



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

8298

To: Engr. Muhammad Abdullah
Assistant Engineer B&W Department UET Lahore.
Project: Extension of Admin Block at UET Lahore Main Campus.

Dr. M. Yousaf

Our Ref. No. CL/CED/ 7701 Dated: 03-04-19
Your Ref. No. B&W/AENC/832 Dated: 19-03-19

COMPRESSION TEST REPORT

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

Specimens received on: 20-03-19 Tested on: 26-03-19 in dry/wet condition

Sl. 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	SS-1				8.8x4.3x2.9	3241	37.84	33	1960	
2	SS-1				8.8x4.4x2.8	3109	38.72	43	2490	
3	SS-1				8.9x4.3x2.9	3177	38.27	25	1470	
4	SS-1				8.9x4.4x2.9	3206	39.16	20	1150	
5	SS-1				8.8x4.3x2.8	3197	37.84	25	1480	
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Results can also be seen on website http://www.uet.edu.pk/faculties/facultiesinfo/departement?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

8249
Dr. M. Yousaf

To: Sub Divisional Officer
Building Sub Division, Kamoke
Project:Provin. ADP 2017-18 Constt.of Lab Library at Govt. Tameer-e-Nau Boys High School in Distt. Gwa.

Our Ref. No. CL/CED/ 7702 Dated: 03-04-19
Your Ref. No. 117/K Dated: 08-03-19

COMPRESSION TEST REPORT

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

Specimens received on: 12-03-19 Tested on: 26-03-19 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	5			3475	8.7x4.4x2.9	3070	38.28	35	2050	13.19
2	5			3443	8.8x4.3x2.8	3096	37.84	42	2490	11.2
3	5			3439	8.8x4.4x2.9	3032	38.72	33	1910	13.42
4	5			3646	8.9x4.3x2.9	3119	38.27	20	1180	16.89
5	5			3616	8.8x4.4x2.8	3136	38.72	27	1570	15.3
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Department of Civil Engineering
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Phone Nos. 042-99029202, 042-99029217

8251

To: Sub Divisional Officer
Buildings Sub Division No.12, Lahore.
Project:Constt. of Office Complex of Food Directorate Divisional Food Office Lahore & DFC, Office Lahore

Dr. M. Yousaf

Our Ref. No. CL/CED/ 7703 Dated: 03-04-19
Your Ref. No. 171/SDO 12th Dated: 05-03-19

COMPRESSION TEST REPORT

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

Specimens received on: 12-03-19 Tested on: 26-03-19 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	9			3246	8.8x4.3x2.9	2964	37.84	50	2960	9.51
2	9			3263	8.7x4.4x2.8	2988	38.28	50	2930	9.2
3	9			3311	8.7x4.3x2.9	3002	37.41	49	2940	10.29
4	9			3304	8.8x4.4x2.9	3029	38.72	52	3010	9.07
5	9			3264	8.8x4.4x2.8	2989	38.72	50	2900	9.2
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Department of Civil Engineering
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Phone Nos. 042-99029202, 042-99029217

8228
Dr. M. Yousaf

To: Mr. Saeed, Project Manager
Mukhtar Sons Construction Pvt. Ltd.
Project: Mint Property, 60-L, Gulberg III, Lahore.

Our Ref. No. CL/CED/ 7704 Dated: 03-04-19
Your Ref. No. Nil Dated: 07-03-19

COMPRESSION TEST REPORT

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

Specimens received on: 07-03-19 Tested on: 26-03-19 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	Talwar			3527	8.9x4.3x2.9	3145	38.27	35	2050	12.14
2	Talwar			3437	8.8x4.2x2.9	3046	36.96	42	2550	12.83
3	Talwar			3539	8.8x4.4x3	3137	38.72	33	1910	12.81
4	Talwar			3483	8.9x4.3x2.9	3149	38.27	40	2350	10.6
5	Talwar			3530	9x4.3x2.8	3114	38.7	33	1920	13.35
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supervisor(lab) Director/Dy. Director Concrete Laboratory



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Department of Civil Engineering
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8272
Dr. M. Yousaf

To: (Muhammad Faheem Haider), Flight Lieutenant,
Assistant Director Fazaia Housing Scheme Raiwind Road, Lahore.
Project: Imam Accommodation Fazaia Housing Scheme, Raiwind Road, Lahore.

Our Ref. No. CL/CED/ 7705 Dated: 03-04-19
Your Ref. No. FHSL/5771/1/Org (CA-54) Dated: 11-03-19

COMPRESSION TEST REPORT

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

Specimens received on: 15-03-19 Tested on: 26-03-19 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	MPS			3733	8.9x4.4x2.8	3372	39.16	39	2240	10.7
2	MPS			3852	8.8x4.3x2.9	3391	37.84	30	1780	13.59
3	MPS			3745	8.9x4.4x2.8	3332	39.16	40	2290	12.39
4	MPS			4063	8.9x4.3x2.9	3567	38.27	35	2050	13.9
5	MPS			3605	8.9x4.4x3	3265	39.16	47	2690	10.41
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Phone Nos. 042-99029202, 042-99029217

8369
Dr. Umbreen

To: Faisal Mahmood, Site Incharge
DESCON Engineering Ltd. (Client: Nestle Sheikhpura Factory)
Project: Sports Complex New Housing Colony Nestle Sheikhpura Factory.

Our Ref. No. CL/CED/ 7706 Dated: 03-04-19
Your Ref. No. 23-TP.20018 Dated: 25-03-19

COMPRESSION TEST REPORT

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

Specimens received on: 02-04-19 Tested on: 03-04-19 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	Slab	25	3	2019	6Diax12	13.4	28.28	25	1990	Non Engraved
2	Slab	25	3	2019	6Diax12	13.4	28.28	13	1030	Non Engraved
3	Slab	25	3	2019	6Diax12	13.4	28.28	22.5	1790	Non Engraved
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8285
Dr. M. Yousaf

To: Sub Divisional Officer
Buildings Sub Division, Chakwal.
Project: Upgradation of Punjab School of Mines Katas Tehsil Choa Saidan Shah Distt, Chakwal.

Our Ref. No. CL/CED/ 7707 Dated: 03-04-19
Your Ref. No. 2178/CKL Dated: 19-03-19

COMPRESSION TEST REPORT

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

Specimens received on: 19-03-19 Tested on: 26-03-19 in dry/wet condition

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	777				8.9x4.3x2.9	3104	36.12	48	2980	
2	777				8.8x4.4x2.8	3077	38.72	52	3010	
3	777				8.8x4.3x2.9	2998	37.84	60	3560	
4	R				8.7x4.2x2.8	3241	36.54	45	2760	
5	R				8.8x4.3x2.9	3133	37.84	48	2850	
6	R				8.9x4.2x2.8	3111	37.38	40	2400	
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Department of Civil Engineering
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Phone Nos. 042-99029202, 042-99029217

8258
Dr. M. Yousaf

To: Mr. Farhan Sajid, Resident Engineer
M/S MASCON Associates Pvt. Ltd.
Project: Musafir Khana (Railway Station)

Our Ref. No. CL/CED/ 7708 Dated: 03-04-19
Your Ref. No. RE/PG/18/6013 Dated: 14-03-19

COMPRESSION TEST REPORT

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

Specimens received on: 14-03-19 Tested on: 26-03-19 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	K-2			3719	8.9x4.4x2.9	3396	39.16	43	2460	9.51
2	K-2			3758	8.9x4.3x2.8	3410	38.27	41	2400	10.2
3	K-2			3861	8.9x4.4x2.9	3388	39.16	32	1840	13.96
4	K-2			3796	8.9x4.4x2.8	3444	39.16	42	2410	10.22
5	K-2			3734	8.8x4.4x2.9	3399	38.72	41	2380	9.85
6	K-2			3803	8.9x4.4x2.9	3419	38.72	40	2320	11.23
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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

To: Muhammad Bilal, Construction Manager
IIW-Industrial Engineers
Project: Construction of Bulk Oil Storage Terminal at Machike-C District Sheikhpura.

8335
Dr. Qasim Khan

Our Ref. No. CL/CED/7709Dated:03-04-19

Your Ref. No.NilDated:27-03-19

COMPRESSION TEST REPORT

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

Specimens received on:27-03-19Tested on:29-03-19in 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	Electric Pool	19	2	2019	6x6x6	8.3	36	109	6790	Non Engraved
2	Electric Pool	19	2	2019	6x6x6	8.6	36	35	2180	Non Engraved
3	Electric Pool	19	2	2019	6x6x6	8.6	36	102	6350	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

8335
Dr. Qasim
Khan

To: **Muhammad Bilal, Construction Manager**
IIW-Industrial Engineers
Project: Construction of Bulk Oil Storage Installation Machike-B District Sheikhpura.

Our Ref. No. CL/CED/ 7710 Dated: 03-04-19
Your Ref. No. Nil Dated: 27-03-19

COMPRESSION TEST REPORT

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

Specimens received on: 27-03-19 Tested on: 29-03-19 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	Plinth Beam	11	2	2019	6x6x6	8.3	36	35	2180	Non Engraved
2	Plinth Beam	11	2	2019	6x6x6	8.3	36	35	2180	Non Engraved
3	Plinth Beam	11	2	2019	6x6x6	8.2	36	33	2060	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

8335
Dr. Qasim Khan

To: **Muhammad Bilal, Construction Manager**
IIW-Industrial Engineers
Project: Construction of Bulk Oil Storage Installation Machike-B District Sheikhpura.

Our Ref. No. CL/CED/ 7711 Dated: 03-04-19
Your Ref. No. Nil Dated: 27-03-19

COMPRESSION TEST REPORT

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

Specimens received on: 27-03-19 Tested on: 29-03-19 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	API Footing	17	2	2019	6x6x6	8.2	36	34	2120	Non Engraved
2	API Footing	17	2	2019	6x6x6	8.4	36	87	5420	Non Engraved
3	API Footing	17	2	2019	6x6x6	8.4	36	37	2310	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

8335

To: **Muhammad Bilal, Construction Manager**
IIW-Industrial Engineers
Project: Construction of Bulk Oil Storage Installation Machike-B District Sheikhpura.

Dr. Qasim Khan

Our Ref. No. CL/CED/ 7712 Dated: 03-04-19
Your Ref. No. Nil Dated: 27-03-19

COMPRESSION TEST REPORT

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

Specimens received on: 27-03-19 Tested on: 29-03-19 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	Beam & Slab	20	2	2019	6x6x6	8.8	36	91	5670	Non Engraved
2	Beam & Slab	20	2	2019	6x6x6	8.8	36	67	4170	Non Engraved
3	Beam & Slab	20	2	2019	6x6x6	8.6	36	81	5040	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"x12" 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

8335

To: **Muhammad Bilal, Construction Manager**
IIW-Industrial Engineers
Project: Construction of Bulk Oil Storage Installation Machike-B District Sheikhpura.

Dr. Qasim Khan

Our Ref. No. CL/CED/ 7713 Dated: 03-04-19
Your Ref. No. Nil Dated: 27-03-19

COMPRESSION TEST REPORT

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

Specimens received on: 27-03-19 Tested on: 29-03-19 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	Gantry Way 1-5	21	2	2019	6x6x6	8.4	36	61	3800	Non Engraved
2	Gantry Way 1-5	21	2	2019	6x6x6	8.6	36	80	4980	Non Engraved
3	Gantry Way 1-5	21	2	2019	6x6x6	8.2	36	51	3180	Non Engraved
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Results can also be seen on website http://www.uet.edu.pk/faculties/facultiesinfo/departments/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
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**** 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

8335
Dr. Qasim
Khan

To: **Muhammad Bilal, Construction Manager**
IIW-Industrial Engineers
Project: Construction of Bulk Oil Storage Installation Machike-B District Sheikhpura.

Our Ref. No. CL/CED/ 7714 Dated: 03-04-19
Your Ref. No. Nil Dated: 27-03-19

COMPRESSION TEST REPORT

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

Specimens received on: 27-03-19 Tested on: 29-03-19 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	22	2	2019	6x6x6	8.4	36	44	2740	Non Engraved
2	Roof Beam & Slab	22	2	2019	6x6x6	8.3	36	80	4980	Non Engraved
3	Roof Beam & Slab	22	2	2019	6x6x6	8.4	36	97	6040	Non Engraved
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Results can also be seen on website http://www.uet.edu.pk/faculties/facultiesinfo/departement?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



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

8335

To: **Muhammad Bilal, Construction Manager**
IIW-Industrial Engineers
Project: Construction of Bulk Oil Storage Installation Machike-B District Sheikhpura.

Dr. Qasim Khan

Our Ref. No. CL/CED/ 7715 Dated: 03-04-19
Your Ref. No. Nil Dated: 27-03-19

COMPRESSION TEST REPORT

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

Specimens received on: 27-03-19 Tested on: 29-03-19 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	Gantry Way 5-10	26	2	2019	6x6x6	8.4	36	83	5170	Non Engraved
2	Gantry Way 5-10	26	2	2019	6x6x6	8.6	36	99	6160	Non Engraved
3	Gantry Way 5-10	26	2	2019	6x6x6	8.6	36	103	6410	Non Engraved
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Results can also be seen on website http://www.uet.edu.pk/faculties/facultiesinfo/departments?RID=testing_reports&id=6

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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

8335

To: **Muhammad Bilal, Construction Manager**
IIW-Industrial Engineers
Project: Construction of Bulk Oil Storage Installation Machike-B District Sheikhpura.

Dr. Qasim Khan

Our Ref. No. CL/CED/ 7716 Dated: 03-04-19
Your Ref. No. Nil Dated: 27-03-19

COMPRESSION TEST REPORT

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

Specimens received on: 27-03-19 Tested on: 29-03-19 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	API Separ. Wall	23	2	2019	6x6x6	8.4	36	37	2310	Non Engraved
2	API Separ. Wall	23	2	2019	6x6x6	9	36	80	4980	Non Engraved
3	API Separ. Wall	23	2	2019	6x6x6	8.4	36	59	3680	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

To: Sub Divisional Officer
Buildings Sub Division No.9, Lahore.
Project: Construction of Provincial Police Line of Punjab Highway Patrol at Jia Baggah.

8316
Engr. Aamina

Our Ref. No. CL/CED/ 7717 Dated: 03-04-19
Your Ref. No. 423/9th Dated: 14-09-18

COMPRESSION TEST REPORT

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

Specimens received on: 25-03-19 Tested on: 26-03-19 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	F.F Beams & Slab	13	9	2018	6x6x6	9	36	64	3990	Non Engraved
2	F.F Beams & Slab	13	9	2018	6x6x6	8.4	36	70	4360	Non Engraved
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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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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

To: Sub Divisional Officer
Buildings Sub Division No.9, Lahore.
Project: Construction of Provincial Police Line of Punjab Highway Patrol at Jia Baggah.

8316
Engr. Aamina

Our Ref. No. CL/CED/ 7718 Dated: 03-04-19
Your Ref. No. 23/9th Dated: 04-03-19

COMPRESSION TEST REPORT

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

Specimens received on: 25-03-19 Tested on: 26-03-19 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	2nd Floor Column	13	9	2018	6x6x6	8.4	36	79	4920	Non Engraved
2	2nd Floor Column	13	9	2018	6x6x6	8	36	51	3180	Non Engraved
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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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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

8317

Dr. Aqsa

To: Safdar Hussain, Resident Engineer
Associated Consulting Engineers Pvt. Ltd.
Project: Estab. of Daanish School (Boys & Girls) at Mankera Distt. Bhakkar. M/S A.H. Constt. (Package-2)

Our Ref. No. CL/CED/ 7719 Dated: 03-04-19
Your Ref. No. ACE/RE-PDS/MNK/19/203 Dated: 25-03-19

COMPRESSION TEST REPORT

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

Specimens received on: 25-03-19 Tested on: 28-03-19 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	RCC Slab, U.Shop	25	2	2019	6Diax12	13	28.28	70	5550	Engraved
2	RCC Slab, U.Shop	25	2	2019	6Diax12	13.4	28.28	81	6420	Engraved
3	RCC Slab, U.Shop	25	2	2019	6Diax12	14	28.28	80	6340	Engraved
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Results can also be seen on website http://www.uet.edu.pk/faculties/facultiesinfo/departments/testing_reports&id=6

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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

8317
Dr. Aqsa

To: Safdar Hussain, Resident Engineer
Associated Consulting Engineers Pvt. Ltd.
Project: Etab. of Daanish School (Boys & Girls) at Mankera Distt. Bhakkar. M/S A.H. Constt. (Package-2)

Our Ref. No. CL/CED/ 7720 Dated: 03-04-19
Your Ref. No. ACE/RE-PDS/MNK/19/201 Dated: 24-03-19

COMPRESSION TEST REPORT

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

Specimens received on: 25-03-19 Tested on: 28-03-19 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	RCC Col Host-2 G.F	24	2	2019	6Diax12	13.2	28.28	49	3890	Engraved
2	RCC Col Host-2 G.F	24	2	2019	6Diax12	12.8	28.28	74	5870	Engraved
3	RCC Col Host-2 G.F	24	2	2019	6Diax12	13	28.28	77	6100	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

8321
Dr. Aqsa

To: (Umar Abdul Rehman), Assistant Director
Anticorruption Establishment, Dera Ghazi Khan.
Project: Dualization of Road from Muzaffargarh to DG Khan, Length 20.60 Km Distt. DG Khan.

Our Ref. No. CL/CED/ 7721 Dated: 03-04-19
Your Ref. No. 39-DDT Dated: 20-03-19

COMPRESSION TEST REPORT

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

Specimens received on: 26-03-19 Tested on: 28-03-19 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	Kerb Stone				5.9x6x6.1	8	35.4	45	2850	Cut Cube
2	Kerb Stone				5.8x5.9x6	8.3	34.22	41	2690	Cut Cube
3	Kerb Stone				6x6.1x6.1	8	36.6	41	2510	Cut Cube
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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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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

To: (Umar Abdul Rehman), Assistant Director
Anticorruption Establishment, Dera Ghazi Khan.
Project: Dualization of Road from Muzaffargarh to DG Khan, Length 20.60 Km Distt. DG Khan.

8321
Dr. Aqsa

Our Ref. No. CL/CED/ 7722 Dated: 03-04-19
Your Ref. No. 35-DDT Dated: 20-03-19

COMPRESSION TEST REPORT

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

Specimens received on: 26-03-19 Tested on: 28-03-19 in dry/wet condition

Sl. No.	Mark*	Casting Date* /Wet Weight (gms)			Size (in)	Weight (lbs./gms)	Area of X- Section (Sq. in)	Ultimate load (Tons/lbs)	Ultimate Stress (Psi)	Remarks
1	Rectangular Grey				7.8x3.8x3.1	3809	29.64	133	10060	
2	Rectangular Grey				7.8x3.8x3.1	3842	29.64	127	9600	
3	Rectangular Grey				7.8x3.8x3.1	3799	29.64	112	8470	
4	Rectangular Grey				7.8x3.8x3.1	3872	29.64	138	10430	
5	Rectangular Grey				7.8x3.8x3.1	3896	29.64	123	9300	
6	Rectangular Grey				7.8x3.8x3.1	3799	29.64	125	9450	
7	Rectangular Grey				7.8x3.8x3.1	3864	29.64	94	7110	
8	Rectangular Grey				7.8x3.8x3.1	3894	29.64	118	8920	
9	Rectangular Grey				7.8x3.8x3.1	3914	29.64	126	9530	
10	Rectangular Grey				7.8x3.8x3.1	3922	29.64	84	6350	
11	Rectangular Grey				7.8x3.8x3.1	3886	29.64	112	8470	
12	Rectangular Grey				7.8x3.8x3.1	3889	29.64	134	10130	
13	Rectangular Grey				7.8x3.8x3.1	3956	29.64	132	9980	
14	Rectangular Grey				7.8x3.8x3.1	3902	29.64	95	7180	
15	Rectangular Grey				7.8x3.8x3.1	3886	29.64	78	5900	
16	Rectangular Grey				7.8x3.8x3.1	3899	29.64	81	6130	

Results can also be seen on website http://www.uet.edu.pk/faculties/facultiesinfo/departments/testing_reports&id=6

* as engraved on the specimens (if any)
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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

To: Sajid Ur Rehman
Ittefaq Ready Mix Pvt. Ltd. 189/190- Commer. Area, Airline Society Khayaban-e-Jinnah, Lahore.
Project: Kamran Steel Sadman Lahore.

8322
Dr. Aqsa

Our Ref. No. CL/CED/ 7723 Dated: 03-04-19

Your Ref. No. Nil Dated: 26-03-19

COMPRESSION TEST REPORT

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

Specimens received on: 26-03-19 Tested on: 28-03-19 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	12	3	2019	6Diax12	14	28.28	65	5150	Non Engraved
2	4000 Psi	12	3	2019	6Diax12	14.4	28.28	53	4200	Non Engraved
3	4000 Psi	15	3	2019	6Diax12	13.8	28.28	56	4440	Non Engraved
4	4000 Psi	15	3	2019	6Diax12	14	28.28	64	5070	Non Engraved
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Results can also be seen on website http://www.uet.edu.pk/faculties/facultiesinfo/departments/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

To: Sajid Ur Rehman
Ittefaq Ready Mix Pvt. Ltd. 189/190- Commer. Area, Airline Society Khayaban-e-Jinnah, Lahore.
Project: SM Imran House Lake City.

8322
Dr. Aqsa

Our Ref. No. CL/CED/ 7724 Dated: 03-04-19

Your Ref. No. Nil Dated: 26-03-19

COMPRESSION TEST REPORT

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

Specimens received on: 26-03-19 Tested on: 28-03-19 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	3000 Psi	20	3	2019	6Diax12	13.8	28.28	38	3010	Non Engraved
2	3000 Psi	20	3	2019	6Diax12	13.8	28.28	39	3090	Non Engraved
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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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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

To: **Shahzad Khurram, Sr. Site Incharge**
Associated Technologies Pvt. Ltd.
Project: CM Pak Rollout, Bhatta Chowk Lahore. (Site ID-42477),

8367
Dr. Umbreen

Our Ref. No. CL/CED/ 7725 Dated: 03-04-19
Your Ref. No. Nil Dated: 28-03-19

COMPRESSION TEST REPORT

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

Specimens received on: 02-04-19 Tested on: 03-04-19 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	Pad	27	2	2019	6x6x6	8.2	36	63	3920	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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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

8367
Dr. Umbreen

To: **Shahzad Khurram, Sr. Site Incharge**
Associated Technologies Pvt. Ltd.
Project: Mian Chowk Green Town, Lahore. (Site ID-42403)

Our Ref. No. CL/CED/ 7726 Dated: 03-04-19
Your Ref. No. Nil Dated: 28-03-19

COMPRESSION TEST REPORT

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

Specimens received on: 02-04-19 Tested on: 03-04-19 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	Pad	27	2	2019	6x6x6	8.2	36	73	4550	Non Engraved
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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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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

8367
Dr. Umbreen

To: **Shahzad Khurram, Sr. Site Incharge**
Associated Technologies Pvt. Ltd.
Project: Thallah Bazar, Lahore. (Site ID-42686)

Our Ref. No. CL/CED/ 7727 Dated: 03-04-19
Your Ref. No. Nil Dated: 28-03-19

COMPRESSION TEST REPORT

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

Specimens received on: 02-04-19 Tested on: 03-04-19 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	Pad	27	2	2019	6x6x6	8.4	36	94	5850	Non Engraved
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supervisor(lab) Director/Dy. Director Concrete Laboratory