



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

10050
Dr. Aqsa

To: Muhammad Yasir Khan (Manager Construction)
Vision Developers (Pvt.) Ltd. Lahore
Project: 12 E DHA Phase 8

Our Ref. No. CL/CED/ 29 Dated: 11-03-20
Your Ref. No. Nil Dated: 06-03-20

COMPRESSION TEST REPORT

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

Specimens received on: 06-03-20 Tested on: 10-03-20 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
		Month	Day	Year						
1		8	2	2020	6Diax12	13.6	28.28	52	4060	Non Engraved
2		8	2	2020	6Diax12	14	28.28	55	4290	Non Engraved
3		8	2	2020	6Diax12	14	28.28	63	4910	Non Engraved
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Results can also be seen on website http://www.uet.edu.pk/faculties/facultiesinfo/departments/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



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10051
Dr. Aqsa

To: Saqib Haroon (Site Engineer UMT)
University of Management and Technology, Lahore
Project: Construction of Multi-story Building for the Campus Expansion

Our Ref. No. CL/CED/ 30 Dated: 11-03-20

Your Ref. No. Nil Dated: 06-03-20

COMPRESSION TEST REPORT

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

Specimens received on: 06-03-20 Tested on: 10-03-20 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	3000 Psi	22	1	2020	6Diax12	14	28.28	59	4600	Engraved
2	3000 Psi	22	1	2020	6Diax12	13.8	28.28	67	5230	Engraved
3	3000 Psi	22	1	2020	6Diax12	13.8	28.28	64	4990	Engraved
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10052
Dr. Aqsa

To: Arfan UI Haq (Resident Engineer)
H&TE Sec., Nespak (Pvt.) Ltd. Islamabad / (M/s Izhar Concrete Pvt. Ltd.)
Project: China-Pakistan Economic Corridor (CPEC), Western Route Hakla (on M1) ~ Yarak (D.I.Khan)
Motorway, Package-3 (Tarap to Kot Belian)

Our Ref. No. CL/CED/ 31 Dated: 11-03-20

Your Ref. No. CPEC/NESPAK/PKG3/19/1407 Dated: 25-02-20

COMPRESSION TEST REPORT

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

Specimens received on: 06-03-20 Tested on: 10-03-20 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	Kerb Stone				6x6x5.8	8.4	36	73	4470	Cut Cube
2	Kerb Stone				6x6x5.8	8.2	36	77	4720	Cut Cube
3	Kerb Stone				6x6x5.7	8	36	82	5020	Cut Cube
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10053
Dr. Aqsa

To: Arfan UI Haq (Resident Engineer)
H&TE Sec., Nespak (Pvt.) Ltd. Islamabad / (M/s Brightech Engineers)
Project: China-Pakistan Economic Corridor (CPEC), Western Route Hakla (on M1) ~ Yarak (D.I.Khan)
Motorway, Package-3 (Tarap to Kot Belian)

Our Ref. No. CL/CED/ 32 Dated: 11-03-20

Your Ref. No. CPEC/NESPAK/PKG3/20/1396 Dated: 20-02-20

COMPRESSION TEST REPORT

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

Specimens received on: 06-03-20 Tested on: 10-03-20 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	RCC Post		6x6x5.9	7.8	36	89	5450	Cut Cube
2	RCC Post		6x5.9x5.9	7.8	35.4	98	6110	Cut Cube
3	RCC Post		6x6x6	7.8	36	74	4530	Cut Cube
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10062
Dr. Aqsa

To: Altaf Hussain (M.E)
AS Enterprises (AA Associates)
Project: Style Textile Raiwand

Our Ref. No. CL/CED/ 33 Dated: 11-03-20
Your Ref. No. USD/ASE/18 Dated: 09-03-20

COMPRESSION TEST REPORT

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

Specimens received on: 09-03-20 Tested on: 10-03-20 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	C-20 (285) U-I, II, III	2	3	2020	6x6x6	8.2	36	63	3860	Non Engraved
2	C-20 (285) U-I, II, III	2	3	2020	6x6x6	8.4	36	61	3740	Non Engraved
3	C-20 (285) U-I, II, III	2	3	2020	6x6x6	8.2	36	64	3920	Non Engraved
4	C-30 (284) U-I, II, III	2	3	2020	6x6x6	8.4	36	69	4230	Non Engraved
5	C-30 (284) U-I, II, III	2	3	2020	6x6x6	8.5	36	68	4170	Non Engraved
6	C-30 (284) U-I, II, III	2	3	2020	6x6x6	8.4	36	63	3860	Non Engraved
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10066

Engr. Abdul Rehman

To: **Haider Irfan (Project Manager)**

Roots International School

Project: Roots International School Palm Tree Campus Sialkot

Our Ref. No. CL/CED/

34

Dated:

11-03-20

Your Ref. No.

RIS/SB/SKT0729022020

Dated:

29-02-20

COMPRESSION TEST REPORT

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

Specimens received on:

10-03-20

Tested on:

11-03-20

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	RCC (1 : 2 : 4)	22	2	2020	6Diax12	13	28.28	34.6	2700	Engraved
2	RCC (1 : 2 : 4)	22	2	2020	6Diax12	13	28.28	30.5	2380	Engraved
3	RCC (1 : 2 : 4)	22	2	2020	6Diax12	13	28.28	34.5	2690	Engraved
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10079

Dr. Mazhar Saleem

To: **Nasir Mahmood Khan (Partner)**

N.A. Associates, Lahore

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

Our Ref. No. CL/CED/ 35 Dated: 11-03-20

Your Ref. No. NAA/Bill/44-D-I/14 Dated: 11-03-20

COMPRESSION TEST REPORT

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

Specimens received on: 11-03-20 Tested on: 11-03-20 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
		2	3	2020						
1	Basement Roof Slab, 1	2	3	2020	6Diax12	14	28.28	31.5	2460	Non Engraved
2	Basement Roof Slab, 1	2	3	2020	6Diax12	13.1	28.28	34.5	2690	Non Engraved
3	Basement Roof Slab, 1	2	3	2020	6Diax12	14	28.28	35.7	2790	Non Engraved
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