



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

611

To: **Mr. Mirza M. Arshad Baig (Resident Engineer)**
Meinhardt Pakistan (pvt.) Ltd.
Project: PEC Building Project.

Dr. Mazhar Saleem

Our Ref. No. CL/CED/ 2008 Dated: 10-02-21

Your Ref. No. MPPL/Proj
PEC/LHR/RE/96 Dated: 01-02-21

COMPRESSION TEST REPORT

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

Specimens received on: 03-02-21 Tested on: 04-02-21 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	683-1	24	1	2021	6Diax12	14	28.28	51	4040	Engraved
2	696-1	24	1	2021	6Diax12	13.4	28.28	47	3730	Engraved
3	693-1	24	1	2021	6Diax12	14	28.28	39	3090	Engraved
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Results can also be seen on website http://www.uet.edu.pk/faculties/facultiesinfo/departament?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

619

To: MR. Umar Safdar
Usman Industries 92 B-2, Gulberg III, Lahore.
Project:

Dr.Mazhar Saleem

Our Ref. No. CL/CED/ 2009 Dated: 10-02-21
Your Ref. No. Nil Dated: 01-02-21

COMPRESSION TEST REPORT

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

Specimens received on: 04-02-21 Tested on: 08-02-21 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	GR-153	25	1	2021	6Diax12	14	28.28	75	5950	Non Engraved
2	GR-154	25	1	2021	6Diax12	14.6	28.28	59	4680	Non Engraved
3	GR-8838	25	1	2021	6Diax12	14	28.28	53	4200	Non Engraved
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572

Directorate of Power
To: Projects
Energy Department Government of the Punjab.(M/s Mian Hydro Construction Engineers)
Project: Infrastructure Development of Quaid-E-Azam Solar Park.

Engr. Ubaid

Our Ref. No. CL/CED/ 2010 Dated: 10-02-21

Your Ref. No. DOPP/351/QASP/2021 Dated: 28-01-21

COMPRESSION TEST REPORT

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

Specimens received on: 28-01-21 Tested on: 10-02-21 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	7 5 7		8.8X4.3X3.0	3402	37.84	49	2910	
2	7 5 7		9.0X4.3X3.1	3460	38.7	50	2900	
3	7 5 7		8.9X4.3X3.0	3442	38.27	56	3280	
4	7 5 7		8.9X4.3X3.0	3377	38.27	60	3520	
5	7 5 7		8.9X4.3X3.1	3548	38.27	58	3400	
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627
Dr. Mazar

To: **Mr.M.Hanif Khokhar (Construction Manager)**
NESPAK (M/s HCS).

Project: Establishment of Punjab Local Government Academy Building - Lahore.

Our Ref. No. CL/CED/ 2011 Dated: 10-02-21

Your Ref. No. 3976/13/MHK/01/196 Dated: 04-02-21

COMPRESSION TEST REPORT

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

Specimens received on: 04-02-21 Tested on: 08-02-21 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	L#72 (5000) Psi	19	1	2021	6Diax12	13.8	28.28	86	6820	Non Engraved
2	L#72 (5000) Psi	19	1	2021	6Diax12	14	28.28	83	6580	Non Engraved
3	L#72 (5000) Psi	19	1	2021	6Diax12	13.8	28.28	88	6970	Non Engraved
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626

To: **MR. Umair Maqsood (Sub Divisional Officer)**

Dr. Mazar

Building Sub Division, Assembly Lahore.

Project: Construction of 60-No Staff Quarters (Grade 1 to Grade to 10) at MPA'S Hostel ,Lahore (ADP NO.3429 for the Year of 2020-21)

Our Ref. No. CL/CED/ 2012 Dated: 10-02-21

Your Ref. No. No.94 Dated: 28-01-21

COMPRESSION TEST REPORT

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

Specimens received on: 04-02-21 Tested on: 08-02-21 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	2nd Floor Column (1:1:1/2:3)	26	10	2020	6x6x6	9	36	86	5360	Engraved
2	2nd Floor Column (1:1:1/2:3)	26	10	2020	6x6x6	9	36	102	6350	Engraved
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626

Dr. Mazar

To: **MR. Umair Maqsood (Sub Divisional Officer)**

Building Sub Division, Assembly Lahore.

Project: Construction of 60-No Staff Quarters (Grade 1 to Grade to 10) at MPA'S Hostel ,Lahore (ADP NO. 3429 for the Year of 2020-21)

Our Ref. No. CL/CED/

2013

Dated:

10-02-21

Your Ref. No.

No.94

Dated:

28-01-21

COMPRESSION TEST REPORT

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

Specimens received on:

04-02-21

Tested on:

08-02-21

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	1st Floor Column (1:1:1/2:3)	28	10	2020	6x6x6	9	36	112	6970	Engraved
2	1st Floor Column (1:1:1/2:3)	28	10	2020	6x6x6	9	36	132	8220	Engraved
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Plain and Reinforced Concrete Laboratory
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626
Dr. Mazar

To: **MR. Umair Maqsood (Sub Divisional Officer)**

Building Sub Division, Assembly Lahore.

Project: Construction of 60-No Staff Quarters (Grade 1 to Grade to 10) at MPA'S Hostel ,Lahore (ADP NO. 3429 for the Year of 2020-21)

Our Ref. No. CL/CED/ 2014 Dated: 10-02-21

Your Ref. No. No.95 Dated: 28-01-21

COMPRESSION TEST REPORT

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

Specimens received on: 04-02-21 Tested on: 08-02-21 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
		Mo	Do	Year						
1	1st Floor Column (1:11/2:3)	31	10	2020	6x6x6	8.6	36	77	4800	Engraved
2	1st Floor Column (1:11/2:3)	31	10	2020	6x6x6	8.6	36	77	4800	Engraved
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626

Dr. Mazar

To: **MR. Umair Maqsood (Sub Divisional Officer)**

Building Sub Division, Assembly Lahore.

Project: Repair & Rehabilitation of Punjab Assembly, MPA Hostels, Speaker, Deputy Speaker Houses, and PIPAL House Lahore.

Our Ref. No. CL/CED/ 2016 Dated: 10-02-21

Your Ref. No. No.101 Dated: 29-01-21

COMPRESSION TEST REPORT

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

Specimens received on: 04-02-21 Tested on: 08-02-21 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	Ground Floor Slab (1:11/2:3)	17	11	2020	6x6x6	8.6	36	83	5170	Engraved
2	Ground Floor Slab (1:11/2:3)	17	11	2020	6x6x6	8.6	36	96	5980	Engraved
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Phone Nos. 042-99029202, 042-99029217

626

Dr. Mazar

To: **MR. Umair Maqsood (Sub Divisional Officer)**

Building Sub Division, Assembly Lahore.

Project: Construction of 60-No Staff Quarters (Grade 1 to Grade to 10) at MPA'S Hostel ,Lahore (ADP NO. 3429 for the Year of 2020-21)

Our Ref. No. CL/CED/ 2016 Dated: 10-02-21

Your Ref. No. No.101 Dated: 29-01-21

COMPRESSION TEST REPORT

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

Specimens received on: 04-02-21 Tested on: 08-02-21 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	1st Floor Column (1:11/2:3)	22	11	2020	6x6x6	8.6	36	61	3800	Engraved
2	1st Floor Column (1:11/2:3)	22	11	2020	6x6x6	8.6	36	73	4550	Engraved
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** BS3921 requires average of ten clay brick samples for crushing strength and water absorption

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Director/Dy. Director Concrete Laboratory



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626

Dr. Mazar

To: **MR. Umair Maqsood (Sub Divisional Officer)**

Building Sub Division, Assembly Lahore.

Project: Construction of 60-No Staff Quarters (Grade 1 to Grade to 10) at MPA'S Hostel ,Lahore (ADP NO. 3429 for the Year of 2020-21)

Our Ref. No. CL/CED/ 2017 Dated: 10-02-21

Your Ref. No. No.102 Dated: 29-01-21

COMPRESSION TEST REPORT

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

Specimens received on: 04-02-21 Tested on: 08-02-21 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	1st Floor Slab (1:2:4)	7	12	2020	6x6x6	9	36	106	6600	Engraved
2	1st Floor Slab (1:2:4)	7	12	2020	6x6x6	9	36	114	7100	Engraved
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626
Dr. Mazar

To: **MR. Umair Maqsood (Sub Divisional Officer)**

Building Sub Division, Assembly Lahore.

Project: Construction of 60-No Staff Quarters (Grade 1 to Grade to 10) at MPA'S Hostel ,Lahore (ADP NO. 3429 for the Year of 2020-21)

Our Ref. No. CL/CED/ 2018 Dated: 10-02-21

Your Ref. No. No.103 Dated: 29-01-21

COMPRESSION TEST REPORT

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

Specimens received on: 04-02-21 Tested on: 08-02-21 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	2nd Floor Column (1:11/2:3)	11	12	2020	6x6x6	8.6	36	57	3550	Engraved
2	2nd Floor Column (1:11/2:3)	11	12	2020	6x6x6	8.6	36	47	2930	Engraved
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626

Dr. Mazar

To: **MR. Umair Maqsood (Sub Divisional Officer)**

Building Sub Division, Assembly Lahore.

Project: Construction of 60-No Staff Quarters (Grade 1 to Grade to 10) at MPA'S Hostel ,Lahore (ADP NO. 34 the Year of 2020-21)

Our Ref. No. CL/CED/ 2019 Dated: 10-02-21

Your Ref. No. No.104 Dated: 29-01-21

COMPRESSION TEST REPORT

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

Specimens received on: 04-02-21 Tested on: 08-02-21 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	Block-B,2nd Floor Slab(1:2:4)	22	12	2020	6x6x6	8.8	36	65	4050	Engraved
2	Block-B,2nd Floor Slab(1:2:4)	22	12	2020	6x6x6	9	36	69	4300	Engraved
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To: **MR. Umair Maqsood (Sub Divisional Officer)**

Building Sub Division, Assembly Lahore.

Project: Construction of 60-No Staff Quarters (Grade 1 to Grade to 10) at MPA'S Hostel ,Lahore (ADP NO. 3429 for the Year of 2020-21)

Our Ref. No. CL/CED/ 2020 Dated: 10-02-21

Your Ref. No. No.105 Dated: 29-01-21

COMPRESSION TEST REPORT

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

Specimens received on: 04-02-21 Tested on: 08-02-21 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	4th Floor Column(1:112:3)	2	1	2021	6x6x6	8.6	36	61	3800	Engraved
2	4th Floor Column(1:112:3)	2	1	2021	6x6x6	8.6	36	57	3550	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" 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

626

Dr. Mazar

To: **MR. Umair Maqsood (Sub Divisional Officer)**

Building Sub Division, Assembly Lahore.

Project: Construction of MPA Hostel(Phase-II) Lahore (Group No. 02)

Our Ref. No. CL/CED/ 2021 Dated: 10-02-21

Your Ref. No. No.106 Dated: 29-01-21

COMPRESSION TEST REPORT

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

Specimens received on: 04-02-21 Tested on: 08-02-21 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	(1:2:4)	20	1	21	6x6x6	9	36	57	3550	Engraved
2	(1:2:4)	20	1	21	6x6x6	8.8	36	59	3680	Engraved
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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

616

Dr. Mazar

To: Mr. Umair Nisar (Project Engineer)
Sky High Builders, s IZMIR Society, Lahore. (Strong Ready Mix)
Project: Construction of IZMIR Executive Shopping Mall & Apartments

Our Ref. No. CL/CED/ 2022 Dated: 10-02-21

Your Ref. No. IZMIR/006 Dated: 03-02-21

COMPRESSION TEST REPORT

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

Specimens received on: 04-02-21 Tested on: 10-02-21 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	RW2 (3000)Psi	18	1	21	6Diax12	13.2	28.28	51	4040	Engraved
2	RW2 (3000)Psi	18	1	21	6Diax12	13.8	28.28	59	4680	Engraved
3	UGWT Slab (3000)Psi	25	1	21	6Diax12	14	28.28	43	3410	Engraved
4	UGWT Slab (3000)Psi	25	1	21	6Diax12	14.6	28.28	45	3570	Engraved
5	Column Cap2(4000)Psi	19	1	21	6Diax12	13.4	28.28	59	4680	Engraved
6	Column Cap2(4000)Psi	19	1	21	6Diax12	14	28.28	65	5150	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

609

Dr. Mazar

To: Mr. Shoaib Razzaq (Project Coordinator)

SINACO Engineers (PVT.) Ltd.

Project: Construction Works at CCL Pharma, Quaid-E- Azam Industrial State, Lahore.

Our Ref. No. CL/CED/

2023

Dated:

10-02-21

Your Ref. No.

SEL/LHR/C-441/11762

Dated:

02-02-21

COMPRESSION TEST REPORT

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

Specimens received on:

03-02-21

Tested on:

10-02-21

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		4	1	2021	6Diax12	13.4	28.28	67	5310	Not Engraved
2		4	1	2021	6Diax12	13.4	28.28	61	4840	Not Engraved
3		25	1	2021	6Diax12	13.4	28.28	51	4040	Not Engraved
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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

505

Engr. Ubaid

To: Municipal Officer (Infrastructure)
Municipal Committee, Vehari

Project: Rehabilitation of Municipal Infrastructure in Vehari City Under Punjab Cities Program

Our Ref. No. CL/CED/ 2024 Dated: 10-02-21

Your Ref. No. 103/MO(I)/MC(VR) Dated: 20-01-21

COMPRESSION TEST REPORT

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

Specimens received on: 21-01-21 Tested on: 10-02-21 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	SP		8.7x4.3x2.7	2638	37.41	61	3660	
2	SP		8.6x4.3x2.8	2675	36.98	58	3520	
3	SP		8.7x4.3x2.8	2644	37.41	51	3060	
4	SP		8.7x4.2x2.6	2618	36.54	49	3010	
5	SP		8.7x4.2x2.7	2629	36.54	53	3250	
6	SP		8.6x4.3x2.6	2681	36.98	47	2850	
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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)

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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

515

To: **Sub Divisional Officer (Buildings)**
Sub Division Ferozewala.

Engr. Ubaid

**Project: Construction of Judicial Academy at Lahore Kala Shah Kaku, Lahore (ADP No. 3271/2020-21),
Group No. 2, Residence Grade 1 to 10**

Our Ref. No. CL/CED/ 2025 Dated: 10-02-21

Your Ref. No. 872/F Dated: 21-01-21

COMPRESSION TEST REPORT

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

Specimens received on: 22-01-21 Tested on: 10-02-21 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	AT		8.8x4.2x2.9	3116	36.96	41	2490	
2	AT		8.8x4.2x2.8	3106	36.96	41	2490	
3	AT		8.7x4.1x2.8	2806	35.67	40	2520	
4	AT		8.7x4.2x2.9	3107	36.54	36	2210	
5	AT		8.8x4.2x2.8	3076	36.96	36	2190	
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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

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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



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

539

To: **Sub Divisional Officer (Buildings)**

Engr. Ubaid

Sub Division Ferozewala.

Project: Construction of Judicial Academy at Lahore Kala Shah Kaku, Lahore (ADP No. 3271/2020-21)
Group No. 2, Residence Grade 1 to 10

Our Ref. No. CL/CED/

2026

Dated:

10-02-21

Your Ref. No.

880/F

Dated:

25-01-21

COMPRESSION TEST REPORT

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

Specimens received on: 26-01-21 Tested on: 10-02-21 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	FB		8.8x4.2x2.8	3116	36.96	53	3220	
2	FB		8.9x4.2x2.9	3153	37.38	45	2700	
3	FB		8.7x4.2x2.9	3145	36.54	47	2890	
4	FB		8.8x4.1x2.8	3110	36.08	42	2610	
5	FB		8.9x4.3x2.9	3272	38.27	57	3340	
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Results can also be seen on website http://www.uet.edu.pk/faculties/facultiesinfo/department?RID=testing_reports&id=6

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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

557

Engr. Ubaid

To: **Sub Divisional Officer**

Buildings Sub Division Kasur (M/s Jathol & Co)

Project: Re-Const: of Dangerous Building (ADP 2020-21/GS No. 17) Re-Construction of 04-Nos. Class Rooms in Govt Boys High School Muhallah Kalan Tehsil & District Kasur (EMIS Code: 35120028)

Our Ref. No. CL/CED/ 2027 Dated: 10-02-21

Your Ref. No. 17 Dated: 23-01-21

COMPRESSION TEST REPORT

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

Specimens received on: 27-01-21 Tested on: 10-02-21 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	ND		9.0x4.3x2.9	3246	38.7	49	2840	
2	ND		8.8x4.3x2.9	3289	37.84	45	2670	
3	ND		8.7x4.2x3.0	3230	36.54	48	2950	
4	ND		8.7x4.3x3.0	3276	37.41	41	2460	
5	ND		8.8x4.3x3.0	3108	37.84	43	2550	
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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)

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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

557

Engr. Ubaid

To: **Sub Divisional Officer**

Buildings Sub Division Kasur (M/s Jathol & Co)

Project: Re-Const: of Dangerous Building (ADP 2020-21/GS No. 15) Construction of 02-Nos. Additional Class Rooms at Govt Boys Primary School Haveli Kamlay Khan Tehsil K.R.K District Kasur (EMIS Code: 35140876)

Our Ref. No. CL/CED/

2028

Dated:

10-02-21

Your Ref. No.

11

Dated:

20-01-21

COMPRESSION TEST REPORT

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

Specimens received on: 27-01-21 Tested on: 10-02-21 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	ND		8.9x4.3x3.0	3218	38.27	61	3570	
2	ND		8.7x4.3x2.8	3125	37.41	36	2160	
3	ND		8.7x4.3x2.9	3190	37.41	60	3600	
4	ND		8.9x4.3x3.1	3236	38.27	49	2870	
5	ND		8.8x4.3x2.9	3263	37.84	49	2910	
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Results can also be seen on website http://www.uet.edu.pk/faculties/facultiesinfo/department?RID=testing_reports&id=6

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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

557

Engr. Ubaid

To: Sub Divisional Officer

Buildings Sub Division Pattoki (M/s Jathol & Co)

Project: Re-Const: of Dangerous Building (ADP 2020-21/GS No. 17) Re-Construction of 02-Nos. Dangerous Class Rooms at Govt Model Primary School Boor Singh Tehsil Chunian District Kasur (EMIS Code: 35110387)

Our Ref. No. CL/CED/

2029

Dated:

10-02-21

Your Ref. No.

3350/P

Dated:

20-01-21

COMPRESSION TEST REPORT

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

Specimens received on: 27-01-21 Tested on: 10-02-21 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	ND		8.7x4.2x3.0	3144	36.54	45	2760	
2	ND		8.7x4.3x3.1	3354	37.41	51	3060	
3	ND		8.8x4.3x3.0	3284	37.84	45	2670	
4	ND		8.8x4.2x3.0	3208	36.96	40	2430	
5	ND		8.8x4.3x2.9	3126	37.84	34	2020	
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Results can also be seen on website http://www.uet.edu.pk/faculties/facultiesinfo/department?RID=testing_reports&id=6

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supervisor(lab)

Director/Dy. Director Concrete Laboratory