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

7954

To: **Asstt: Director (P&E)** Dr. Aqsa
WASA, LDA, Lahore / M/s. Salam Construction Co.
Project:Tender No.P&S/25.01/6012/34-37 Dated:15.01.19-Constt. of Official Quarter Situated at Water Resvior H-Block, Sabzar A.I.T WASA, LDA, Lahore

Our Ref. No. CL/CED/ 7228 Dated: 11-02-19

Your Ref. No. ADP&E/2172 Dated: 18-01-19

COMPRESSION TEST REPORT

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

Specimens received on: 22-01-19 Tested on: 07-02-19 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	M A				8.8x4.2x2.9	3214	36.96	65	3940	
2	M A				8.9x4.3x2.8	3247	38.27	59	3460	
3	M A				8.8x4.2x2.9	3302	36.96	63	3820	
4	M A				8.8x4.2x2.9	3287	36.96	29	1760	
5	M A				8.8x4.4x2.9	3297	38.72	48	2780	
6	M A				8.9x4.3x2.9	3341	38.27	52	3050	
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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**

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7954

To: **Asstt: Director (P&E)** Dr. Aqsa
WASA, LDA, Lahore / M/s. Salam Construction Co.
Project:Tender No.P&S/25.01/6013/10-13 Dated:07.01.19 Rising and Repaor of Boundary Wall for Resident Director Audit Office at Rehmanpura WASA, LDA, Lahore

Our Ref. No.
CL/CED/ 7229 Dated: 11-02-19

Your Ref. No. ADP&E/2134 Dated: 15-01-19

COMPRESSION TEST REPORT

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

Specimens received on: 22-01-19 Tested on: 07-02-19 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	M A				8.9x4.3x2.9	3291	38.27	39	2290	
2	M A				8.9x4.4x2.9	3347	39.16	29	1660	
3	M A				8.9x4.3x2.9	3319	38.27	35	2050	
4	M A				8.8x4.4x2.8	3340	38.72	42	2430	
5	M A				8.9x4.3x2.9	3288	38.27	62	3630	
6	M A				8.9x4.3x2.8	3277	38.27	50	2930	
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Phone Nos. 042-99029202, 042-99029217

7954

To: **Ch. Muhammad Danish (XEN O&M)** Dr. Aqsa
WASA, LDA, Lahore / M/s. S.S. Brothers
Project:Tender No.XEN(O&M)/GT/2018-19/162/Rehab. of Retaining Wall of Cantt Drain Opposite Akram Medical Complex in Drainage Sub Division (Gulberg Town) WASA, LDA, Lahore

Our Ref. No. CL/CED/ 7230 Dated: 11-02-19

Your Ref. No. XEN(O&M)GT/590 Dated: 17-01-19

COMPRESSION TEST REPORT

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

Specimens received on: 22-01-19 Tested on: 07-02-19 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	M A				8.8x4.4x2.9	3340	38.72	31	1800	
2	M A				8.8x4.2x2.9	3337	36.96	53	3220	
3	M A				8.8x4.3x2.8	3361	37.84	55	3260	
4	M A				8.8x4.4x2.9	3355	38.72	50	2900	
5	M A				8.9x4.4x2.8	3391	39.16	27	1550	
6	M A				8.7x4.4x2.9	3326	38.28	35	2050	
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supervisor(lab) **Director/Dy. Director Concrete Laboratory**

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Phone Nos. 042-99029202, 042-99029217

8056

To: **Muhammad Yousaf (Purchase Executive)**
Ghani Glass Ltd. Lahore
Project:Ghani Glass Limited III Sheikhupura

Engr.Ubaid Ahmed

Our Ref. No. CL/CED/ 7231 Dated: 11-02-19

Your Ref. No. Nil Dated: 08-02-19

COMPRESSION TEST REPORT

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

Specimens received on: 08-02-19 Tested on: 11-02-19 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	Rectangular Grey				7.8x3.8x3.1	3642	29.64	69	5220	
2	Rectangular Grey				7.8x3.8x3.1	3666	29.64	45	3410	
3	Rectangular Grey				7.8x3.8x3.1	3691	29.64	63	4770	
4	Rectangular Grey				7.8x3.8x3.1	3426	29.64	57	4310	
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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**

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

8064

To: **Abdul Nasir Sheikh** Engr.Ubaid Ahmed
Punjab Concrete, Lahore Cantt.
Project:

Our Ref. No. CL/CED/ 7232 Dated: 11-02-19

Your Ref. No. Nil Dated: 11-02-19

COMPRESSION TEST REPORT

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

Specimens received on: 11-02-19 Tested on: 11-02-19 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	Rectangular Grey				7.8x3.8x2.2	2650	29.64	119	9000	
2	Rectangular Grey				7.8x3.8x2.2	2680	29.64	97	7340	
3	Rectangular Grey				7.8x3.8x2.2	2637	29.64	92	6960	
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supervisor(lab) **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

7976

To: **Mr. Khalid Hussain (Site-Incharge EPC)** Dr. Aqsa
DESCON
Project:White Oil Pipeline MOGAS,Mehmood Kot

Our Ref. No. CL/CED/ 7233-1 of 3 Dated: 11-02-19

Your Ref. No. Nil Dated: 26-01-19

COMPRESSION TEST REPORT

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

Specimens received on: 28-01-19 Tested on: 07-02-19 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	I-Section				2.3 Thick	3298	49.92	140	6290	
2	I-Section				2.3 Thick	3404	49.92	46	2070	
3	I-Section				2.3 Thick	3523	49.92	54	2430	
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supervisor(lab) **Director/Dy. Director Concrete Laboratory**

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

7976

To: **Mr. Khalid Hussain (Site-Incharge EPC)** Dr. Aqsa
DESCON
Project:White Oil Pipeline MOGAS,Mehmood Kot

Our Ref. No. CL/CED/ 7233-2 of 3 Dated: 11-02-19

Your Ref. No. Nil Dated: 26-01-19

COMPRESSION TEST REPORT

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

Specimens received on: 28-01-19 Tested on: 07-02-19 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				6x6x5.6	8200	36	128	7970	Cut Cube
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Phone Nos. 042-99029202, 042-99029217

7976

To: **Mr. Khalid Hussain (Site-Incharge EPC)** Engr.Ubaid Ahmed
DESCON
Project:White Oil Pipeline MOGAS, Mehmood Kot

Our Ref. No. CL/CED/ 7233-3 of 3 Dated: 11-02-19

Your Ref. No. Nil Dated: 26-01-19

COMPRESSION TEST REPORT

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

Specimens received on: 28-01-19 Tested on: 11-02-19 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	Uni-block Grey				2.2 Thick	3402	37.25	145	8720	
2	Uni-block Grey				2.2 Thick	3397	37.25	126	7580	
3	Uni-block Grey				2.2 Thick	3426	37.25	145	8720	
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