



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

1421
Dr .Aqsa

To: Mr. M. Ahmad (Asst. Manager QA/QC)
M/s Reon Energy Solutions (Pvt.) Ltd. Karachi
Project: PTC Jehlum

Our Ref. No. CL/CED/ 4118 Dated: 25-06-21

Your Ref. No. QHSE/ 21/30 Dated: 16-06-21

COMPRESSION TEST REPORT

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

Specimens received on: 17-06-21 Tested on: 24-06-21 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
		2	6	2021						
1	BMC-1 (Dry Curing)	2	6	2021	6Diax12	13.2	28.28	69	5470	Non Engraved
2	KC-1 (Dry Curing)	2	6	2021	6Diax12	12.4	28.28	13	1030	Non Engraved
3	BMC-2 (Wet Curing)	2	6	2021	6Diax12	13	28.28	63	4990	Non Engraved
4	KC-2 (Wet Curing)	2	6	2021	6Diax12	12.4	28.28	13	1030	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 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



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Phone Nos. 042-99029202, 042-99029217

1427
Dr. Aqsa

To: **M/s Alamgir Developers (Pvt.) Ltd.**
Lahore.

Project: Mall of Gulberg Opposite Hafeez Centre Lahore

Our Ref. No. CL/CED/ 4119 Dated: 25-06-21

Your Ref. No. Nil Dated: 18-06-21

COMPRESSION TEST REPORT

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

Specimens received on: 18-06-21 Tested on: 24-06-21 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
		5	6	2021						
1		5	6	2021	6Diax12	12.8	28.28	37	2940	Non Engraved
2		5	6	2021	6Diax12	13	28.28	35	2780	Non Engraved
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1412
Dr.Aqsa

To: Mr. M. Aqeel Bhatti (Project Manager)
M/s Kingcrete Builders (Pvt.) Ltd. Lahore
Project: Construction of Cargo Building at Allama Iqbal International Airport Lahore

Our Ref. No. CL/CED/ 4120 Dated: 25-06-21

Your Ref. No. KB/GD/CB/AHA-LHR/70 Dated: 15-06-21

COMPRESSION TEST REPORT

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

Specimens received on: 16-06-21 Tested on: 24-06-21 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		7.8x3.9x3.0	3596	30.42	42	3100	
2	Rectangular Grey		7.8x3.9x3.0	3497	30.42	42	3100	
3	Rectangular Grey		7.8x3.9x3.0	3410	30.42	36	2660	
4	Rectangular Grey		7.8x3.9x3.0	3413	30.42	44	3240	
5	Rectangular Grey		7.8x3.9x3.0	3548	30.42	38	2800	
6	Rectangular Grey		7.8x3.9x3.0	3427	30.42	31	2290	
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Department of Civil Engineering

University of Engineering and Technology, Lahore

Phone Nos. 042-99029202, 042-99029217

1433

Dr. Aqsa

To: Engr. Ahmad Husnain (Asst. Manager Cordination)

M/s Izhar Construction (Pvt.) Ltd. Lahore

Project: Construction of Mill Building & Cotton Godowns at Nishat Mills Ltd., Sahianwala, Faisalabad

Our Ref. No. CL/CED/ 4121 Dated: 25-06-21

Your Ref. No. ICPL/CONST-NML/21/075 Dated: 21-06-21

COMPRESSION TEST REPORT

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

Specimens received on: 21-06-21 Tested on: 24-06-21 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	Lab#C191(4)	20	5	21		8.2	36	56	3490	Non Engraved
2	Lab#C191(5)	20	5	21		8.2	36	51	3180	Non Engraved
3	Lab#C191(6)	20	5	21		8.8	36	62	3860	Non Engraved
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1397

Dr.Aqsa

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

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

Project: Rehabilitation of PCC Khan Colony Christian Abadi Colony Nawaz Sharif Colony Main Bazaar Near Model katachary Gopal Nagar Gulberg-III Naseer Abad Henry Naseer Abad Colony G rumangat Road, Lahore

Our Ref. No. CL/CED/ 4122 Dated: 25-06-21

Your Ref. No. 4084/103/BSAM/104/392 Dated: 24-04-21

COMPRESSION TEST REPORT

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

Specimens received on: 14-06-21 Tested on: 24-06-21 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		15	5	21		7.6	36	46	2870	Non Engraved
2		15	5	21		7.6	36	58	3610	Non Engraved
3		15	5	21		7.6	36	66	4110	Non Engraved
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1448

Dr. Aqsa

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

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

Project: Rehabilitation of PCC Street Tufail Street link Chaudhary Street Linyh Gillani Street Dispensary Wali and Rehabilitation of Road Gillani Street Chaudhary Street and Qureshi Street (Portion) UC-67

Our Ref. No. CL/CED/ 4123 Dated: 25-06-21

Your Ref. No. 4084/103/BSAM/104/447 Dated: 16-06-21

COMPRESSION TEST REPORT

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

Specimens received on: 23-06-21 Tested on: 24-06-21 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		16	5	21		8.4	36	73	4550	Non Engraved
2		16	5	21		8.2	36	76	4730	Non Engraved
3		16	5	21		8.2	36	72	4480	Non Engraved
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Department of Civil Engineering

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Phone Nos. 042-99029202, 042-99029217

1414

Dr. Aqsa

To: Sub Divisional Officer

Building Sub Division, Pindi Bhattian

Project: Strengthening of Basic Health Units of Punjab One at Jandraka Tehsil Pindi Bhattian

Our Ref. No. CL/CED/

4124

Dated:

25-06-21

Your Ref. No.

No.87

Dated:

29-05-21

COMPRESSION TEST REPORT

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

Specimens received on:

16-06-21

Tested on:

24-06-21

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	12		8.8x4.3x3.0	3143	37.84	41	2430	
2	12		8.7x4.3x2.9	3060	37.41	62	3720	
3	12		8.9x4.3x2.8	3109	38.27	26	1530	
4	12		8.8x4.3x2.9	3134	37.84	36	2140	
5	12		8.7x4.3x3.0	2920	37.41	56	3360	
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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

1332

Dr. Aqsa

To: Engr. Bilal Yaqoob Virk (Asst. Executive Engineer-II)

CCD, 85-A Judicial Colony, Pak PWD. Gujrawanwala

Project: Enhancement & Expansion of Building Infrastructure of NHMP training College Sheikhpura Phase-1 (SH: Establishment of Mess Block)

Our Ref. No. CL/CED/ 4125 Dated: 25-06-21

Your Ref. No. AEE-IICCD/GA/Work/ NHMP/P-I/ Lab/56 Dated: 28-05-21

COMPRESSION TEST REPORT

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

Specimens received on: 03-06-21 Tested on: 24-06-21 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	M		8.8x4.3x2.7	3148	37.84	66	3910	
2	M		8.7x4.3x2.8	3189	37.41	54	3240	
3	M		8.8x4.3x2.9	3173	37.84	53	3140	
4	M		8.7x4.2x2.8	3210	36.54	40	2460	
5	M		8.8x4.3x2.8	3098	37.84	31	1840	
6	M		8.7x4.3x2.7	3154	37.41	35	2100	
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14								
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16								

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Department of Civil Engineering

University of Engineering and Technology, Lahore

Phone Nos. 042-99029202, 042-99029217

1319

Dr. Aqsa

To: **Mr. Muneeb Ur Rehman (Sr. District Engineer)**
M/s Humqadam (SCRP) Program IMC WorldWide, Sialkot.
Project: Ferro- Fitting / Humqadam SCR-P-Sialkot

Our Ref. No. CL/CED/ 4126 Dated: 25-06-21

Your Ref. No. Nil Dated: 02-05-21

COMPRESSION TEST REPORT

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

Specimens received on: 02-06-21 Tested on: 24-06-21 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	GGHS JC	5	5	2021	2x2x2	258	4	20	11020	Mortar Cube
2	GGHS JC	5	5	2021	2x2x2	264	4	19	10470	Mortar Cube
3	GGPS Galotian Kalan	5	5	2021	2x2x2	263	4	6	3310	Mortar Cube
4	GGPS Galotian Kalan	5	5	2021	2x2x2	268	4	19	10470	Mortar Cube
5	GPS Ram Raian	5	5	2021	2x2x2	257	4	18	9920	Mortar Cube
6	GPS Ram Raian	5	5	2021	2x2x2	253	4	19	10470	Mortar Cube
7	GPS Noul	5	5	2021	2x2x2	262	4	15	8270	Mortar Cube
8	GPS Noul	5	5	2021	2x2x2	261	4	17	9370	Mortar Cube
9										
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11										
12										
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Phone Nos. 042-99029202, 042-99029217

1319

Dr. Aqsa

To: **Mr. Muneeb Ur Rehman (Sr. District Engineer)**
M/s Humqadam (SCRP) Program IMC WorldWide, Sialkot.
Project: Ferro- Fitting / Humqadam SCR-P-Sialkot

Our Ref. No. CL/CED/ 4127 Dated: 25-06-21

Your Ref. No. Nil Dated: 02-05-21

COMPRESSION TEST REPORT

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

Specimens received on: 02-06-21 Tested on: 24-06-21 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	GGPS Habib Abad	27	5	2021	2x2x2	271	4	21	11580	Mortar Cube
2	GGPS Habib Abad	27	5	2021	2x2x2	246	4	18	9920	Mortar Cube
3	GPS Channi Malo	27	5	2021	2x2x2	247	4	9	4960	Mortar Cube
4	GPS Channi Malo	27	5	2021	2x2x2	252	4	16	8820	Mortar Cube
5	GPS Rajaday	27	5	2021	2x2x2	259	4	20	11020	Mortar Cube
6	GPS Rajaday	27	5	2021	2x2x2	261	4	9	4960	Mortar Cube
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Phone Nos. 042-99029202, 042-99029217

1461

Dr. Burhan Sharif

To: **Mr. M. Ayoub**
Afghana Wala District Bhukkar
Project: Nil

Our Ref. No. CL/CED/ 4128 Dated: 25-06-21

Your Ref. No. Nil Dated: 24-06-21

COMPRESSION TEST REPORT

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

Specimens received on: 24-06-21 Tested on: 25-06-21 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		3	6	2021	6Diax12	14	28.28	49	3890	Non Engraved
2		3	6	2021	6Diax12	13.6	28.28	47	3730	Non Engraved
3										
4										
5										
6										
7										
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Director/Dy. Director Concrete Laboratory



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Department of Civil Engineering

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Phone Nos. 042-99029202, 042-99029217

1459

To: **Mr. Mustehson Ali Khan (Site Engineer)**
M/s Flag Square Builder's (Pvt.) Ltd. Lahore.
Project: Construction of Palace Mall

Dr. Burhan Sharif

Our Ref. No. CL/CED/ 4129 Dated: 25-06-21

Your Ref. No. PM/12 Dated: 24-06-21

COMPRESSION TEST REPORT

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

Specimens received on: 24-06-21 Tested on: 25-06-21 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	(3000) Psi	17	6	2021	6Diax12	14.6	28.28	39	3090	Non Engraved
2	(3000) Psi	17	6	2021	6Diax12	14.4	28.28	39	3090	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)

** 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 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

1409

Dr. Umbreen

To: **Mr. M. Farooq Ashraf (Resident Engineer)**
Metroplan-Asian JV,
Project: Construction of Palace Mall

Our Ref. No. CL/CED/ 4130 Dated: 25-06-21

Your Ref. No. PM/12 Dated: 24-06-21

COMPRESSION TEST REPORT

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

Specimens received on: 24-06-21 Tested on: 25-06-21 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	(3000) Psi	17	6	2021	6Diax12	14.6	28.28	39	3090	Non Engraved
2	(3000) Psi	17	6	2021	6Diax12	14.4	28.28	39	3090	Non Engraved
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										

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* 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

1464

Dr. Umbreen

To: Mr. Malik Faisal Hussian

M/s Tetra Engineering (Pvt.) Ltd. Lahore. (Condroll Pvt. Ltd.) (Beacon House)

Project: TNS Beacon House 23/E-2, Gulberg III, Lahore.

Our Ref. No. CL/CED/ 4131 Dated: 25-06-21

Your Ref. No. TRM/Lab/00128-21 Dated: 24-02-21

COMPRESSION TEST REPORT

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

Specimens received on: 25-06-21 Tested on: 25-06-21 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	(4000) Psi	18	6	2021	6Diax12	14	28.28	47	3730	Non Engraved
2	(4000) Psi	18	6	2021	6Diax12	14.4	28.28	33	2620	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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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