



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

9816

Dr. M. Yousaf

**To: Khalid Bashir**  
**Ittefaq Building Solutions (Pvt.) Ltd. Lahore**  
**Project: Macdonalds Restaurant Y-Block Phase-III DHA, Lahore**

Our Ref. No. CL/CED/ 9688 Dated: 20-01-20

Your Ref. No. IBS/MC/CT10 Dated: 17-01-20

## COMPRESSION TEST REPORT

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

Specimens received on: 17-01-20 Tested on: 20-01-20 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	Columns	17	12	2019	6Diax12	13	28.28	38	3010	Non Engraved
2	Columns	17	12	2019	6Diax12	14	28.28	58	4600	Non Engraved
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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" 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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**Department of Civil Engineering**  
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Phone Nos. 042-99029202, 042-99029217

9816

Dr. M. Yousaf

**To: Khalid Bashir**  
**Ittefaq Building Solutions (Pvt.) Ltd. Lahore**  
**Project: Macdonalds Restaurant Y-Block Phase-III DHA, Lahore**

Our Ref. No. CL/CED/ 9689 Dated: 20-01-20

Your Ref. No. IBS/MC/CT11 Dated: 17-01-20

## COMPRESSION TEST REPORT

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

Specimens received on: 17-01-20 Tested on: 20-01-20 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	Columns	17	12	2019	6Diax12	14	28.28	73	5790	Non Engraved
2	Columns	17	12	2019	6Diax12	14	28.28	68	5390	Non Engraved
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**supervisor(lab)**

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Phone Nos. 042-99029202, 042-99029217

9755

Dr. M. Yousaf

**To: Ahmad Associates**  
**New Garden Town, Lahore**  
**Project: Khaadi Bahawalpur**

Our Ref. No. CL/CED/ 9690 Dated: 20-01-20

Your Ref. No. Khaadi Bahawalpur Dated: 02-01-20

## COMPRESSION TEST REPORT

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

Specimens received on: 02-01-20 Tested on: 20-01-20 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		5	12	2019	6x6x6	8.8	36	53	3300	Engraved
2		5	12	2019	6x6x6	8.2	36	68	4240	Engraved
3		5	12	2019	6x6x6	8.4	36	58	3610	Engraved
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**supervisor(lab)**

**Director/Dy. Director Concrete Laboratory**



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Phone Nos. 042-99029202, 042-99029217

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

9796  
Dr. Aqsa

Our Ref. No. CL/CED/ 9691 Dated: 20-01-20  
Your Ref. No. P-156-057 Dated: 13-01-20

## COMPRESSION TEST REPORT

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

Specimens received on: 14-01-20 Tested on: 17-01-20 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	182 (3000 Psi)	15	12	2019	6Diax12	14	28.28	38	3010	Non Engraved
2	183 (3000 Psi)	15	12	2019	6Diax12	14	28.28	45	3570	Non Engraved
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9796  
Dr. Aqsa

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

Our Ref. No. CL/CED/ 9692 Dated: 20-01-20  
Your Ref. No. P-156-058 Dated: 14-01-20

## COMPRESSION TEST REPORT

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

Specimens received on: 14-01-20 Tested on: 17-01-20 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	225 (4500 Psi)	7	1	2020	6Diax12	14.2	28.28	55	4360	Non Engraved
2	226 (4500 Psi)	7	1	2020	6Diax12	14.2	28.28	56	4440	Non Engraved
3	227 (4500 Psi)	7	1	2020	6Diax12	14.6	28.28	65	5150	Non Engraved
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Phone Nos. 042-99029202, 042-99029217

9800  
Dr. Aqsa

**To: Khalid Bashir**  
**Ittefaq Building Solutions (Pvt.) Ltd. Lahore**  
**Project: Macdonalds Restaurant Y-Block Phase-III DHA, Lahore**

Our Ref. No. CL/CED/ 9693 Dated: 20-01-20

Your Ref. No. IBS/MC/CT08 Dated: 14-01-20

## COMPRESSION TEST REPORT

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

Specimens received on: 14-01-20 Tested on: 15-01-20 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	Raft	16	12	2019	6Diax12	14	28.28	36	2860	Non Engraved
2	Raft	16	12	2019	6Diax12	14	28.28	46	3650	Non Engraved
3	Raft	16	12	2019	6Diax12	14	28.28	49	3890	Non Engraved
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Phone Nos. 042-99029202, 042-99029217

9786

Dr. Aqsa

To: **Syed Nabeel Hassan (Resident Engineer)**

**CM Div., NESPAK (Pvt.) Ltd. Lahore**

**Project: Construction of Entry Gate of Lahore at Thokar Niaz Baig Multan Road, Lahore (Columns Upto +0'-0" - Entry & Exit Side)**

Our Ref. No. CL/CED/ 9694 Dated: 20-01-20

Your Ref. No. 4047-R/13/SNH/07/AHC/174 Dated: 24-12-19

## COMPRESSION TEST REPORT

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

Specimens received on: 10-01-20 Tested on: 16-01-20 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		22	11	2019	6Diax12	14	28.28	65	5150	Non Engraved
2		22	11	2019	6Diax12	13.6	28.28	53	4200	Non Engraved
3		22	11	2019	6Diax12	13.6	28.28	71	5630	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

9786  
Dr. Aqsa

To: **Syed Nabeel Hassan (Resident Engineer)**

**CM Div., NESPAK (Pvt.) Ltd. Lahore**

**Project: Construction of Entry Gate of Lahore at Thokar Niaz Baig Multan Road, Lahore (Columns Upto +0'-0" ~2'-2" & Planter Footing- Entry & Exit Side)**

Our Ref. No. CL/CED/ 9695 Dated: 20-01-20

Your Ref. No. 4047-R/13/SNH/07/AHC/174-A Dated: 24-12-19

## COMPRESSION TEST REPORT

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

Specimens received on: 10-01-20 Tested on: 16-01-20 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		25	11	2019	6Diax12	13.1	28.28	49	3890	Non Engraved
2		25	11	2019	6Diax12	13.2	28.28	40	3170	Non Engraved
3		25	11	2019	6Diax12	14	28.28	44	3490	Non Engraved
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**Director/Dy. Director Concrete Laboratory**





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Phone Nos. 042-99029202, 042-99029217

9786  
Dr. Aqsa

**To: Syed Nabeel Hassan (Resident Engineer)**  
**CM Div., NESPAK (Pvt.) Ltd. Lahore**  
**Project: Construction of Entry Gate of Lahore at Thokar Niaz Baig Multan Road, Lahore**  
**(Columns 2'-2" ~10'-2" & Planter-Exit Side)**

Our Ref. No. CL/CED/ 9696 Dated: 20-01-20

Your Ref. No. 4047-R/13/SNH/07/AHC/179 Dated: 30-12-19

## COMPRESSION TEST REPORT

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

Specimens received on: 10-01-20 Tested on: 16-01-20 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		30	11	2019	6Diax12	13	28.28	58	4600	Non Engraved
2		30	11	2019	6Diax12	14	28.28	65	5150	Non Engraved
3		30	11	2019	6Diax12	13	28.28	60	4760	Non Engraved
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Phone Nos. 042-99029202, 042-99029217

9786  
Dr. Aqsa

**To: Syed Nabeel Hassan (Resident Engineer)**  
**CM Div., NESPAK (Pvt.) Ltd. Lahore**  
**Project: Construction of Entry Gate of Lahore at Thokar Niaz Baig Multan Road, Lahore**  
**(Columns 2'-2" ~ 10'-2" -Entry Side)**

Our Ref. No. CL/CED/ 9697 Dated: 20-01-20

Your Ref. No. 4047-R/13/SNH/07/AHC/190 Dated: 07-01-20

## COMPRESSION TEST REPORT

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

Specimens received on: 10-01-20 Tested on: 16-01-20 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		10	12	2019	6Diax12	13.6	28.28	34	2700	Non Engraved
2		10	12	2019	6Diax12	14	28.28	54	4280	Non Engraved
3		10	12	2019	6Diax12	13.6	28.28	60	4760	Non Engraved
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