



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

1482

Engr. Ubaid

To: Engr. M. Usman Shahid Butt (Project Engineer)
M/s Etimaad Engineering (Pvt.) Ltd.
Project: Construction of Nimir Power Project Plant, Sheikhpura

Our Ref. No. CL/CED/ 4168 Dated: 01-07-21

Your Ref. No. Nil Dated: 28-06-21

COMPRESSION TEST REPORT

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

Specimens received on: 28-06-21 Tested on: 30-06-21 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		6	6	2021	6x6x6	8.4	36	68	4240	Non Engraved
2		6	6	2021	6x6x6	9	36	79	4920	Non Engraved
3		6	6	2021	6x6x6	9	36	81	5040	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

* 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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1402
Dr. Mazar

To: Deputy Director , Engg
Sec I&II, Package-I, LOLMTP, LDA Lahore
Project: Construction of TMA Office, Shalamar Town, Lahore Orange Line Train Project (Package-1)

Our Ref. No. CL/CED/ 4169 Dated: 01-07-21

Your Ref. No. DD/PKG-1/LOLMTP/LDA/46 Dated: 15-06-21

COMPRESSION TEST REPORT

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

Specimens received on: 15-06-21 Tested on: 28-06-21 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	A-5		8.9x4.3x3.1	3398	38.27	51	2990	
2	A-5		9.0x4.3x3.0	3456	38.7	52	3010	
3	A-5		8.9x4.3x3.1	3374	38.27	35	2050	
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1377
Dr. Mazar

To: Mr. Waqas
Post Office Takkhat Pur District Sialkot.
Project: Nil

Our Ref. No. CL/CED/ 4170 Dated: 01-07-21
Your Ref. No. Nil Dated: 09-06-21

COMPRESSION TEST REPORT

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

Specimens received on: 09-06-21 Tested on: 28-06-21 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	SSL		8.8x4.3x3.0	3323	37.8	69	4090	
2	SSL		8.9x4.3x3.0	3335	38.27	79	4630	
3	Machine Made		8.9x4.3x2.9	3128	38.27	79	4630	
4	Machine Made		8.8x4.3x2.9	3093	37.84	41	2430	
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1371

Dr. Mazar

To: Mr. Amjad Pervez (Asst. Executive Engineer, Civil)

KBCMA, CVAS, Narowal (M/s A.H Construction)

Project: Construction of Residences for Grade 01-10, Grade 11-14, Grade 15-17 and Grade 18&19 at KBCMA CVAS Narowal

Our Ref. No. CL/CED/

4171

Dated:

01-07-21

Your Ref. No.

A.E.E/NC/81

Dated:

24-04-21

COMPRESSION TEST REPORT

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

Specimens received on:

09-06-21

Tested on:

28-06-21

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	61		8.8x4.3x2.9	3494	37.84	33	1960	
2	61		8.9x4.2x3.0	3540	37.38	45	2700	
3	61		8.8x4.3x3.1	3440	37.84	35	2080	
4	61		8.9x4.3x2.9	3488	38.27	33	1940	
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1451

Engr. Ubaid

To: Mr. Abdullah Hussain (Resident Engineer)

M/s NESPAK (Pvt.) Ltd. Lahore.(Environmental & Public Health Engineering Division)

Project: Public Spaces Upgradation of Existing Parks in Sahiwal & Sialkot, (Lot-2: Works for Upgradation of 4 Existing Parks in Sialkot)

Our Ref. No. CL/CED/ 4172-1of 2 Dated: 01-07-21

Your Ref. No. Nespak/SAH/Uet/027 Dated: 18-06-21

COMPRESSION TEST REPORT

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

Specimens received on: 24-06-21 Tested on: 30-06-21 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	RCC Roof Slab (1:1.5:3)	25	5	2021	6Diax12	14	28.28	38	3010	Engraved
2	RCC Roof Slab (1:1.5:3)	25	5	2021	6Diax12	14	28.28	53	4200	Engraved
3	RCC Roof Slab (1:1.5:3)	25	5	2021	6Diax12	14	28.28	71	5630	Engraved
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1487
Dr. Aqsa

To: Mr. Mustaq Butt
House No.201/A1 Johar Town Lahore.
Project: Nil

Our Ref. No. CL/CED/ 4173 Dated: 01-07-21
Your Ref. No. Nil Dated: 29-06-21

COMPRESSION TEST REPORT

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

Specimens received on: 29-06-21 Tested on: 01-07-21 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	Fly Ash SM		8.9x4.4x3.1	2819	39.16	8	460	
2	Fly Ash SM		9.0x4.4x3.0	2736	39.16	12	690	
3	Fly Ash SM		9.0x4.3x3.1	2456	39.16	7	400	
4	Fly Ash SM		8.9x4.3x3.1	2591	39.16	7	400	
5	Fly Ash SM		9.0x4.3x3.0	2691	39.16	10	580	
6	Fly Ash SM		9.0x4.3x3.0	2482	39.16	10	580	
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1507

Engr.A.Rehman

To: **Mr. Shakeel Ahmed (Project Manager)**

M/s Con Drill (Pvt.) Ltd. Lahore

Project: TNS Beacon House , 23-Ell, Gulberg III, Lahore-Protection Pilling Work

Our Ref. No. CL/CED/ 4174 Dated: 01-07-21

Your Ref. No. CD/33-B/26/8670 Dated: 01-07-21

COMPRESSION TEST REPORT

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

Specimens received on: 01-07-21 Tested on: 01-07-21 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	6	2021	6Diax12	14.2	28.28	44	3490	Engraved
2	(4000) Psi	24	6	2021	6Diax12	13.6	28.28	41	3250	Engraved
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