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

1690

To: **Mr. Altaf Hussain (M.E)** Dr. Umbreen
AS Enterprises (Pvt.) Ltd. Lahore. (M/s AA Associates)
Project: Construction of Sunder Estate US Dynsmo

Our Ref. No. CL/CED/ 4608 Dated: 12-08-21

Your Ref. No. USD/ASE/02 Dated: 04-08-21

COMPRESSION TEST REPORT

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

Specimens received on: 05--08-2021 Tested on: 10-08-21 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	I-Sec Grey		3.1 Thick	4970	40.92	98	5370	
2	I-Sec Grey		3.1 Thick	4980	40.92	53	2910	
3	I-Sec Grey		3.1 Thick	5225	40.92	106	5810	
4	I-Sec Grey		3.1 Thick	5165	40.92	116	6350	
5	I-Sec Grey		3.1 Thick	5010	40.92	104	5700	
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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"diax12" cylinder) strength at 28 days as compresssive 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

1689

To: **Mr. Altaf Hussain (M.E)** Dr. Umbreen
AS Enterprises (Pvt.) Ltd. Lahore. (M/s AA Associates)
Project: Construction of Style Textile Rawind Check 65 Phase 2

Our Ref. No. CL/CED/ 4609 Dated: 12-08-21

Your Ref. No. Style/ASE/04 Dated: 04-08-21

COMPRESSION TEST REPORT

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

Specimens received on: 05--08-2021 Tested on: 10-08-21 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	C-20 258A	6	7	2021	6x6x6	8.4	36	81	5040	Non Engraved
2	C-20 258B	6	7	2021	6x6x6	8.2	36	45	2800	Non Engraved
3	C-20 258C	6	7	2021	6x6x6	8.2	36	77	4800	Non Engraved
4	C-20 258D	6	7	2021	6x6x6	8.4	36	94	5850	Non Engraved
5	C-20 258E	6	7	2021	6x6x6	8.2	36	88	5480	Non Engraved
6	C-20 258F	6	7	2021	6x6x6	8.2	36	75	4670	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 comprerssive strength

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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

1683

To: **M/s M. Yousaf & Company (Pvt.) Ltd.** Dr. Umbreen
Lahore
Project: Construction of TCF Secondry School Malloki, Kasur

Our Ref. No. CL/CED/ 4610 Dated: 12-08-21

Your Ref. No. M.Y/UET/2020-14 Dated: 05-08-21

COMPRESSION TEST REPORT

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

Specimens received on: 05--08-2021 Tested on: 10-08-21 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	RCC Roof Slab	12	10	2020	6x6x6	8.4	36	83	5170	Engraved
2	RCC Roof Slab	12	10	2020	6x6x6	8.5	36	108	6720	Engraved
3										
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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"diax12" cylinder) strength at 28 days as comprerssive 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

1684

To: **M/s AL Imam Enterprises (Pvt.) Ltd.** Dr. Umbreen
Lahore
Project: Construction of H-371/6 Block H -DHA Lahore

Our Ref. No. CL/CED/ 4611 Dated: 12-08-21

Your Ref. No. Nil Dated: 05-08-21

COMPRESSION TEST REPORT

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

Specimens received on: 05--08-2021 Tested on: 10-08-21 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	Retaining Wall (1:1.5:3)	23	6	2021	6x6x6	8.4	36	71	4420	Non Engraved
2	Retaining Wall (1:1.5:3)	23	6	2021	6x6x6	8.5	36	65	4050	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

* 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 comprerssive 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

1684

To: **M/s AL Imam Enterprises (Pvt.) Ltd.** Dr. Umbreen
Lahore
Project: Construction of H-371/6 Block H -DHA Lahore

Our Ref. No. CL/CED/ 4612 Dated: 12-08-21

Your Ref. No. Nil Dated: 05-08-21

COMPRESSION TEST REPORT

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

Specimens received on: 05--08-2021 Tested on: 10-08-21 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	Slab (1:2:4)	19	6	2021	6x6x6	8.8	36	73	4550	Non Engraved
2	Slab (1:2:4)	19	6	2021	6x6x6	8.4	36	39	2430	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

* 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 comprerssive 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

1684

To: **M/s AL Imam Enterprises (Pvt.) Ltd.** Dr. Umbreen
Lahore
Project: Construction of H-371/6 Block H -DHA Lahore

Our Ref. No. CL/CED/ 4613 Dated: 12-08-21

Your Ref. No. Nil Dated: 05-08-21

COMPRESSION TEST REPORT

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

Specimens received on: 05--08-2021 Tested on: 10-08-21 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	Foundation (1:2:4)	8	6	2021	6x6x6	8.2	36	88	5480	Non Engraved
2	Foundation (1:2:4)	8	6	2021	6x6x6	8.4	36	81	5040	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 comprerssive 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

1684

To: **M/s AL Imam Enterprises (Pvt.) Ltd.** Dr. Umbreen
Lahore
Project: Construction of H-371/6 Block H -DHA Lahore

Our Ref. No. CL/CED/ 4614 Dated: 12-08-21

Your Ref. No. Nil Dated: 05-08-21

COMPRESSION TEST REPORT

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

Specimens received on: 05--08-2021 Tested on: 10-08-21 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	Retaining Wall (1:1.5:3)	5	7	2021	6x6x6	8.2	36	83	5170	Non Engraved
2	Retaining Wall (1:1.5:3)	5	7	2021	6x6x6	8.2	36	79	4920	Non 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

1696

To: **Sub Divisional Officer (AUQAF)** Dr. Umbreen
Gujranwala Zone, Gujranwala. (M/s Ch. Maqsood Ahmed)
Project: Work Provision of Facilities for Zaireen at Shrine Hazrat Imam ALI-UL-HAQ Sialkot

Our Ref. No. CL/CED/ 4615 Dated: 12-08-21

Your Ref. No. No. DP-GWL-(133) /A/2019 Dated: 18-07-21

COMPRESSION TEST REPORT

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

Specimens received on: 06--08-2021 Tested on: 10-08-21 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	RCC (1:2:4)	16	6	2021	6x6x6	8	36	45	2800	Non Engraved
2	RCC (1:2:4)	16	6	2021	6x6x6	8	36	43	2680	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
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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

1691

To: **M. Anwar Javeed (Sr. Project Manager)** Dr. Umbreen
M/s Etimaad Engineering (Pvt.) Ltd. Lahore.
Project: Nil

Our Ref. No. CL/CED/ 4616 Dated: 12-08-21

Your Ref. No. EEL-341075/NIMIR/Civil/0005 Dated: 04-08-21

COMPRESSION TEST REPORT

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

Specimens received on: 05--08-2021 Tested on: 10-08-21 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	TG Raft (4375) Psi	8	7	2021	6x6x6	8.4	36	90	5600	Non Engraved
2	TG Raft (4375) Psi	8	7	2021	6x6x6	8.4	36	65	4050	Non Engraved
3	TG Raft (4375) Psi	8	7	2021	6x6x6	8.5	36	77	4800	Non Engraved
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*** 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 comprerssive strength

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

1688

To: **M. Azeem (Operatiom Manager)** Engr. Ubaid
M/s Amer Adnan Associates (Pvt.) Lahore.
Project: Construction of hotel Building at 24-A Block E/2 Gulberg III Lahore.

Our Ref. No. CL/CED/ 4617 Dated: 12-08-21

Your Ref. No. AAA/24A/0041 Dated: 05-08-21

COMPRESSION TEST REPORT

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

Specimens received on: 05--08-2021 Tested on: 11-08-21 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	(5000) Psi	6	7	2021	6Diax12	13.4	28.28	63	4990	Non Engraved
2	(5000) Psi	6	7	2021	6Diax12	13	28.28	59	4680	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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*** 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 comprerssive 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

1667

To: **Mr. M. Shahbaz** Dr. Umbreen
M/s Imperium Hospitality (Pvt.) Ltd. Lahore.
Project: Nil

Our Ref. No. CL/CED/ 4618 Dated: 12-08-21

Your Ref. No. IHPL/Con/340 Dated: 29-07-21

COMPRESSION TEST REPORT

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

Specimens received on: 03-08-21 Tested on: 05-08-21 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(4000)Psi	23	6	2021	6Diax12	14	28.28	53	4200	Non Engraved
2	2(4000)Psi	23	6	2021	6Diax12	14	28.28	49	3890	Non Engraved
3	3(4000)Psi	23	6	2021	6Diax12	13.4	28.28	39	3090	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

* as engraved on the specimens (if any)
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*** 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 comprerssive 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

1667

To: **Mr. M. Shahbaz** Dr. Umbreen
M/s Imperium Hospitality (Pvt.) Ltd. Lahore.
Project: Nil

Our Ref. No. CL/CED/ 4619 Dated: 12-08-21

Your Ref. No. IHPL/Con/347 Dated: 29-07-21

COMPRESSION TEST REPORT

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

Specimens received on: 03-08-21 Tested on: 05-08-21 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(4000)Psi	1	7	2021	6Diax12	14.2	28.28	71	5630	Non Engraved
2	2(4000)Psi	1	7	2021	6Diax12	14.5	28.28	79	6260	Non Engraved
3	3(4000)Psi	1	7	2021	6Diax12	13.8	28.28	71	5630	Non Engraved
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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 comprerssive 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

1667

To: **Mr. M. Shahbaz** Dr. Umbreen
M/s Imperium Hospitality (Pvt.) Ltd. Lahore.
Project: Nil

Our Ref. No. CL/CED/ 4620 Dated: 12-08-21

Your Ref. No. IHPL/Con/346 Dated: 29-07-21

COMPRESSION TEST REPORT

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

Specimens received on: 03-08-21 Tested on: 05-08-21 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(4000)Psi	29	6	2021	6Diax12	13.2	28.28	69	5470	Non Engraved
2	2(4000)Psi	29	6	2021	6Diax12	13.8	28.28	71	5630	Non Engraved
3	3(4000)Psi	29	6	2021	6Diax12	14	28.28	83	6580	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

* 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 comprerssive 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

1667

To: **Mr. M. Shahbaz** Dr. Umbreen
M/s Imperium Hospitality (Pvt.) Ltd. Lahore.
Project: Nil

Our Ref. No. CL/CED/ 4621 Dated: 12-08-21

Your Ref. No. IHPL/Con/341 Dated: 29-07-21

COMPRESSION TEST REPORT

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

Specimens received on: 03-08-21 Tested on: 05-08-21 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	10(8000)Psi	23	6	2021	6Diax12	14.2	28.28	92	7290	Non Engraved
2	11(8000)Psi	23	6	2021	6Diax12	14.2	28.28	92	7290	Non Engraved
3	12(8000)Psi	23	6	2021	6Diax12	14.2	28.28	88	6970	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

* 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 comprerssive 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

1667

To: **Mr. M. Shahbaz** Dr. Umbreen
M/s Imperium Hospitality (Pvt.) Ltd. Lahore.
Project: Nil

Our Ref. No. CL/CED/ 4622 Dated: 12-08-21

Your Ref. No. IHPL/Con/344 Dated: 29-07-21

COMPRESSION TEST REPORT

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

Specimens received on: 03-08-21 Tested on: 05-08-21 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	10(8000)Psi	27	6	2021	6Diax12	14	28.28	94	7450	Non Engraved
2	12(8000)Psi	27	6	2021	6Diax12	14	28.28	98	7770	Non Engraved
3	12(8000)Psi	27	6	2021	6Diax12	13.4	28.28	67	5310	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

* 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 comprerssive 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

1667

To: **Mr. M. Shahbaz** Dr. Umbreen
M/s Imperium Hospitality (Pvt.) Ltd. Lahore.
Project: Nil

Our Ref. No. CL/CED/ 4623 Dated: 12-08-21

Your Ref. No. IHPL/Con/343 Dated: 29-07-21

COMPRESSION TEST REPORT

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

Specimens received on: 03-08-21 Tested on: 05-08-21 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(4000)Psi	27	6	2021	6Diax12	14.2	28.28	43	3410	Non Engraved
2	2(4000)Psi	27	6	2021	6Diax12	14.2	28.28	45	3570	Non Engraved
3	3(4000)Psi	27	6	2021	6Diax12	14	28.28	53	4200	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

* 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 comprerssive 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

1667

To: **Mr. M. Shahbaz** Dr. Umbreen
M/s Imperium Hospitality (Pvt.) Ltd. Lahore.
Project: Nil

Our Ref. No. CL/CED/ 4624 Dated: 12-08-21

Your Ref. No. IHPL/Con/339 Dated: 29-07-21

COMPRESSION TEST REPORT

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

Specimens received on: 03-08-21 Tested on: 05-08-21 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(4000)Psi	21	6	2021	6Diax12	14.2	28.28	83	6580	Non Engraved
2	2(4000)Psi	21	6	2021	6Diax12	14.2	28.28	83	6580	Non Engraved
3	3(4000)Psi	21	6	2021	6Diax12	14	28.28	77	6100	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

* 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 comprerssive 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

1667

To: **Mr. M. Shahbaz** Dr. Umbreen
M/s Imperium Hospitality (Pvt.) Ltd. Lahore.
Project: Nil

Our Ref. No. CL/CED/ 4625 Dated: 12-08-21

Your Ref. No. IHPL/Con/349 Dated: 29-07-21

COMPRESSION TEST REPORT

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

Specimens received on: 03-08-21 Tested on: 05-08-21 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	10(8000)Psi	3	7	2021	6Diax12	14.2	28.28	86	6820	Non Engraved
2	11(8000)Psi	3	7	2021	6Diax12	14.2	28.28	98	7770	Non Engraved
3	12(8000)Psi	3	7	2021	6Diax12	14	28.28	104	8240	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

* 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 comprerssive 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

1667

To: **Mr. M. Shahbaz** Dr. Umbreen
M/s Imperium Hospitality (Pvt.) Ltd. Lahore.
Project: Nil

Our Ref. No. CL/CED/ 4626 Dated: 12-08-21

Your Ref. No. IHPL/Con/342 Dated: 29-07-21

COMPRESSION TEST REPORT

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

Specimens received on: 03-08-21 Tested on: 05-08-21 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(4000) Psi	25	6	2021	6Diax12	14.4	28.28	88	6970	Non Engraved
2	2(4000) Psi	25	6	2021	6Diax12	14.2	28.28	77	6100	Non Engraved
3	2(4000) Psi	25	6	2021	6Diax12	14.4	28.28	90	7130	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

* 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 comprerssive 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

1667

To: **Mr. M. Shahbaz** Dr. Umbreen
M/s Imperium Hospitality (Pvt.) Ltd. Lahore.
Project: Nil

Our Ref. No. CL/CED/ 4627 Dated: 12-08-21

Your Ref. No. IHPL/Con/34348 Dated: 29-07-21

COMPRESSION TEST REPORT

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

Specimens received on: 03-08-21 Tested on: 05-08-21 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(4000) Psi	3	7	2021	6Diax12	14	28.28	73	5790	Non Engraved
2	2(4000) Psi	3	7	2021	6Diax12	14	28.28	69	5470	Non Engraved
3	2(4000) Psi	3	7	2021	6Diax12	13.8	28.28	51	4040	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

* 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 comprerssive 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

1667

To: **Mr. M. Shahbaz** Dr. Umbreen
M/s Imperium Hospitality (Pvt.) Ltd. Lahore.
Project: Nil

Our Ref. No. CL/CED/ 4628 Dated: 12-08-21

Your Ref. No. IHPL/Con/34345 Dated: 29-07-21

COMPRESSION TEST REPORT

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

Specimens received on: 03-08-21 Tested on: 05-08-21 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	10(8000) Psi	29	6	2021	6Diax12	14	28.28	53	4200	Non Engraved
2	12(8000) Psi	29	6	2021	6Diax12	13.6	28.28	59	4680	Non Engraved
3	13(8000) Psi	29	6	2021	6Diax12	13.2	28.28	57	4520	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

* 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 comprerssive 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

1699

To: **Mr. Mudessar (Mananger QC)** Engr. Ubaid
M/s Country
Project: 46-G Model Town

Our Ref. No. CL/CED/ 4629 Dated: 12-08-21

Your Ref. No. CD-21-Testing /Con/46G-004 Dated: 05-08-21

COMPRESSION TEST REPORT

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

Specimens received on: 09-08-21 Tested on: 11-08-21 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	Basement Beam(1:2:4)	17	7	2021	6Diax12	13	28.28	23	1830	Engraved
2	Basement Beam(1:2:4)	17	7	2021	6Diax12	13.2	28.28	36	2860	Engraved
3	Basement Columns(1:2:4)	26	6	2021	6Diax12	13.4	28.28	79	6260	Engraved
4	Basement Columns(1:2:4)	26	6	6Diax12	6Diax12	14	28.28	56	4440	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"diax12" cylinder) strength at 28 days as comprerssive 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

1625

To: **Mr. Zain ul Hassan (Sr. Assistant Manager)** Dr. Umbreen
M/s Cotton Web Ltd. (Pvt.) Ltd. Lahore.
Project: Nil

Our Ref. No. CL/CED/ 4630-1 of 2 Dated: 12-08-21

Your Ref. No. Nil Dated: 27-07-21

COMPRESSION TEST REPORT

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

Specimens received on: 28-07-21 Tested on: 12-08-21 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	With Chemical Admixture	26	6	2021	6Diax12	13.8	28.28	33	2620	Non Engraved
2	With Chemical Admixture	26	6	2021	6Diax12	14	28.28	47	3730	Non Engraved
3	Without Chemical Admixture	27	6	2021	6Diax12	14	28.28	31	2460	Non Engraved
4	Without Chemical Admixture	27	6	2021	6Diax12	14	28.28	37	2940	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

* 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 comprerssive 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

1625

To: **Mr. Zain ul Hassan (Sr. Assistant Manager)** Dr. Umbreen
M/s Cotton Web Ltd. (Pvt.) Ltd. Lahore.
Project: Nil

Our Ref. No. CL/CED/ 4630-2 of 2 Dated: 12-08-21

Your Ref. No. Nil Dated: 27-07-21

COMPRESSION TEST REPORT

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

Specimens received on: 28-07-21 Tested on: 12-08-21 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	With Chemical Admixture	26	6	2021	6Diax12	13630	28.28			Non Engraved
2	With Chemical Admixture	26	6	2021	6Diax12	13835	28.28			Non Engraved
3	Without Chemical Admixture	27	6	2021	6Diax12	13750	28.28			Non Engraved
4	Without Chemical Admixture	27	6	2021	6Diax12	13740	28.28			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

* 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 comprerssive 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**