPAK(Pvt.) Ltd. Lahore.(Highways and Transportation Division)

Project: Construction of Cover Drain at Dera Shadhoki Nagar and Nagar Village NA-134, PP-70

Our Ref. No. CL/CED/ 4237 Dated: 07-07-21

Your Ref. No. 4084/BSAM/104/01/455 Dated: 21-06-21

COMPRESSION TEST REPORT

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

Specimens received on: 28-06-21 Tested on: 06-07-21 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	110		8.8x4.3x2.9	3153	37.84	44	2610	
2	110		8.8x4.3x3.0	3212	37.84	48	2850	
3	110		8.9x4.4x2.9	3229	39.16	45	2580	
4	110		8.8x4.3x2.9	3179	37.84	50	2960	
5	110		8.8x4.4x3.0	3108	38.28	48	2810	
6	110		8.7x4.3x2.9	3141	37.41	56	3360	
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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



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Phone Nos. 042-99029202, 042-99029217

1509
Dr. Aqsa

To: Sub Divisional Officer
PHE Sub Division-I, Taunsa (M/s Impreza Construction Pvt. Ltd)
Project: Comprehensive Sewerage / Drainage Scheme Taunsa Including Teuff Tiles in Street

Our Ref. No. CL/CED/ 4238 Dated: 07-07-21

Your Ref. No. No.162 Dated: 19-06-21

COMPRESSION TEST REPORT

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

Specimens received on: 02-07-21 Tested on: 06-07-21 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		7.8x3.9x2.4	2662	30.42	61	4500	
2	Rectangular Grey		7.8x3.9x2.4	2842	30.42	108	7960	
3	Rectangular Grey		7.8x3.9x2.4	2689	30.42	87	6410	
4	Rectangular Grey		7.8x3.9x2.4	2670	30.42	97	7150	
5	Rectangular Grey		7.8x3.9x2.4	2748	30.42	90	6630	
6	Rectangular Grey		7.8x3.9x2.4	2768	30.42	75	5530	
7	Rectangular Grey		7.8x3.9x2.4	2821	30.42	90	6630	
8	Rectangular Grey		7.8x3.9x2.4	2691	30.42	81	5970	
9	Rectangular Grey		7.8x3.9x2.4	2790	30.42	92	6780	
10	Rectangular Grey		7.8x3.9x2.4	2684	30.42	69	5090	
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Director/Dy. Director Concrete Laboratory



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Phone Nos. 042-99029202, 042-99029217

1509
Dr. Aqsa

To: Sub Divisional Officer
PHE Sub Division-I, Taunsa (M/s Impreza Construction Pvt. Ltd)
Project: Comprehensive Sewerage / Drainage Scheme Taunsa Including Teuff Tiles in Street

Our Ref. No. CL/CED/ 4238 Dated: 07-07-21

Your Ref. No. No.161 Dated: 19-06-21

COMPRESSION TEST REPORT

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

Specimens received on: 02-07-21 Tested on: 06-07-21 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		7.8x3.9x2.4	2574	30.42	79	5820	
2	Rectangular Grey		7.8x3.9x2.4	2647	30.42	62	4570	
3	Rectangular Grey		7.8x3.9x2.4	2831	30.42	78	5750	
4	Rectangular Grey		7.8x3.9x2.4	2682	30.42	40	2950	
5	Rectangular Grey		7.8x3.9x2.4	2721	30.42	59	4350	
6	Rectangular Grey		7.8x3.9x2.4	2680	30.42	69	5090	
7	Rectangular Grey		7.8x3.9x2.4	2762	30.42	80	5900	
8	Rectangular Grey		7.8x3.9x2.4	2581	30.42	97	7150	
9	Rectangular Grey		7.8x3.9x2.4	2598	30.42	89	6560	
10	Rectangular Grey		7.8x3.9x2.4	2758	30.42	63	4640	
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1500
Dr.Aqsa

To: **Sub Divisional Officer**

Public Health Engg: S/Division Okara (M/s Innovative Concrete Products Pvt. Ltd.)

Project: Tuff Tiles Drain Brick Pavement Sullage Carrier and Tuff Tiles at Chak No. 24/1-AL District Okara (A No. 1351)

Our Ref. No. CL/CED/ 4240 Dated: 07-07-21

Your Ref. No. No.550 Dated: 14-06-21

COMPRESSION TEST REPORT

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

Specimens received on: 30-06-21 Tested on: 01-07-21 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		2.3 Thick	3424	37.42	170	10180	
2	Uni-Block Grey		2.3 Thick	3375	37.42	178	10660	
3	Uni-Block Grey		2.3 Thick	3380	37.42	184	11020	
4	Uni-Block Grey		2.3 Thick	3410	37.42	170	10180	
5	Uni-Block Grey		2.3 Thick	3391	37.42	170	10180	
6	Uni-Block Grey		2.3 Thick	3406	37.42	183	10960	
7								
8								
9								
10								
11								
12								
13								
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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

* 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