



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

725

Dr.Ambreen

To: Mr. Muneeb Ur Rehman (Sr. District Engineer)
Humqadam SCRP, Sialkoat (M/s Sardar Gohar & Co. Islamabad)
Project: Retro- Fitting Humqadam SCRP-Sialkot

Our Ref. No. CL/CED/ 2192-1 of 2 Dated: 22-02-21

Your Ref. No. Nil Dated: 18-02-21

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*			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 (GPS GOGIAL)	25	1	2021	2.0x2.0x2.0	275	4	9	4960	
2	Mortar Cube (GPS GOGIAL)	25	1	2021	2.0x2.0x2.0	278	4	9	4960	
3	Mortar Cube (GPS GOGIAL)	25	1	2021	2.0x2.0x2.0	283	4	13	7170	
4	Mortar Cube (GMPS Sale Pur)	8	1	2021	2.0x2.0x2.0	290	4	7	3860	
5	Mortar Cube (GMPS Sale Pur)	8	1	2021	2.0x2.0x2.0	292	4	9	4960	
6	Mortar Cube (GMPS Sale Pur)	8	1	2021	2.0x2.0x2.0	294	4	13	7170	
7	Mortar Cube GPS Gojra #2	2	2	2021	2.0x2.0x2.0	287	4	9	4960	
8	Mortar Cube GPS Gojra #2	2	2	2021	2.0x2.0x2.0	285	4	11	6070	
9	Mortar Cube GPS Gojra #2	2	2	2021	2.0x2.0x2.0	289	4	14	7720	
10	Mortar Cube GGPS Sabal Pur	27	1	2021	2.0x2.0x2.0	278	4	13	7170	
11	Mortar Cube GGPS Sabal Pur	27	1	2021	2.0x2.0x2.0	273	4	13	7170	
12	Mortar Cube GGPS Sabal Pur	27	1	2021	2.0x2.0x2.0	281	4	12	6620	
13	Mortar Cube GGPS Mehtab	18	1	2021	2.0x2.0x2.0	269	4	10	5510	
14	Mortar Cube GGPS Mehtab	18	1	2021	2.0x2.0x2.0	272	4	12	6620	
15	Mortar Cube GGPS Mehtab	18	1	2021	2.0x2.0x2.0	273	4	18	9920	
16										

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

725

Dr.Ambreen

To: Mr. Muneeb Ur Rehman (Sr. District Engineer)
Humqadam SCRP, Sialkoat (M/s Sardar Gohar & Co. Islamabad))
Project: Retro- Fitting Humqadam SCRP-Sialkot

Our Ref. No. CL/CED/ 2192-2 of 2 Dated: 22-02-21

Your Ref. No. Nil Dated: 18-02-21

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*			Size (in)	Weight (lbs./gms)	Area of X-Section (Sq. in)	Ultimate load (Tons/lbs)	Ultimate Stress (Psi)	Remarks
		/Wet Weight (gms)								
16	Mortar Cube (GES DARYA)	25	1	2021	2.0x2.0x2.0	268	4	18	9920	
17	Mortar Cube (GES DARYA)	25	1	2021	2.0x2.0x2.0	273	4	13	7170	
18	Mortar Cube (GES DARYA)	25	1	2021	2.0x2.0x2.0	277	4	4	2210	
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										

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

730

To: Mr. Hassan Khan Sherwani (Provincial Construction Supervision Manager)

Dr. Ambreen

Humqadam SCRP (M/s Astral Constructions)

Project: Humqadam-School Construction and Rehabilitation Programme IMC WorldWide (GGHS ELLAH ABAD)

Our Ref. No. CL/CED/ 2194 Dated: 22-02-21

Your Ref. No. IMC-LHR/SCRP/2020/
MaterialTesting/LHR-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*			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	22	1	2021	2.0x2.0x2.0	290	4	7	3860	
2	Mortar Cube	22	1	2021	2.0x2.0x2.0	294	4	6	3310	
3	Mortar Cube	22	1	2021	2.0x2.0x2.0	289	4	8	4410	
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										

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

730

To: Mr. Hassan Khan Sherwani (Provincial Construction Supervision Manager)
Humqadam SCRP (M/s Astral Constructions)
Project: Humqadam-School Construction and Rehabilitation Programme IMC WorldWide (GGHS Rao Khan Wala)

Dr. Ambreen

Our Ref. No. CL/CED/ 2195 Dated: 22-02-21

Your Ref. No. IMC-LHR/SCR/2020/
Material Testing/LHR-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*			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	22	1	2021	2.0x2.0x2.0	287	4	9	4960	
2	Mortar Cube	22	1	2021	2.0x2.0x2.0	292	4	8	4410	
3	Mortar Cube	22	1	2021	2.0x2.0x2.0	284	4	5	2760	
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										

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

729

To: **Mr. Majid Hussain Yaseen (Sr. District Engineer)**

Dr.Ambreen

Humqadam SCRП (M/s Astral Constructions)

Project: Humqadam-School Construction and Rehabilitation Programme IMC WorldWide (GGES Chak 58 GB)

Our Ref. No. CL/CED/ 2196 Dated: 22-02-21

Your Ref. No. IMC-FSD/SCRП/2020/
MaterialTesting/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*			Size (in)	Weight (lbs./gms)	Area of X- Section (Sq. in)	Ultimate load (Tons/lbs)	Ultimate Stress (Psi)	Remarks
		Month	Day	Year						
1	Mortar Cube	12	2	2021	2.0x2.0x2.0	279	4	10	5510	
2	Mortar Cube	12	2	2021	2.0x2.0x2.0	284	4	6	3310	
3	Mortar Cube	12	2	2021	2.0x2.0x2.0	288	4	9	4960	
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										

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

729

To: **Mr. Majid Hussain Yaseen (Sr. District Engineer)**

Dr.Ambreen

Humqadam SCRП (M/s Astral Constructions)

Project: Humqadam-School Construction and Rehabilitation Programme IMC WorldWide (GGES Chak 433 GB)

Our Ref. No. CL/CED/

2197

Dated:

22-02-21

Your Ref. No.

IMC-FSD/SCRП/2020/
MaterialTesting/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*			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	19	1	2021	2.0x2.0x2.0	274	4	6	3310	
2	Mortar Cube	19	1	2021	2.0x2.0x2.0	278	4	5	2760	
3	Mortar Cube	19	1	2021	2.0x2.0x2.0	283	4	9	4960	
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										

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

729

Dr.Ambreen

To: Mr. Majid Hussain Yaseen (Sr. District Engineer)
Humqadam SCRП (M/s Astral Constructions)
Project: Humqadam-School Construction and Rehabilitation Programme IMC WorldWide (GGES Chak 433 GB)

Our Ref. No. CL/CED/ 2198 Dated: 22-02-21

Your Ref. No. IMC-FSD/SCRП/2020/
MaterialTesting/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*			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	20	1	2021	2.0x2.0x2.0	274	4	7	3860	
2	Mortar Cube	20	1	2021	2.0x2.0x2.0	270	4	7	3860	
3	Mortar Cube	20	1	2021	2.0x2.0x2.0	278	4	8	4410	
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										

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

734

Dr. Usman

To: **Mr. Muhammad Moosa (XEN)**

AGE (AIR) Risalewala. (M/s SAB Construction) Contractor

Project: Construction of Fusing and Shed at PAF Risalewala CA No. 48/2020

Our Ref. No. CL/CED/

2199

Dated:

22-02-21

Your Ref. No.

No. 6400-48/2020

Dated:

22-02-20

COMPRESSION TEST REPORT

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

Specimens received on:

22-02-21

Tested on:

22-02-21

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	Walls	2	1	2021	6Diax12	14.2	28.28	81	6420	
2	Walls	2	1	2021	6Diax12	14.2	28.28	75	5950	
3	Walls	2	1	2021	6Diax12	14.2	28.28	55	4360	
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										

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" 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