



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

782

To: **Mr. Furqan ul Haq (General Manager)**  
**AYQ Developers (Pvt.) Ltd.**  
**Project: Nil**

Dr. Burhan Shareef

Our Ref. No. CL/CED/ 2352 Dated: 05-03-21  
Your Ref. No. Nil Dated: 01-03-21

## COMPRESSION TEST REPORT

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

Specimens received on: 01-03-21 Tested on: 05-03-21 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	(1:3:6)	2	2	2021	6Diax12	12.2	28.28	6	480	Engraved
2	(1:3:6)	2	2	2021	6Diax12	12	28.28	6.5	520	Engraved
3	(1:3:6)	2	2	2021	6Diax12	12.2	28.28	6	480	Engraved
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Results can also be seen on website [http://www.uet.edu.pk/faculties/facultiesinfo/departments?RID=testing\\_reports&id=6](http://www.uet.edu.pk/faculties/facultiesinfo/departments?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

782

**To: Mr. Furqan ul Haq (General Manager)**  
**AYQ Developers (Pvt.) Ltd.**  
**Project: Nil**

Dr. Burhan Shareef

Our Ref. No. CL/CED/ 2353 Dated: 05-03-21  
Your Ref. No. Nil Dated: 01-03-21

## COMPRESSION TEST REPORT

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

Specimens received on: 01-03-21 Tested on: 05-03-21 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
		Month	Day	Year						
1	(1:3:6)	20	2	2021	6Diax12	14	28.28	32.5	2580	Engraved
2	(1:3:6)	20	2	2021	6Diax12	14.2	28.28	32	2540	Engraved
3	(1:3:6)	20	2	2021	6Diax12	14.2	28.28	30.5	2420	Engraved
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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

810

To: **Mr. Majid Yaseen (Senior District Engineer)**

Dr. Burhan Shareef

**Humqadam SCRП (M/s Astral Constructions)**

**Project: Humqadam-School Construction and Rehabilitation Programme IMC WorldWide (GGES Ayub Colony F.S.D)**

Our Ref. No. CL/CED/ 2354 Dated: 05-03-21

Your Ref. No. IMC-FSD/SCRП/2020/  
MaterialTesting/FSD-1 Dated: 04-03-21

## COMPRESSION TEST REPORT

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

Specimens received  
on:

04-03-21

Tested on:

05-03-21

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	Mortar Cube	25	2	2021	2.0x2.0x2.0	272	4	4	2210	
2	Mortar Cube	25	2	2021	2.0x2.0x2.0	258	4	5	2760	
3	Mortar Cube	25	2	2021	2.0x2.0x2.0	264	4	5.2	2870	
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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

765

Engr. Ubaid

To: **Mr. Khalid (Resident Engineer)**  
**NESPAK(Pvt.) Ltd. (M/s TurkPak International (Pvt.) Ltd.)**  
**Project: Construction of Cardiology Center, D.G. Khan.**

Our Ref. No. CL/CED/ 2355-1of 2 Dated: 05-03-21

Your Ref. No. 4161/RE/SFMKB/DGK/228 Dated: 19-02-21

## COMPRESSION TEST REPORT

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

Specimens received on: 26-02-21 Tested on: 04-03-21 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	Working Pile MP-52	29	11	2020	6Diax12	13.2	28.28	81	6420	Non Engraved
2	Working Pile MP-52	29	11	2020	6Diax12	13.4	28.28	90	7130	Non Engraved
3	Working Pile MP-52	29	11	2020	6Diax12	13.6	28.28	69	5470	Non Engraved
4	Working Pile WTP-22	13	11	2020	6Diax12	13.2	28.28	90	7130	Non Engraved
5	Working Pile WTP-22	13	11	2020	6Diax12	13.6	28.28	91	7210	Non Engraved
6	Working Pile WTP-22	13	11	2020	6Diax12	13.4	28.28	64	5070	Non Engraved
7	Working Pile CP-1	29	10	2020	6Diax12	13.8	28.28	81	6420	Non Engraved
8	Working Pile CP-1	29	10	2020	6Diax12	13.8	28.28	102	8080	Non Engraved
9	Working Pile CP-1	29	10	2020	6Diax12	13.4	28.28	76	6020	Non Engraved
10	Working Pile P2-4A	11	12	2020	6Diax12	13.4	28.28	90	7130	Non Engraved
11	Working Pile P2-4A	11	12	2020	6Diax12	14	28.28	85	6740	Non Engraved
12	Working Pile P2-4A	11	12	2020	6Diax12	13.4	28.28	79	6260	Non Engraved
13	Working Pile P2- 6	25	10	2020	6Diax12	14	28.28	90	7130	Non Engraved
14	Working Pile P2- 6	25	10	2020	6Diax12	13.6	28.28	91	7210	Non Engraved
15	Working Pile P2- 6	25	10	2020	6Diax12	13.8	28.28	102	8080	Non Engraved
16										

Results can also be seen on website [http://www.uet.edu.pk/faculties/facultiesinfo/departments?RID=testing\\_reports&id=6](http://www.uet.edu.pk/faculties/facultiesinfo/departments?RID=testing_reports&id=6)

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supervisor(lab)

Director/Dy. Director Concrete Laboratory



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Phone Nos. 042-99029202, 042-99029217

765

Engr. Ubaid

**To: Mr. Khalid (Resident Engineer)**  
**NESPAK(Pvt.) Ltd. (M/s TurkPak International (Pvt.) Ltd.)**  
**Project: Construction of Cardiology Center, D.G. Khan.**

Our Ref. No. CL/CED/ 2355-2of 2 Dated: 05-03-21

Your Ref. No. 4161/RE/SFMKB/DGK/228 Dated: 19-02-21

## COMPRESSION TEST REPORT

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

Specimens received on: 26-02-21 Tested on: 04-03-21 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	Working Pile MP-12	10	12	2020	6Diax12	13.4	28.28	93	7370	Non Engraved
2	Working Pile MP-12	10	12	2020	6Diax12	13.4	28.28	90	7130	Non Engraved
3	Working Pile MP-12	10	12	2020	6Diax12	14	28.28	108	8560	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

740  
Engr.Ubaid

To: **Engr. Faizan Hussain (Assistant Engineer)**  
**B&W Department UET, Lahore.**

**Project: External Development Work at Admin, Workshop Design Centre and Girls Hostel.**

Our Ref. No. CL/CED/ 2356 Dated: 05-03-21

Your Ref. No. B&W /AEN/1929 Dated: 22-02-21

## COMPRESSION TEST REPORT

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

Specimens received on: 23-02-21 Tested on: 04-03-21 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	K-9		8.8X4.3X2.8	3328	37.84	43	2550	
2	K-9		8.7X4.3X2.9	3286	37.41	47	2820	
3	K-9		8.7X4.3X2.8	3279	37.41	43	2580	
4	K-9		8.8X4.3X3.0	3318	37.84	45	2670	
5	K-9		8.8X4.3X2.9	3341	37.84	53	3140	
6	K-9		8.9X4.3X2.8	3423	38.27	45	2640	
7	K-9		8.8X4.3X2.9	3338	37.84	41	2430	
8	K-9		8.7X4.3X2.8	3298	37.41	41	2460	
9	K-9		8.8X4.2X2.9	3317	36.96	51	3100	
10	K-9		8.9X4.3X3.0	3408	38.27	41	2400	
11	K-9		8.9X4.3X2.9	3439	38.27	33	1940	
12	K-9		8.8X4.2X3.0	3351	36.96	41	2490	
13								
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Results can also be seen on website [http://www.uet.edu.pk/faculties/facultiesinfo/department?RID=testing\\_reports&id=6](http://www.uet.edu.pk/faculties/facultiesinfo/department?RID=testing_reports&id=6)

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Note: Above results pertain to the unsealed samples supplied to the laboratory

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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

740

Engr.Ubaid

To: **Engr. Faizan Hussain (Assistant Engineer)**

**B&W Department UET, Lahore.**

**Project: External Development Work at Admin, Workshop Design Centre and Girls Hostel.**

Our Ref. No. CL/CED/ 2357 Dated: 05-03-21

Your Ref. No. B&W /AEN/1930 Dated: 22-02-21

## COMPRESSION TEST REPORT

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

Specimens received on: 23-02-21 Tested on: 04-03-21 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	K-9		8.7X4.3X2.8	3260	37.41			
2	K-9		8.7X4.2X2.8	3147	36.54			
3	K-9		8.8X4.2X2.9	3236	36.96			
4	K-9		8.7X4.3X2.7	3247	37.41			
5	K-9		8.9X4.3X2.9	3404	38.27			
6	K-9		8.7X4.3X2.9	3349	37.41			
7	K-9		8.8X4.3X3.0	3402	37.84			
8	K-9		8.7X4.2X2.8	3189	36.54			
9	K-9		8.9X4.2X2.9	3385	37.38			
10	K-9		8.9X4.3X2.9	3554	38.27			
11	K-9		8.8X4.3X3.0	3468	37.84			
12	K-9		8.9X4.3X2.9	3549	38.27			
13								
14								
15								
16								

Results can also be seen on website [http://www.uet.edu.pk/faculties/facultiesinfo/departament?RID=testing\\_reports&id=6](http://www.uet.edu.pk/faculties/facultiesinfo/departament?RID=testing_reports&id=6)

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University of Engineering and Technology, Lahore  
Phone Nos. 042-99029202, 042-99029217

787

Engr. Ubaid

To: Assistant Executive Engineer

KBCMA, CVAS, Narowal (M/s Zafar Ali Toor, Construction Company)

Project: Constt. of External Sewerage System Water Supply/Fire Fighting System, Over Head Water Tank (50000-Gallons) Sewerage Equalization Tank No.1&2, Disposal Tank No.1&2 Tubewell & Tubewell Chamber, Septic Tank (1-2), Oil Separator, Grease Trap at CVAS Narowal.

Our Ref. No. CL/CED/ 2358 Dated: 05-03-21

Your Ref. No. AEE/NC/42 Dated: 02-02-21

## COMPRESSION TEST REPORT

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

Specimens received on: 01-03-21 Tested on: 04-03-21 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	Screening Chamber	6	1	2021	6Diax12	13.8	28.28	51	4040	Engraved
2	Screening Chamber	6	1	2021	6Diax12	13.2	28.28	50	3960	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

781

Dr. Umbreen

**To: Mr. Ahmad Hassan (Head Civil Works)**  
**Habib Construction Services Limited, Lahore**  
**Project: Construction of Penta Square Phase-V D.H.A Lahore**

Our Ref. No. CL/CED/ 2359 Dated: 05-03-21

Your Ref. No. Nil Dated: 01-03-21

## COMPRESSION TEST REPORT

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

Specimens received on: 01-03-21 Tested on: 03-03-21 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		7.8x3.9x2.3	2821	30.42	43	3170	
2	Rectangular Grey		7.8x3.9x2.3	2549	30.42	45	3320	
3	Rectangular Grey		7.8x3.9x2.3	2448	30.42	37	2730	
4	Rectangular Red		7.8x3.9x2.3	2736	30.42	67	4940	
5	Rectangular Red		7.8x3.9x2.3	2878	30.42	63	4640	
6	Rectangular Red		7.8x3.9x2.3	2479	30.42	61	4500	
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