



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

934

Dr. Rizwan Riaz

To: Mr. Ehmud Ejaz (Assistant Quality Surveyor)
M/S LINKER (Pvt.) Ltd, Lahore. (M/S NYK Associates)
Subject: Constrction of Corporate Office Tower 9-Jail Road, Lahore.

Our Ref. No. CL/CED/ 2579 Dated: 25-03-21

Your Ref. No. Nil Dated: 24-03-21

COMPRESSION TEST REPORT

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

Specimens received on: 24-03-21 Tested on: 25-03-21 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	(4000) Psi	24	2	2021	6Diax12	13.4	28.28	55	4360	Non Engraved
2	(4000) Psi	24	2	2021	6Diax12	13.4	28.28	57	4520	Non Engraved
3	(4000) Psi	24	2	2021	6Diax12	13.4	28.28	67	5310	Non Engraved
4	(4000) Psi	9	3	2021	6Diax12	13.2	28.28	27	2140	Engraved
5	(4000) Psi	9	3	2021	6Diax12	13	28.28	33	2620	Engraved
6	(4000) Psi	9	3	2021	6Diax12	13.2	28.28	31	2460	Engraved
7										
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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 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
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Phone Nos. 042-99029202, 042-99029217

934
Dr. Rizwan
Riaz

To: Mr. Majid Yaseen (Senior District Engineer)
Humqadam SCRP (M/s Astral Constructions)
Project: Humqadam-School Construction and Rehabilitation Programme IMC WorldWide (GGHS Chak No.209 RB)

Our Ref. No. CL/CED/ 2580 Dated: 25-03-21

Your Ref. No. IMC-FSD/SCR/2021/
MaterialTesting/FSD-1 Dated: 24-03-21

COMPRESSION TEST REPORT

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

Specimens received on: 24-03-21 Tested on: 25-03-21 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
		19	2	2021						
1	Mortar Cube	19	2	2021	2.0x2.0x2.0	241	4	16.5	9100	
2	Mortar Cube	19	2	2021	2.0x2.0x2.0	239	4	5	2760	
3	Mortar Cube	19	2	2021	2.0x2.0x2.0	249	4	6	3310	
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Results can also be seen on website http://www.uet.edu.pk/faculties/facultiesinfo/departement?RID=testing_reports&id=6

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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

934

To: **Mr. Majid Yaseen (Senior District Engineer)**

Dr. Rizwan Riaz

Humqadam SCRP (M/s Astral Constructions)

Project: Humqadam-School Construction and Rehabilitation Programme IMC WorldWide (GGHS Auyb Colony)

Our Ref. No. CL/CED/

2581

Dated:

25-03-21

Your Ref. No.

IMC-FSD/SCRP/2021/
MaterialTesting/FSD-1

Dated:

24-03-21

COMPRESSION TEST REPORT

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

Specimens received

on:

24-03-21

Tested on:

25-03-21

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	25	2	2021	2.0x2.0x2.0	238	4	6.5	3590	
2	Mortar Cube	25	2	2021	2.0x2.0x2.0	246	4	4.5	2480	
3	Mortar Cube	25	2	2021	2.0x2.0x2.0	258	4	5.5	3040	
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Director/Dy. Director Concrete Laboratory



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

934

Dr. Rizwan Riaz

To: **Mr. Majid Yaseen (Sr. District Engineer)**
Humqadam SCRP (M/s Astral Constructions)

Project: Humqadam-School Construction and Rehabilitation Programme IMC WorldWide (GHS Talwandi)

Our Ref. No. CL/CED/ 2582 Dated: 25-03-21

Your Ref. No. IMC-FSD/SCRP/2021/
MaterialTesting/FSD-1 Dated: 24-03-21

COMPRESSION TEST REPORT

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

Specimens received on: 24-03-21 Tested on: 25-03-21 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	2	2021	2.0x2.0x2.0	253	4	5	2760	
2	Mortar Cube	20	2	2021	2.0x2.0x2.0	247	4	12.2	6730	
3	Mortar Cube	20	2	2021	2.0x2.0x2.0	241	4	10	5510	
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** BS3921 requires average of ten clay brick samples for crushing strength and water absorption

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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

935

Dr. Qasim

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

Humqadam SCRП (M/s Astral Constructions)

Project: Humqadam-School Construction and Rehabilitation Programme IMC WorldWide (GHS Talwandi)

Our Ref. No. CL/CED/ 2583 Dated: 25-03-21

Your Ref. No. IMC-LHS/SCRП/2021/
MaterialTesting/LHS-1 Dated: 24-03-21

COMPRESSION TEST REPORT

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

Specimens received
on:

24-03-21

Tested on:

25-03-21 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	16	3	2021	2.0x2.0x2.0	268	4	8.1	4470	
2	Mortar Cube	16	3	2021	2.0x2.0x2.0	271	4	5.6	3090	
3	Mortar Cube	16	3	2021	2.0x2.0x2.0	270	4	9.2	5070	
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Director/Dy. Director Concrete Laboratory



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Phone Nos. 042-99029202, 042-99029217

935

Dr. Qasim

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

Humqadam SCRP (M/s Astral Constructions)

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

Our Ref. No. CL/CED/ 2584 Dated: 25-03-21

Your Ref. No. IMC-LHS/SCRP/2021/
MaterialTesting/LHS-1 Dated: 24-03-21

COMPRESSION TEST REPORT

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

Specimens received on: 24-03-21 Tested on: 25-03-21 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	2	2021	2.0x2.0x2.0	252	4	3.4	1880	
2	Mortar Cube	22	2	2021	2.0x2.0x2.0	263	4	4	2210	
3	Mortar Cube	22	2	2021	2.0x2.0x2.0	249	4	13.5	7440	
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Phone Nos. 042-99029202, 042-99029217

935

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

Dr. Qasim

Humqadam SCRП (M/s Astral Constructions)

Project: Humqadam-School Construction and Rehabilitation Programme IMC WorldWide (GHS Chatian Wala)

Our Ref. No. CL/CED/

2586

Dated:

25-03-21

Your Ref. No.

IMC-LHS/SCRП/2021/
MaterialTesting/LHS-1

Dated:

24-03-21

COMPRESSION TEST REPORT

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

Specimens received
on:

24-03-21

Tested on:

25-03-
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	18	2	2021	2.0x2.0x2.0	271	4	7.2	3970	
2	Mortar Cube	18	2	2021	2.0x2.0x2.0	269	4	12.5	6890	
3	Mortar Cube	18	2	2021	2.0x2.0x2.0	273	4	4.8	2650	
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16										

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Plain and Reinforced Concrete Laboratory

Department of Civil Engineering

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Phone Nos. 042-99029202, 042-99029217

906

Dr. Ambreen

To: **M/S MG Construction & Services (Pvt.) Ltd.**
Lahore.

Project : Construction of Contact PTCL Centre Wafaqi Colony

Our Ref. No. CL/CED/ 2586 Dated: 25/03/2021

Your Ref. No. Nil Dated: 18/3/2021

COMPRESSION TEST REPORT

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

Specimens received on: 18/3/2021 Tested on: 25/03/2021 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	Roof Beam & Slab (4000) Psi	5	3	2021	6Diax12	14	28.28	33	2620	Engraved
2	Roof Beam & Slab (4000) Psi	5	3	2021	6Diax12	13.8	28.28	33	2620	Engraved
3										
4										
5										
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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

907

Dr. Ambreen

To: **Mr. Furqan-UI-Haq (General Manager)**
AYQ Developers (Pvt.) Ltd., Lahore.
Project: Nil

Our Ref. No. CL/CED/ 2587 Dated: 25/03/2021

Your Ref. No. Nil Dated: 18/3/2021

COMPRESSION TEST REPORT

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

Specimens received on: 18/3/2021 Tested on: 25/03/2021 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	(1:3:6)	20	2	2021	6Diax12	14	28.28	39	3090	Non Engraved
2	(1:3:6)	20	2	2021	6Diax12	13.8	28.28	37	2940	Non Engraved
3	(1:3:6)	20	2	2021	6Diax12	14	28.28	41	3250	Non Engraved
4										
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Phone Nos. 042-99029202, 042-99029217

928

Dr. Ambreen

To: Resident Engineer

Ess-I-AAR Consultant

Project: Rehabilitation/ Improvement of Sewerage System Jhang Phase-I

Our Ref. No. CL/CED/

2588

Dated:

25/03/2021

Your Ref. No.

No.754

Dated:

24/3/2021

COMPRESSION TEST REPORT

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

Specimens received on: 24/3/2021 Tested on: 25/03/2021 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	Solid Wall of Wet Well (1:1:2)	22	2	2021	6x6x6	8.8	36	126	7840	Non Engraved
2	Solid Wall of Wet Well (1:1:2)	22	2	2021	6x6x6	8.8	36	110	6850	Non Engraved
3										
4										
5										
6										
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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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Director/Dy. Director Concrete Laboratory



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

926

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

Dr. Ambreen

Humqadam SCRP (M/S Dawn Construction)

Project: Humqadam-School Construction and Rehabilitation Programme IMC WorldWide.

Our Ref. No. CL/CED/ 2589-1 of 2 Dated: 25/03/2021

Your Ref. No. IMC-LHR-SCRP-2020/
Material Testing/ LHR-6 Dated: 25/3/2021

COMPRESSION TEST REPORT

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

Specimens received on: 22/3/2021 Tested on: 25/03/2021 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		16	3	2021	6Diax12	11	28.28	21	1670	Non Engraved
2		16	3	2021	6Diax12	13	28.28	49	3890	Non Engraved
3		16	3	2021	6Diax12	13.2	28.28	63	4990	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

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Director/Dy. Director Concrete Laboratory



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927

Dr. Ambreen

To: Mr. Muneeb Ur Rehman (Sr. District Engineer)

Humqadam SCRP Sialkot.

Project : Humqadam-School Construction and Rehabilitation Programme IMC WorldWide. (GGPS Galotian Kalan)

Our Ref. No. CL/CED/ 2590 Dated: 25/03/2021

Your Ref. No. Nil Dated: 25/3/2021

COMPRESSION TEST REPORT

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

Specimens received on: 22/3/2021 Tested on: 25/03/2021 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	EMIS Code (34310461)	16	3	2021	6Diax12	12.2	28.28	45	3570	Non Engraved
2	EMIS Code (34310461)	16	3	2021	6Diax12	12.4	28.28	53	4200	Non Engraved
3	EMIS Code (34310461)	16	3	2021	6Diax12	12.4	28.28	49	3890	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 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

927

Dr. Ambreen

To: **Mr. Maqssod (Project Coordinator)**
M/S Banu Mukhtar Contracting (Pvt.) Ltd.
Project : Novatex (Pvt.) Ltd M3 industrial State FSD.

Our Ref. No. CL/CED/ 2593 Dated: 25/03/2021

Your Ref. No. BML/300841/010 Dated: 19/3/2021

COMPRESSION TEST REPORT

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

Specimens received on: 19/3/2021 Tested on: 25/03/2021 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	Production Hall Flooring (3500) Psi	8	3	2021	6Diax12	14	28.28	48	3810	Non Engraved
2	Production Hall Flooring (3500) Psi	8	3	2021	6Diax12	14.2	28.28	73	5790	Non Engraved
3	Production Hall Flooring (3500) Psi	8	3	2021	6Diax12	14.4	28.28	86	6820	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" 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

927

Dr. Ambreen

To: **Mr. Maqssod (Project Coordinator)**
M/S Banu Mukhtar Contracting (Pvt.) Ltd.
Project : Novatex (Pvt.) Ltd M3 industrial State FSD.

Our Ref. No. CL/CED/ 2594 Dated: 25/03/2021

Your Ref. No. BML/300841/011 Dated: 19/3/2021

COMPRESSION TEST REPORT

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

Specimens received on: 19/3/2021 Tested on: 25/03/2021 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	Power House Column (3500) Psi	16	2	2021	6Diax12	14.8	28.28	65	5150	Non Engraved
2	Power House Column (3500) Psi	16	2	2021	6Diax12	14.4	28.28	55	4360	Non Engraved
3	Power House Column (3500) Psi	16	2	2021	6Diax12	14.2	28.28	69	5470	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 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

927

Dr. Ambreen

To: **Mr. Maqssod (Project Coordinator)**
M/S Banu Mukhtar Contracting (Pvt.) Ltd.
Project : Novatex (Pvt.) Ltd M3 industrial State FSD.

Our Ref. No. CL/CED/ 2595 Dated: 25/03/2021

Your Ref. No. BML/300841/009 Dated: 19/3/2021

COMPRESSION TEST REPORT

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

Specimens received on: 19/3/2021 Tested on: 25/03/2021 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	Warehouse Psi (3500)	28	2	2021	6Diax12	14.2	28.28	77	6100	Non Engraved
2	Warehouse Psi (3500)	28	2	2021	6Diax12	14.4	28.28	67	5310	Non Engraved
3	Warehouse Psi (3500)	28	2	2021	6Diax12	14.4	28.28	45	3570	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 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