



Plain and Reinforced Concrete Laboratory

Department of Civil Engineering

University of Engineering and Technology, Lahore

Phone Nos. 042-99029202, 042-99029217

9993

Dr. Aqsa

To: **Abdullah Hussain (Resident Engineer)**

E&PHE Div., NESPAK (Pvt.) Ltd. Lahore / (M/s HCS-MASTIC JV)

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/ 9978 Dated: 04-03-20

Your Ref. No. Nespak/SAH/UET/08 Dated: 24-02-20

COMPRESSION TEST REPORT

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

Specimens received on: 24-02-20 Tested on: 03-03-20 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	2731	29.64	103	7660	
2	Rectangular Grey		7.8x3.8x2.3	2726	29.64	108	8040	
3	Rectangular Grey		7.8x3.8x2.3	2772	29.64	112	8330	
4	Rectangular Red		7.8x3.8x2.3	2731	29.64	90	6700	
5	Rectangular Red		7.8x3.8x2.3	2718	29.64	120	8930	
6	Rectangular Red		7.8x3.8x2.3	2739	29.64	90	6700	
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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

10013
Dr. Aqsa

To: Muhammad Affan (Project Manager)
ICON Residencia, Lahore
Project: Raft Foundation

Our Ref. No. CL/CED/ 9979 Dated: 04-03-20
Your Ref. No. Nil Dated: 24-02-20

COMPRESSION TEST REPORT

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

Specimens received on: 26-02-20 Tested on: 27-02-20 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	4000 Psi	18	1	2020	6Diax12	14	28.28	36	2810	Non Engraved
2	4000 Psi	18	1	2020	6Diax12	14	28.28	37	2890	Non Engraved
3	4000 Psi	18	1	2020	6Diax12	14	28.28	43	3360	Non Engraved
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Phone Nos. 042-99029202, 042-99029217

10014
Dr. Aqsa

To: **M. Sohail Anjum (Project Manager)**
P-156Gulberg-II, Lahore
Project: Construction of P-156Gulberg-II, Lahore

Our Ref. No. CL/CED/ 9980 Dated: 04-03-20
Your Ref. No. P-156-087 Dated: 26-02-20

COMPRESSION TEST REPORT

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

Specimens received on: 26-02-20 Tested on: 27-02-20 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	366 (3000 Psi)	18	2	2020	6Diax12	14	28.28	22	1720	Non Engraved
2	367 (3000 Psi)	18	2	2020	6Diax12	14	28.28	19	1490	Non Engraved
3	368 (3000 Psi)	18	2	2020	6Diax12	14	28.28	10	780	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

10030
Dr. Aqsa

To: **M. Sohail Anjum (Project Manager)**
P-156Gulberg-II, Lahore
Project: Construction of P-156Gulberg-II, Lahore

Our Ref. No. CL/CED/ 9981 Dated: 04-03-20
Your Ref. No. P-156-089 Dated: 02-03-20

COMPRESSION TEST REPORT

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

Specimens received on: 02-03-20 Tested on: 03-03-20 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	376 (3000 Psi)	21	2	2020	6Diax12	14	28.28	31	2420	Non Engraved
2	377 (3000 Psi)	21	2	2020	6Diax12	14	28.28	27	2110	Non Engraved
3	378 (3000 Psi)	21	2	2020	6Diax12	14	28.28	31	2420	Non Engraved
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supervisor(lab)

Director/Dy. Director Concrete Laboratory



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Phone Nos. 042-99029202, 042-99029217

10030
Dr. Aqsa

To: **M. Sohail Anjum (Project Manager)**
P-156Gulberg-II, Lahore
Project: Construction of P-156Gulberg-II, Lahore

Our Ref. No. CL/CED/ 9982 Dated: 04-03-20
Your Ref. No. P-156-088 Dated: 02-03-20

COMPRESSION TEST REPORT

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

Specimens received on: 02-03-20 Tested on: 03-03-20 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	2	Wet Weight (gms)						
1	305 (3000 Psi)	1	2	2020	6Diax12	14	28.28	42	3280	Non Engraved
2	306 (3000 Psi)	1	2	2020	6Diax12	14	28.28	38	2970	Non Engraved
3	307 (3000 Psi)	1	2	2020	6Diax12	14	28.28	39	3040	Non Engraved
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10015
Dr. Aqsa

To: Adnan Jamil (Resident Engineer)
Amad Anwar & Partners, Lahore
Project: RCC Third Floor Slab of 139 CCA Phase-V, DHA Lahore

Our Ref. No. CL/CED/ 9983 Dated: 04-03-20
Your Ref. No. Nil Dated: 26-02-20

COMPRESSION TEST REPORT

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

Specimens received on: 26-02-20 Tested on: 27-02-20 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	(3000 Psi)	29	1	2020	6Diax12	14	28.28	71	5540	Non Engraved
2	(3000 Psi)	29	1	2020	6Diax12	14	28.28	59	4600	Non Engraved
3	(3000 Psi)	29	1	2020	6Diax12	14	28.28	43	3360	Non Engraved
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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

10016

Dr. Aqsa

To: Assistant Resident Engineer

ES Consultants (Pvt.) Ltd. Lahore

Project: Construction of Additional Class Rooms in Selected Schools of Punjab (Package-2) (Govt Girls Primary School Naseerabad Distt. Kasur, Tehsil Kasur)

Our Ref. No. CL/CED/ 9984 Dated: 04-03-20

Your Ref. No. ESC/PMIU/P2/0060 Dated: 26-02-20

COMPRESSION TEST REPORT

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

Specimens received on: 26-02-20 Tested on: 27-02-20 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		31	1	2020	6x6x6	8.2	36	36	2210	Non Engraved
2		31	1	2020	6x6x6	8.2	36	37	2270	Non Engraved
3										
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10017
Dr. Aqsa

To: Malik Faisal Hussain Awan (Material Engineer)
Tetra Engineering Pvt. Ltd. Lahore (Arif Associates Lahore)
Project: IHPL Gulberg Lahore

Our Ref. No. CL/CED/ 9985 Dated: 04-03-20

Your Ref. No. Tetra/BD-01202/2020 Dated: 25-02-20

COMPRESSION TEST REPORT

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

Specimens received on: 26-02-20 Tested on: 27-02-20 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	(2 / 5000)	12	2	2020	6Diax12	14	28.28	41	3200	Non Engraved
2	(3 / 5000)	12	2	2020	6Diax12	14	28.28	57	4450	Non Engraved
3	(6 / 5000)	12	2	2020	6Diax12	13.2	28.28	63	4910	Non Engraved
4	(1 / 6000)	12	2	2020	6Diax12	14	28.28	69	5380	Non Engraved
5	(5 / 6000)	12	2	2020	6Diax12	14	28.28	76	5930	Non Engraved
6	(6 / 6000)	12	2	2020	6Diax12	13.4	28.28	68	5300	Non Engraved
7	(3 / 7000)	12	2	2020	6Diax12	14	28.28	67	5230	Non Engraved
8	(7 / 7000)	12	2	2020	6Diax12	14	28.28	58	4520	Non Engraved
9	(8 / 7000)	12	2	2020	6Diax12	14	28.28	74	5770	Non Engraved
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Plain and Reinforced Concrete Laboratory

Department of Civil Engineering

University of Engineering and Technology, Lahore

Phone Nos. 042-99029202, 042-99029217

10018

Dr. Aqsa

To: M. Sohail Wali (Resident Engineer-II)

H&TE Div., Nespak (Pvt.) Ltd. Lahore / (M/S A.W Enterprises)

Project: Upgradation of Radiology/Specialties Department at Service Hospital Lahore, (Construction of 03 Sides Roads Around Building)

Our Ref. No. CL/CED/

9986

Dated:

04-03-20

Your Ref. No.

3772/SIMS/3SR/020/MSW/04

Dated:

27-01-20

COMPRESSION TEST REPORT

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

Specimens received on:

26-02-20

Tested on:

03-03-20

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		7.8x3.8x2.2	2747	29.64	99	7370	
2	Rectangular Grey		7.8x3.8x2.2	2776	29.64	138	10270	
3	Rectangular Grey		7.8x3.8x2.2	2769	29.64	127	9450	
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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

10018

To: **M. Sohail Wali (Resident Engineer-II)**

Dr. Aqsa

H&TE Div., Nespak (Pvt.) Ltd. Lahore / (M/S A.W Enterprises)

Project: Upgradation of Radiology/Specialties Department at Service Hospital, Lahore (Construction of 03 Sides Roads Around Building)

Our Ref. No. CL/CED/ 9987 Dated: 04-03-20

Your Ref. No. 3772/SIMS/3SR/020/MSW/03 Dated: 22-01-20

COMPRESSION TEST REPORT

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

Specimens received on: 26-02-20 Tested on: 03-03-20 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		6x6x6	8.1	36	72	4410	Cut Cube
2	Kerb Stone		6x6x6	8.2	36	56	3430	Cut Cube
3	Kerb Stone		6x6x6	8.2	36	59	3620	Cut Cube
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Department of Civil Engineering

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Phone Nos. 042-99029202, 042-99029217

10022

Dr. M. Yousaf

To: Engr. Ghulam Sarwar (Resident Engineer)

Velosi Integrity & Safety Pakistan (Pvt.) Ltd.

Project: Construction of New Dispatch Office, Computer Base Interlockin and Central Control Building at Lahore Railway Station

Our Ref. No. CL/CED/

9988

Dated:

04-03-20

Your Ref. No.

V84-L-IFCO-34

Dated:

27-02-20

COMPRESSION TEST REPORT

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

Specimens received on: 27-02-20 Tested on: 27-02-20 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	First / 2nd Floor	24	1	2020	6Diax12	13	28.28	16	1250	Non Engraved
2	First / 2nd Floor	24	1	2020	6Diax12	13	28.28	19	1490	Non Engraved
3	First / 2nd Floor	24	1	2020	6Diax12	13	28.28	17	1330	Non Engraved
4										
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Director/Dy. Director Concrete Laboratory



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10023

Dr. M. Yousaf

To: Safdar Iqbal Ahmad Tarar (Assistant Executive Engineer-III)
Central Civil Division No.II, Pak P.W.D., Lahore
Project: Construction of Barrack in NAB Complex Lahore

Our Ref. No. CL/CED/ 9989 Dated: 04-03-20

Your Ref. No. AEE-III/CCD-II/LHR/306 Dated: 21-02-20

COMPRESSION TEST REPORT

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

Specimens received on: 27-02-20 Tested on: 27-02-20 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
		16	12	2019						
1	Ground Floor Columns	16	12	2019	6x6x6	8.6	36	57	3490	Non Engraved
2	Ground Floor Columns	16	12	2019	6x6x6	9	36	85	5210	Non Engraved
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**** 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

10023

Dr. M. Yousaf

To: Safdar Iqbal Ahmad Tarar (Assistant Executive Engineer-III)
Central Civil Division No.II, Pak P.W.D., Lahore
Project: Construction of Barrack in NAB Complex Lahore

Our Ref. No. CL/CED/ 9990 Dated: 04-03-20

Your Ref. No. AEE-III/CCD-II/LHR/307 Dated: 21-02-20

COMPRESSION TEST REPORT

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

Specimens received on: 27-02-20 Tested on: 27-02-20 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	Ground Floor Beams & Slab	25	1	2020	6x6x6	8.6	36	75	4600	Non Engraved
2	Ground Floor Beams & Slab	25	1	2020	6x6x6	8.4	36	77	4720	Non Engraved
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
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)

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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

10023

Dr. M. Yousaf

To: Safdar Iqbal Ahmad Tarar (Assistant Executive Engineer-III)
Central Civil Division No.II, Pak P.W.D., Lahore
Project: Construction of Barrack in NAB Complex Lahore

Our Ref. No. CL/CED/ 9991 Dated: 04-03-20

Your Ref. No. AEE-III/CCD-II/LHR/312 Dated: 26-02-20

COMPRESSION TEST REPORT

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

Specimens received on: 27-02-20 Tested on: 27-02-20 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	1st Floor Columns	28	1	2020	6x6x6	8.8	36	78	4780	Non Engraved
2	1st Floor Columns	28	1	2020	6x6x6	9	36	76	4660	Non Engraved
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										

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