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

729

To: **Mr. Majid Yaseen (Senior District Engineer)** Dr. Ambreen
Humqadam SCRP (M/s Astral Constructions)
Project: Humqadam-School Construction and Rehabilitation Programme (GPS Chak 239 GB)

Our Ref. No. CL/CED/ 2200 Dated: 23-02-21

Your Ref. No. IMC-FSD-SCRP-/SCRP/2020/ Material Testing/FSD-1 Dated: 19-02-21

COMPRESSION TEST REPORT

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

Specimens received on: 19-02-21 Tested on: 22-02-21 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		20	1	2021	6Diax12	13.2	28.28	51	4040	Non Engraved
2		20	1	2021	6Diax12	13	28.28	47	3730	Non Engraved
3		20	1	2021	6Diax12	13	28.28	55	4360	Non 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

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** 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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supervisor(lab) **Director/Dy. Director Concrete Laboratory**

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Phone Nos. 042-99029202, 042-99029217

728

To: **Deputy Municipal Officer (I&S)** Engr.Ubaid
Municipal Committee Gojra.
Project: Improvement / Repair of Al-Haram City Road Hafeez Park Road to Al-Haram City Gojra.

Our Ref. No. CL/CED/ 2301 Dated: 23-02-21

Your Ref. No. No.901 Dated: 16-02-21

COMPRESSION TEST REPORT

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

Specimens received on: 19-02-21 Tested on: 23-02-21 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	Rectangular Grey				7.8x3.8x3.1	3562	29.64	118	8920	
2	Rectangular Grey				7.8x3.8x3.1	3544	29.64	138	10430	
3	Rectangular Grey				7.8x3.8x3.1	3506	29.64	119	9000	
4	Rectangular Grey				7.8x3.8x3.1	3469	29.64	108	8170	
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Department of Civil Engineering
University of Engineering and Technology, Lahore
Phone Nos. 042-99029202, 042-99029217

588

To: **Deputy Director Technical** Engr.Ubaid
Anti- Corruption Establishment, Region, Gujrawala.
Project: Construction of Government Boys Depree College, Head Jagoo, Gujrat.

Our Ref. No. CL/CED/ 2302 Dated: 23-02-21

Your Ref. No. No. ACE-GR-DDT/124. Dated: 29-01-21

COMPRESSION TEST REPORT

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

Specimens received on: 01-02-21 Tested on: 23-02-21 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	Rectangular Grey				7.8x3.8x2.3	2722	29.64	85	6430	
2	Rectangular Grey				7.8x3.8x2.3	2698	29.64	96	7260	
3	Rectangular Grey				7.8x3.8x2.3	2734	29.64	83	6280	
4	Rectangular Grey				7.8x3.8x2.3	2729	29.64	100	7560	
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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

588

To: **Deputy Director Technical** Engr.Ubaid
Anti- Corruption Establishment, Region, Gujrawala.
Project: Construction of Government Boys Degree College, Denga, Gujrat.

Our Ref. No. CL/CED/ 2203 Dated: 23-02-21

Your Ref. No. No. ACE-GR-DDT/125. Dated: 29-01-21

COMPRESSION TEST REPORT

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

Specimens received on: 01-02-21 Tested on: 23-02-21 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	Rectangular Grey				7.8x3.8x2.3	2718	29.64	90	6810	
2	Rectangular Grey				7.8x3.8x2.3	2687	29.64	90	6810	
3	Rectangular Grey				7.8x3.8x2.3	2742	29.64	83	6280	
4	Rectangular Grey				7.8x3.8x2.3	2708	29.64	105	7940	
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supervisor(lab) **Director/Dy. Director Concrete Laboratory**

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

704

To: Sub Divisional Officer Dr.M. Yousaf
Maintenance Sub Division No.2 GOR-III, Lahore.
Project: Construction of Multi-Storey Flats/ Suites for the official of P&D & S& GAD in GOR-II, Lahore. (ADP No. 3276)

Our Ref. No. CL/CED/ 2204 Dated: 23-02-21

Your Ref. No. 324-Sd/GOR-III, Lhr Dated: 22-012-2020

COMPRESSION TEST REPORT

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

Specimens received on: 17-02-21 Tested on: 23-02-21 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	(1:2:4)	25	11	2020	6x6x6	9	36	85	5290	Non Engraved
2	(1:2:4)	25	11	2020	6x6x6	8.8	36	86	5360	Non Engraved
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Plain and Reinforced Concrete Laboratory
Department of Civil Engineering
University of Engineering and Technology, Lahore
Phone Nos. 042-99029202, 042-99029217

704

To: Sub Divisional Officer Dr.M. Yousaf
Maintenance Sub Division No.2 GOR-III, Lahore.
Project: Construction of Multi-Storey Flats/ Suites for the official of P&D & S& GAD in GOR-II, Lahore. (ADP No. 3276)

Our Ref. No. CL/CED/ 2205 Dated: 23-02-21

Your Ref. No. 297-Sd/GOR-III, Lhr Dated: 10-12-20

COMPRESSION TEST REPORT

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

Specimens received on: 17-02-21 Tested on: 23-02-21 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	(1:1-1/2:3)	12	11	2020	6x6x6	9	36	60	3740	Non Engraved
2	(1:1-1/2:3)	12	11	2020	6x6x6	8.8	36	73	4550	Non Engraved
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Department of Civil Engineering
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Phone Nos. 042-99029202, 042-99029217

643

To: Engr. Faizan Hussain (Assistant Engineer) Dr.Ambreen
B&W Department, UET Lahore
Project: Construction Site of Girls Hostel UET Lahore

Our Ref. No. CL/CED/ 2206 Dated: 24-02-21

Your Ref. No. B&W/AEN/1912 Dated: 08-02-21

COMPRESSION TEST REPORT

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

Specimens received on: 08-02-21 Tested on: 24-02-21 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	A1		8.8x4.4x3.0	3235	38.72			
2	A1		8.9x4.3x3.0	3198	38.27			
3	A1		9.0x4.4x2.9	3314	39.6			
4	A1		8.8x4.3x3.0	3271	37.84			
5	A1		8.8x4.3x2.9	3304	37.84			
6	A1		8.9x4.3x2.9	3299	38.27			
7	A1		9.0x4.4x3.0	3476	39.6			
8	A1		9.0x4.3x3.0	3415	38.7			
9	A1		8.8x4.4x2.9	3271	38.72			
10	A1		8.9x4.4x3.0	3287	39.16			
11	A1		9.0x4.3x2.9	3348	38.7			
12	A1		8.9x4.4x3.1	3327	39.16			
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Phone Nos. 042-99029202, 042-99029217

656

To: **Secretrary Engineers Town Society** Engr.Ubaid
Lahore. (M/s A.S Construction)
Project: Construction of Security Guard Room in Sub-Block F/4 Sector "A" the Cooperative Town Society Lahore.

Our Ref. No. CL/CED/ 2207 Dated: 24-02-21

Your Ref. No. 8216/TCEIS/2021 Dated: 09-02-21

COMPRESSION TEST REPORT

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

Specimens received on: 10-02-21 Tested on: 24-02-21 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	S		8.8x4.3x2.9	3219	37.84	37	2190	
2	S		8.7x4.3x2.8	3123	38.27	57	3340	
3	S		8.8x4.2x2.9	3172	36.96	43	2610	
4	S		8.7x4.3x2.8	3143	37.41	61	3660	
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