



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

9221

Dr. Aqsa

To: (Engr. Roshan Bin Naghman), Assistant Director (Civil), O i/c RMTL.

Civil Aviation Authority, Allama Iqbal International Airport Lahore.

Project: Relocation of DVOR/DME to New Location Inside Perimeter at AllAP, Lahore.

Our Ref. No. CL/CED/ 8952 Dated: 27-09-19

Your Ref. No. AllAP/1656-01/045/LACV/II/867 Dated: 23-09-19

COMPRESSION TEST REPORT

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

Specimens received on: 23-09-19 Tested on: 24-09-19 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
		Month	Day	Year						
1	(1:1.5:3)	20	7	2019	6x6x6	8.2	36	50	3120	Engraved
2	(1:1.5:3)	20	7	2019	6x6x6	8.4	36	41	2560	Engraved
3	(1:1.5:3)	20	7	2019	6x6x6	8	36	48	2990	Engraved
4	(1:1.5:3)	2	8	2019	6x6x6	8.8	36	59	3680	Engraved
5	(1:1.5:3)	2	8	2019	6x6x6	9.8	36	60	3740	Engraved
6	(1:1.5:3)	2	8	2019	6x6x6	9.8	36	48	2990	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



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9224

Dr. Aqsa

To: **Sana Ullah Cheema, Resident Engineer**

AZ Engineering Associates. Sargodha Residency. (M/s Tayyab Manzoor Tarar Govt. Contractor)

Project: Rehabilitation of Dualization Road from Sargodha to Makhdoom Interchange (M2) Length 42.00Km in District Sargodha (Phase-1 Left Carriageway).

Our Ref. No. CL/CED/ 8953 Dated: 27-09-19

Your Ref. No. RE/AZEA/SGD/1709 Dated: 20-09-19

COMPRESSION TEST REPORT

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

Specimens received on: 23-09-19 Tested on: 24-09-19 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
		Month	Day	Year						
1		22	8	2019	6x6x6	9.2	36	86	5360	Non Engraved
2		22	8	2019	6x6x6	9.2	36	84	5230	Non Engraved
3		22	8	2019	6x6x6	9.2	36	75	4670	Non Engraved
4		23	8	2019	6x6x6	9	36	79	4920	Non Engraved
5		23	8	2019	6x6x6	9	36	90	5600	Non Engraved
6		23	8	2019	6x6x6	9	36	89	5540	Non Engraved
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9184

Dr. Aqsa

To: Engr. Tajammal Farooq, Resident Engineer

AZ Engineering Associates Lahore. (M/S Ijaz Hussain & Co.)

Project: Construction Supervision of Scheme Pertaining to "Naya Pakistan Manzilen Asan" (RAP) Phase-1 for the Year 2018-19. Constt. of Road from Nankana Shahkot Road Kamalpur Choki to Panwan Nathuwala L

Our Ref. No. CL/CED/ 8954 Dated: 27-09-19

Your Ref. No. RE/LHR-55 Dated: 16-09-19

COMPRESSION TEST REPORT

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

Specimens received on: 16-09-19 Tested on: 24-09-19 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
		Month	Day	Year						
1	Culvert 2' Span (54+50)	20	8	2019	6x6x6	8.4	36	105	6540	Non Engraved
2	Culvert 2' Span (100+00)	20	8	2019	6x6x6	8.4	36	102	6350	Non Engraved
3	Culvert 2' Span (193+50)	20	8	2019	6x6x6	8.2	36	92	5730	Non Engraved
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