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

10210

To: **GHS Construction Co.** Dr. Umbreen
H # 419-Block-3, Sector All, Township Lahore
Project: Nil

Our Ref. No. CL/CED/ 277 Dated: 26-06-20

Your Ref. No. Nil Dated: 22-06-20

COMPRESSION TEST REPORT

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

Specimens received on: 22-06-20 Tested on: 25-06-20 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	TCF	18	7	2019	6x6x6	7.8	36	47	2930	Engraved
2	TCF	4	9	2019	6x6x6	8	36	55	3430	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

10211

To: **Nasir Mahmood Khan (Partner)** Dr. Umbreen
N.A. Associates, Lahore
Project: Construction of Commercial Building at Plot No. 44-D-1, Gulberg-III, Lahore

Our Ref. No. CL/CED/ 278 Dated: 26-06-20

Your Ref. No. NAA/Bill/44-D-I/22 Dated: 22-06-20

COMPRESSION TEST REPORT

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

Specimens received on: 22-06-20 Tested on: 25-06-20 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	U.G.W. Tanks Found	18	5	2020	6Diax12	13.4	28.28	47	3730	Non Engraved
2	U.G.W. Tanks Found	18	5	2020	6Diax12	13.2	28.28	47	3730	Non Engraved
3	U.G.W. Tanks Found	18	5	2020	6Diax12	13.6	28.28	37	2940	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

10215

To: **T.S.M Design Studio (Pvt.) Ltd.** Dr. Umbreen
Lahore
Project: Construction of Gerry's Dnata Cargo Export Building at Allama Iqbal International Airport Lahore

Our Ref. No. CL/CED/ 279 Dated: 26-06-20

Your Ref. No. Nil Dated: 17-06-20

COMPRESSION TEST REPORT

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

Specimens received on: 23-06-20 Tested on: 25-06-20 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	5	2020	6Diax12	13.8	28.28	55	4360	Non Engraved
2		20	5	2020	6Diax12	13.6	28.28	55	4360	Non Engraved
3		20	5	2020	6Diax12	13.8	28.28	61	4840	Non Engraved
4		21	5	2020	6Diax12	13.8	28.28	53	4200	Non Engraved
5		21	5	2020	6Diax12	14	28.28	53	4200	Non Engraved
6		21	5	2020	6Diax12	13.6	28.28	49	3890	Non 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

10221

To: **Nasir Mahmood Khan (Partner)** Dr. Umbreen
N.A. Associates, Lahore
Project: Construction of Commercial Building at Plot No. 44-D-1, Gulberg-III, Lahore

Our Ref. No. CL/CED/ 280 Dated: 26-06-20

Your Ref. No. NAA/Bill/44-D-I/23 Dated: 23-06-20

COMPRESSION TEST REPORT

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

Specimens received on: 23-06-20 Tested on: 25-06-20 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 Part-2	16	6	2020	6Diax12	14	28.28	39	3090	Non Engraved
2	Foundation Part-2	16	6	2020	6Diax12	14	28.28	35	2780	Non Engraved
3	Foundation Part-2	16	6	2020	6Diax12	14.2	28.28	35	2780	Non 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

10225

To: **Rizwan Ullah (Superintendent Rangers)** Dr. Umbreen
HQ Pakistan Rangers (Punjab), Lahore
Project: Headquarters Pakistan Rangers (Punjab), Ghazi Road, Lahore-33

Our Ref. No. CL/CED/ 281 Dated: 26-06-20

Your Ref. No. 2231/Works/757 Dated: 22-06-20

COMPRESSION TEST REPORT

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

Specimens received on: 24-06-20 Tested on: 25-06-20 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	Raft Foundation (3000 Psi)	9	6	2020	6Diax12	13	28.28	20	1590	Non Engraved
2	Raft Foundation (3000 Psi)	9	6	2020	6Diax12	13.6	28.28	26	2060	Non Engraved
3	Raft Foundation (3000 Psi)	9	6	2020	6Diax12	13.2	28.28	25	1980	Non Engraved
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**** 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

10227

To: **Shabbir Anjam (Project Manager)** Dr. Umbreen
Shahban Brothers, Lahore
Project: Site Madina Cooperative Lahore

Our Ref. No. CL/CED/ 282 Dated: 26-06-20

Your Ref. No. Nil Dated: 22-06-20

COMPRESSION TEST REPORT

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

Specimens received on: 24-06-20 Tested on: 25-06-20 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	3000 Psi	21	5	2020	6Diax12	14	28.28	65	5150	Non Engraved
2	3000 Psi	21	5	2020	6Diax12	13.8	28.28	59	4680	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

10218

To: **Umair Maqsood (Sub Divisional Officer)** Dr. Umbreen
Buildings Sub Division, Assembly, Lahore
Project: Construction of 60-No Staff Quarters (Grade 01 to 10) at MPA's Hostel, Lahore (ADP No.4585 for the year of 2019-20)

Our Ref. No. CL/CED/ 283 Dated: 26-06-20

Your Ref. No. 2541 Dated: 20-06-20

COMPRESSION TEST REPORT

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

Specimens received on: 23-06-20 Tested on: 25-06-20 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	Beam / Retaining Wall	8	6	2020	6x6x6	9	36	83	5170	Engraved
2	Beam / Retaining Wall	8	6	2020	6x6x6	9	36	88	5480	Engraved
3	Beam / Retaining Wall	8	6	2020	6x6x6	9	36	83	5170	Engraved
4	Beam / Retaining Wall	8	6	2020	6x6x6	9	36	83	5170	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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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

10218

To: **Umair Maqsood (Sub Divisional Officer)** Dr. Umbreen
Buildings Sub Division, Assembly, Lahore
Project: Construction of 60-No Staff Quarters (Grade 01 to 10) at MPA's Hostel, Lahore (ADP No.4585 for the year of 2019-20)

Our Ref. No. CL/CED/ 284 Dated: 26-06-20

Your Ref. No. 2539 Dated: 20-06-20

COMPRESSION TEST REPORT

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

Specimens received on: 23-06-20 Tested on: 25-06-20 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	Raft	18 5 2020	6x6x6	8.6	36	90	5600	Engraved
2	Raft	18 5 2020	6x6x6	8.4	36	43	2680	Engraved
3	Raft	18 5 2020	6x6x6	8.4	36	83	5170	Engraved
4	Raft	18 5 2020	6x6x6	8.2	36	47	2930	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

10218

To: **Umair Maqsood (Sub Divisional Officer)** Dr. Umbreen
Buildings Sub Division, Assembly, Lahore
Project: Construction of 60-No Staff Quarters (Grade 01 to 10) at MPA's Hostel, Lahore (ADP No.4585 for the year of 2019-20)

Our Ref. No. CL/CED/ 285 Dated: 26-06-20

Your Ref. No. 2543 Dated: 20-06-20

COMPRESSION TEST REPORT

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

Specimens received on: 23-06-20 Tested on: 25-06-20 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	Column	10	6	2020	6x6x6	9	36	100	6230	Non Engraved
2	Column	10	6	2020	6x6x6	9	36	104	6480	Non 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

10222

To: **Sub Divisional Officer** Dr. Umbreen
Buildings Sub Division No.15, Lahore
Project: Construction of New Administration Block in The Premises of Lahore High Court, Lahore

Our Ref. No. CL/CED/ 286 Dated: 26-06-20

Your Ref. No. 572 Dated: 17-06-20

COMPRESSION TEST REPORT

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

Specimens received on: 24-06-20 Tested on: 25-06-20 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	Roof Slab of 1st Floor	21	5	2020	6x6x6	9	36	90	5600	Non Engraved
2	Roof Slab of 1st Floor	21	5	2020	6x6x6	9	36	130	8090	Non Engraved
3	Roof Slab of 1st Floor	21	5	2020	6x6x6	9	36	126	7840	Non 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

10230

To: **Altaf Hussain (M.E)** Dr. Umbreen
AS Enterprises (AA Associates)
Project: Style Textile Raiwind Road (Chak # 65)

Our Ref. No. CL/CED/ 287 Dated: 26-06-20

Your Ref. No. USD/ASE/24 Dated: 25-06-20

COMPRESSION TEST REPORT

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

Specimens received on: 25-06-20 Tested on: 25-06-20 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	19	5	2020	6x6x6	8.2	36	104	6480	Non Engraved
2	C-20	19	5	2020	6x6x6	8.2	36	104	6480	Non Engraved
3	C-20	19	5	2020	6x6x6	8.4	36	116	7220	Non Engraved
4	C-30	19	5	2020	6x6x6	8.2	36	106	6600	Non Engraved
5	C-30	19	5	2020	6x6x6	8.4	36	110	6850	Non Engraved
6	C-30	19	5	2020	6x6x6	8.2	36	106	6600	Non Engraved
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supervisor(lab) **Director/Dy. Director Concrete Laboratory**