



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

9753

Dr. Aqsa

To: **Muhammad Shafiq, Engineer Representative**

Construction Management Division.NESPAK (Pvt) Ltd. (M/s ZKB Reliable (J.V) Constt. Company.)

Project: Package 1: Construction of Entrance Gate, Security Road, Boundary Wall and Watch Towers of Lahore Knowledge Park.

Our Ref. No. CL/CED/ 9672 Dated: 14-01-20

Your Ref. No. 3957/13/MS/10/251 Dated: 02-01-20

COMPRESSION TEST REPORT

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

Specimens received on: 02-01-20 Tested on: 13-01-20 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	IMI		8.8x4.3x2.8	2790	37.84	51	3020	
2	IMI		8.8x4.3x2.8	2731	37.84	49	2910	
3	IMI		8.7x4.3x2.9	2787	37.41	49	2940	
4	IMI		8.8x4.4x2.8	2769	38.72	61	3530	
5	IMI		8.7x4.3x2.9	2720	37.41	52	3120	
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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



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9754
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To: Sub Divisional Officer
Changa Manga Sub Division Changa Manga.
Project: " Concrete Side Protection of Rakh Disty RD. 35+300 To 81+180 (Package-B)"

Our Ref. No. CL/CED/ 9673 Dated: 14-01-20
Your Ref. No. 337/ IE / 4 Dated: 26-12-19

COMPRESSION TEST REPORT

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

Specimens received on: 02-01-20 Tested on: 13-01-20 in dry/wet condition

Sl. 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	NBC		8.8x4.4x2.8	3180	38.72	41	2380	
2	NBC		8.8x4.4x2.8	3195	38.72	37	2140	
3	NBC		8.8x4.3x2.8	3135	37.84	46	2730	
4	NBC		8.8x4.4x2.8	3252	38.72	14	810	
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9788

Dr. Aqsa

To: (Khalid Bashir)

Ittefaq Building Solutions Pvt. Ltd.

Project: MacDonald's Restaurant Y-Block, Phase III DHA, Lahore.

Our Ref. No. CL/CED/

9674

Dated:

14-01-20

Your Ref. No.

IBS/MC/CT09

Dated:

10-01-20

COMPRESSION TEST REPORT

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

Specimens received on:

10-01-20

Tested on:

14-01-20

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		7.7x3.8x2.3	2699	29.26	103	7890	
2	Rectangular Grey		7.7x3.8x2.3	2706	29.26	111	8500	
3	Rectangular Grey		7.7x3.8x2.3	2712	29.26	121	9270	
4	Rectangular Red		7.7x3.8x2.3	2834	29.26	114	8730	
5	Rectangular Red		7.7x3.8x2.3	2799	29.26	120	9190	
6	Rectangular Red		7.7x3.8x2.3	2811	29.26	122	9340	
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