



Plain and Reinforced Concrete Laboratory

Civil Engineering Department

University of Engineering and Technology, Lahore, Pakistan
Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

ORIGINAL

A carbon copy for the report has been retained in the lab for record.

9415
Engr. A. Rehman

To: Mr. Ali Raza
Resident Engineer, HA Consulting and Mascon Associates (Pvt) Ltd.

Project: Establishment of Garment Cities in Punjab (Construction of Stitching Unit in Quaid-e-Azam Business Park at Sheikhpura) (Group 1)

Our Ref. No. CL/CED/ 8240

Dated: 15/05/2025

Test Specification

Your Ref. No. HAC/QABP/SR/102

Dated: 15/03/2025

(----)

COMPRESSION TEST REPORT



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

Specimens received on: 13/05/2025 Tested on: 15/05/2025 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Water Absorption (%)	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)		
1	Machine Made Double Line	---	---	---	9 x 4.2 x 3	---	2845	37.8	34	2015	---	---
2	Machine Made Double Line	---	---	---	9 x 4.4 x 2.9	---	3010	39.6	36.5	2065	---	---
3	Machine Made Double Line	---	---	---	9 x 4.5 x 3	---	2800	40.5	40	2212	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

Results can also be seen on website <https://civil.uet.edu.pk/concrete-laboratory-reports1/>

- * 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

Civil Engineering Department

University of Engineering and Technology, Lahore, Pakistan
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ORIGINAL

A carbon copy for the report has been retained in the lab for record.

9427

Engr. A. Rehman

To: Mr. Tahawar Owais
Project Manager, DSG Energy, Moving Towards A Greener Future

Project: Construction of Office Building at 29-M QIE, Lahore.

Our Ref. No. CL/CED/ 8241

Dated: 15/05/2025

Test Specification

Your Ref. No. Nil

Dated: Nil

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 15/05/2025 Tested on: 15/05/2025 in dry/wet condition



Sr. No.	Mark*	Casting Date*			Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Water Absorption (%)	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)		
1	---	21	4	2025	6Diax12	---	14.4	28.28	62	4911	---	Non Engraved
2	---	21	4	2025	6Diax12	---	14	28.28	58	4594	---	Non Engraved
3	---	21	4	2025	6Diax12	---	14	28.28	54	4277	---	Non Engraved
4	---	7	5	2025	6Diax12	---	14	28.28	45	3564	---	Non Engraved
5	---	7	5	2025	6Diax12	---	13.8	28.28	59	4673	---	Non Engraved
6	---	7	5	2025	6Diax12	---	14	28.28	46	3644	---	Non Engraved
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
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13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

Results can also be seen on website <https://civil.uet.edu.pk/concrete-laboratory-reports1/>

- * 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



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9427
Engr. A. Rehman

To: Mr. Tahawar Owais
Project Manager, DSG Energy, Moving Towards A Greener Future

Project: Construction of Office Building at 29-M QIE, Lahore.

Our Ref. No. CL/CED/ 8242

Dated: 15/05/2025

Test Specification

Your Ref. No. Nil

Dated: Nil

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 15/05/2025 Tested on: 15/05/2025 in dry/wet condition



Sr. No.	Mark*	Casting Date*			Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
		DD	MM	YYYY								
1	---	16	4	2025	6Diax12	---	13.6	28.28	48	3802	---	Non Engraved
2	---	16	4	2025	6Diax12	---	14.2	28.28	60	4752	---	Non Engraved
3	---	16	4	2025	6Diax12	---	14	28.28	50	3960	---	Non Engraved
4	---	17	4	2025	6Diax12	---	14	28.28	62	4911	---	Non Engraved
5	---	17	4	2025	6Diax12	---	14	28.28	56	4436	---	Non Engraved
6	---	17	4	2025	6Diax12	---	14	28.28	58	4594	---	Non Engraved
7	---	19	4	2025	6Diax12	---	14	28.28	46	3644	---	Non Engraved
8	---	19	4	2025	6Diax12	---	14.2	28.28	52	4119	---	Non Engraved
9	---	19	4	2025	6Diax12	---	14	28.28	56	4436	---	Non Engraved
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

Results can also be seen on website <https://civil.uet.edu.pk/concrete-laboratory-reports1/>

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Director/Dy. Director Concrete Laboratory



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9429
Engr. A. Rehman

To: Mr. Anwar UI Haq
Project Manager, IKAN Engineering Services Pvt. Ltd.

Project: Nil

Our Ref. No. CL/CED/ 8243

Dated: 15/05/2025

Test Specification

Your Ref. No. IKAN-FSD-SITE-UET/006

Dated: 15/05/2025

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 15/05/2025 Tested on: 15/05/2025 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
		DD	MM	YYYY								
1	---	15	4	2025	6Diax12	---	14	28.28	35	2772	---	Engraved
2	---	15	4	2025	6Diax12	---	14	28.28	35	2772	---	Engraved
3	---	16	4	2025	6Diax12	---	13.4	28.28	29	2297	---	Engraved
4	---	16	4	2025	6Diax12	---	13.4	28.28	25	1980	---	Engraved
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Mr. Naeem CNIC # 35202-2670505-7 & Mr. Umer Khalil CNIC # 35202-3041562-5

Results can also be seen on website <https://civil.uet.edu.pk/concrete-laboratory-reports1/>

- * 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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Director/Dy. Director Concrete Laboratory



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9429
Engr. A. Rehman

To: Mr. Anwar UI Haq
Project Manager, IKAN Engineering Services Pvt. Ltd.

Project: Nil

Our Ref. No. CL/CED/ 8244

Dated: 15/05/2025

Test Specification

Your Ref. No. IKAN-FSD-SITE-UET/007

Dated: 15/05/2025

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 15/05/2025 Tested on: 15/05/2025 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
		DD	MM	YYYY								
1	---	7	5	2025	6Diax12	---	13.4	28.28	39	3089	---	Engraved
2	---	7	5	2025	6Diax12	---	13.6	28.28	33	2614	---	Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Mr. Naeem CNIC # 35202-2670505-7 & Mr. Umer Khalil CNIC # 35202-3041562-5

Results can also be seen on website <https://civil.uet.edu.pk/concrete-laboratory-reports1/>

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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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ORIGINAL
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9411
Dr. Umbreen

To: Mr. Sajjad Karim
Project Engineer, 7 Canal Developers.

Project: Construction of 7 Canal Residential Apartment Buildings

Our Ref. No. CL/CED/ 8245

Dated: 15/05/2025

Test Specification

Your Ref. No. Nil

Dated: 13/05/2025

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 13/05/2025 Tested on: 15/05/2025 in dry/wet condition



Sr. No.	Mark*	Casting Date*			Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
		DD	MM	YYYY								
1	4000 Psi	1	5	2025	6Diax12	---	14	28.28	46	3644	---	---
2	4000 Psi	1	5	2025	6Diax12	---	14	28.28	50	3960	---	---
3	5500 Psi	1	5	2025	6Diax12	---	15.2	28.28	63	4990	---	---
4	5500 Psi	1	5	2025	6Diax12	---	15.4	28.28	62	4911	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: CNIC # 35202-3135814-3

Results can also be seen on website <https://civil.uet.edu.pk/concrete-laboratory-reports1/>

- * 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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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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9351
 Engr. A. Rehman

To: Mr. M. Yasir Kiani
 Resident Engineer (JCP WAHGA) NESPAK Pvt. Ltd. (M/s Shahid Builders (Pvt.) Ltd.)

Project: Expansion of Joint Check Post Wahga, Lahore.

Our Ref. No. CL/CED/ 8246

Dated: 15/05/2025

Test Specification

Your Ref. No. 4749/031/YK/01/170

Dated: 25/04/2025

(BS 3921**)

COMPRESSION TEST REPORT



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

Specimens received on: **25/04/2025** Tested on: **15/05/2025** in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Water Absorption (%)	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)		
1	27	---	---	---	8.9 x 4.3 x 3	3660	3345	38.27	40	2341	9.42	---
2	27	---	---	---	8.9 x 4.3 x 3	3745	3340	38.27	43	2517	12.13	---
3	27	---	---	---	9 x 4.2 x 2.9	3630	3280	37.8	42	2489	10.67	---
4	27	---	---	---	8.9 x 4.3 x 3	3755	3360	38.27	41	2400	11.76	---
5	27	---	---	---	9 x 4.3 x 3	3805	3385	38.7	41	2373	12.41	---
6	No.1	---	---	---	8.7 x 4.2 x 3	3775	3435	36.54	44	2697	9.9	---
7	No.1	---	---	---	8.6 x 4.2 x 2.9	3785	3430	36.12	43	2667	10.35	---
8	No.1	---	---	---	8.8 x 4.3 x 3	3790	3425	37.84	43	2545	10.66	---
9	No.1	---	---	---	8.7 x 4.3 x 3	3810	3395	37.41	40	2395	12.22	---
10	No.1	---	---	---	9 x 4.4 x 3	3730	3355	39.6	39	2206	11.18	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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Director/Dy. Director Concrete Laboratory



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9346

Engr. A. Rehman

To: Mr. Muhammad Arif
Contract Manager, Thaheem Construction Company.

Project: Construction of Lab & Office Building at Starch Pack Pvt. Ltd. Near Bulleh Shah Paper Mills, Kasur.

Our Ref. No. CL/CED/ 8247

Dated: 15/05/2025

Test Specification

Your Ref. No. TCC/UET/001

Dated: 24/04/2025

(BS 3921**)

COMPRESSION TEST REPORT



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

Specimens received on: 25/04/2025 Tested on: 15/05/2025 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Water Absorption (%)	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)		
1	AS	---	---	---	8.8 x 4.2 x 2.9	3665	3245	36.96	42	2545	12.94	---
2	AS	---	---	---	8.8 x 4.2 x 3	3795	3335	36.96	33	2000	13.79	---
3	AS	---	---	---	8.8 x 4.2 x 2.9	3730	3285	36.96	44	2667	13.55	---
4	AS	---	---	---	8.8 x 4.3 x 3.1	3945	3500	37.84	42	2486	12.71	---
5	AS	---	---	---	8.8 x 4.3 x 3	3815	3350	37.84	41	2427	13.88	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

Results can also be seen on website <https://civil.uet.edu.pk/concrete-laboratory-reports1/>

- * 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

Civil Engineering Department

University of Engineering and Technology, Lahore, Pakistan
Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

ORIGINAL

A carbon copy for the report has been retained in the lab for record.

9408

Engr. A. Rehman

To: Manager
GAMA CRETE, Sanjwal Road, Kawa Pind, Attock.

Project: Nil

Our Ref. No. CL/CED/ 8248

Dated: 15/05/2025

Test Specification

Your Ref. No. Nil

Dated: 08/05/2025

(---)

COMPRESSION TEST REPORT



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

Specimens received on: 13/05/2025 Tested on: 15/05/2025 in dry/wet condition



Sr. No.	Mark*	Casting Date*			Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	Rectangular, Grey, 80mm	---	---	---	7.8x3.8x3.0	---	3530	29.64	63	4761	---	---
2	Rectangular, Grey, 80mm	---	---	---	7.8x3.8x3.0	---	3570	29.64	72	5441	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

Results can also be seen on website <https://civil.uet.edu.pk/concrete-laboratory-reports1/>

- * as engraved on the specimens (if any)
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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory