



**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.

4677  
 Dr. Iran ul Hassan

To: Mr. Muhammad Shahbaz  
 Imperium Hospitality (Pvt) Ltd.

Project: Nil

Our Ref. No. CL/CED/ 1030

Dated: 30/01/2023

Test Specification

Your Ref. No. IHPL/Con/986

Dated: 30/01/2022

( --- )

**COMPRESSION TEST REPORT**



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

Specimens received on: 30/01/2023 Tested on: 30/01/2023 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	Solid Block	---	---	---	11.9 x 8 x 5.9	---	19.85	95.2	26	612	---	---	
2	Solid Block	---	---	---	11.9 x 8 x 5.9	---	19.9	95.2	41	965	---	---	
3	Solid Block	---	---	---	11.9 x 8 x 5.9	---	18.8	95.2	20	471	---	---	
4	---	---	---	---	---	---	---	---	---	---	---	---	
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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.

4647  
 Dr. Umbreen

**To:** Mr. Ashiq Ali  
 Mustafabad, Lahore Cantt.

**Project:** Construction of Residence of Mr. Saad Asghar 88-C Model Town Lahore.

**Our Ref. No.** CL/CED/ 1031

**Dated:** 30/01/2023

**Test Specification**

**Your Ref. No.** Gen-429/6

**Dated:** 25/01/2023

( BS 1881-116 )

## COMPRESSION TEST REPORT



ONLINE REPORT

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

**Specimens received on:** 25/1/2023 **Tested on:** 30/01/2023 **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	---	28	12	2022	6x6x6	---	8.6	36	71	4418	---	Engraved
2	---	28	12	2022	6x6x6	---	8.4	36	81	5040	---	Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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**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**



**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.

4645  
 Dr. Umbreen

**To:** Asstt: Executive Engineer-IV  
 Central Civil Division-1, Pak. PWD, Lahore.

**Project:** Institutional Strengthening and Augmentation of Training and Research Functions of National School of Public Policy, Lahore. ( Sub Head Construction of New Office Block)

**Our Ref. No.** CL/CED/ 1032

**Dated:** 30/01/2023

**Test Specification**

**Your Ref. No.** AEE-IV/CCD-I/LHR/101-B

**Dated:** 10/08/2022

( BS 1881-116 )

**COMPRESSION TEST REPORT**



ONLINE REPORT

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

**Specimens received on:** 24/1/2023 **Tested on:** 30/01/2023 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	Plinth Beam (1:2:4)	29	6	2022	6x6x6	---	8.8	36	55	3422	---	Non Engraved
2	Plinth Beam (1:2:4)	29	6	2022	6x6x6	---	8.4	36	67	4169	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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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)
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Director/Dy. Director Concrete Laboratory



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4645  
 Dr. Umbreen

**To:** Asstt: Executive Engineer-IV  
 Central Civil Division-1, Pak. PWD, Lahore.

**Project:** Institutional Strengthening and Augmentation of Training and Research Functions of National School of Public Policy, Lahore. ( Sub Head Construction of New Office Block)

**Our Ref. No.** CL/CED/ 1033

**Dated:** 30/01/2023

**Test Specification**

**Your Ref. No.** AEE-IV/CCD-I/LHR/101

**Dated:** 26/07/2022

( BS 1881-116 )

## COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: **24/1/2023** Tested on: **30/01/2023** 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	Foundation (1:2:4)	21	6	2022	6x6x6	---	9	36	51	3173	---	Non Engraved
2	Foundation (1:2:4)	21	6	2022	6x6x6	---	9	36	45	2800	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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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" 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.

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Director/Dy. Director Concrete Laboratory



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

4650  
 Dr. Umbreen

**To:** Mr. Muhammad Tahir Nazeer, Deputy Manager Civil  
 Nishat Denim

**Project:** Construction of Nishat Mills Ltd. (Denim Division) M/S Contractor: Guarantee Engineers Pvt. Ltd.

**Our Ref. No.** CL/CED/ 1034

**Dated:** 30/01/2023

**Test Specification**

**Your Ref. No.** NDM/C-TEST/023

**Dated:** 23/01/2023

( BS 1881-116 )

**COMPRESSION TEST REPORT**



ONLINE REPORT

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

**Specimens received on:** 25/1/2023 **Tested on:** 30/01/2023 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	Bridge Abutment C-30	29	12	2022	6x6x6	---	8	36	83	5164	---	Non Engraved
2	Bridge Abutment C-30	29	12	2022	6x6x6	---	8.4	36	88	5476	---	Non Engraved
3	Bridge Abutment C-30	29	12	2022	6x6x6	---	8.4	36	104	6471	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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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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**Civil Engineering Department**  
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**ORIGINAL**  
 A carbon copy for the report has been retained in the lab for record.

4650  
 Dr. Umbreen

**To:** Mr. Muhammad Tahir Nazeer, Deputy Manager Civil  
 Nishat Denim

**Project:** Construction of Nishat Mills Ltd. (Denim Division) M/S Contractor: Guarantee Engineers Pvt. Ltd.

**Our Ref. No.** CL/CED/ 1035

**Dated:** 30/01/2023

**Test Specification**

**Your Ref. No.** NDM/C-TEST/024

**Dated:** 23/01/2023

( BS 1881-116 )

## COMPRESSION TEST REPORT



ONLINE REPORT

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

**Specimens received on:** 25/1/2023 **Tested on:** 30/01/2023 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	OHWT Column C-30	30	12	2022	6x6x6	---	8.6	36	100	6222	---	Non Engraved
2	OHWT Column C-30	30	12	2022	6x6x6	---	8.8	36	94	5849	---	Non Engraved
3	OHWT Column C-30	30	12	2022	6x6x6	---	8.6	36	83	5164	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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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

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**Director/Dy. Director Concrete Laboratory**



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

4650  
 Dr. Umbreen

**To:** Mr. Muhammad Tahir Nazeer, Deputy Manager Civil  
 Nishat Denim

**Project:** Construction of Nishat Mills Ltd. (Denim Division) M/S Contractor: Guarantee Engineers Pvt. Ltd.

**Our Ref. No.** CL/CED/ 1036

**Dated:** 30/01/2023

**Test Specification**

**Your Ref. No.** NDM/C-TEST/025

**Dated:** 23/01/2023

( BS 1881-116 )

## COMPRESSION TEST REPORT



ONLINE REPORT

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

**Specimens received on:** 25/1/2023 **Tested on:** 30/01/2023 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	Slab(A~D/1~4) C-30	1	1	2023	6x6x6	---	8.8	36	77	4791	---	Non Engraved
2	Slab(A~D/1~4) C-30	1	1	2023	6x6x6	---	8.8	36	88	5476	---	Non Engraved
3	Slab(A~D/1~4) C-30	1	1	2023	6x6x6	---	8.6	36	69	4293	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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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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 University of Engineering and Technology, Lahore, Pakistan  
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**ORIGINAL**  
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4650  
 Dr. Umbreen

**To:** Mr. Muhammad Tahir Nazeer, Deputy Manager Civil  
 Nishat Denim

**Project:** Construction of Nishat Mills Ltd. (Denim Division) M/S Contractor: Guarantee Engineers Pvt. Ltd.

**Our Ref. No.** CL/CED/ 1037

**Dated:** 30/01/2023

**Test Specification**

**Your Ref. No.** NDM/C-TEST/022

**Dated:** 23/01/2023

( BS 1881-116 )

## COMPRESSION TEST REPORT



ONLINE REPORT

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

**Specimens received on:** 25/1/2023 **Tested on:** 30/01/2023 **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	Masjad Column C-30	27	12	2022	6x6x6	---	9	36	120	7467	---	Non Engraved
2	Masjad Column C-30	27	12	2022	6x6x6	---	8.4	36	98	6098	---	Non Engraved
3	Masjad Column C-30	27	12	2022	6x6x6	---	8.4	36	100	6222	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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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**





**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.

4629  
 Dr. Umbreen

**To:** Mr. Khalid Bashir  
 Ittefaq Building Solutions (Pvt.) Ltd.

**Project:** Construction of Ahmad Latif-511, DHA Phase 6, J-Block, Lahore.

**Our Ref. No.** CL/CED/ 1038

**Dated:** 30/01/2023

**Test Specification**

**Your Ref. No.** IBS/AL/CT-03

**Dated:** 18/01/2023

( BS 1881-116 )

## COMPRESSION TEST REPORT



ONLINE REPORT

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

**Specimens received on:** 23/1/2023 **Tested on:** 30/01/2023 **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	Basement Slab (3000 Psi)	11	1	2023	6x6x6	---	8.8	36	65	4044	---	Non Engraved
2	Basement Slab (3000 Psi)	11	1	2023	6x6x6	---	8.6	36	65	4044	---	Non Engraved
3	Basement Slab (3000 Psi)	11	1	2023	6x6x6	---	9	36	69	4293	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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10	---	---	---	---	---	---	---	---	---	---	---	---
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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**



**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.

4637  
 Dr. Umbreen

**To:** Engr. Khalid Sattar, Resident Engineer. DHQ Hospital Hafizabad.  
 Master Consulting Engineers (Pvt.) Ltd.

**Project:** Consultancy Service Resident Supervision for the Project Titled" Up-Gradation of D.H.Q Hospital Hafizabad (Group No.2) ADP No. 768 for the year 2021-2022

**Our Ref. No.** CL/CED/ 1039

**Dated:** 30/01/2023

**Test Specification**

**Your Ref. No.** MCE/DHQ Hfzd/23/18

**Dated:** 21/01/2023

( BS 1881-116 )

## COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: **24/1/2023** Tested on: **30/01/2023** 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	RCC Raft Foundation (1:2:4)	19	12	2022	6x6x6	---	8.2	36	73	4542	---	Non Engraved
2	RCC Raft Foundation (1:2:4)	19	12	2022	6x6x6	---	9	36	106	6596	---	Non Engraved
3	RCC Raft Foundation (1:2:4)	19	12	2022	6x6x6	---	8.4	36	75	4667	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
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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



**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.

4637  
 Dr. Umbreen

**To:** Engr. Khalid Sattar, Resident Engineer. DHQ Hospital Hafizabad.  
 Master Consulting Engineers (Pvt.) Ltd.

**Project:** Consultancy Service Resident Supervision for the project Titled " Up-Gradaion of D.H.Q Hospital Hafizabad (Group No.1) ADP No. 768 for the year 2021-2022

**Our Ref. No.** CL/CED/ 1040

**Dated:** 30/01/2023

**Test Specification**

**Your Ref. No.** MCE/DHQ Hfzd/23/15

**Dated:** 17/01/2023

( BS 1881-116 )

## COMPRESSION TEST REPORT



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

**Specimens received on:** 24/1/2023 **Tested on:** 30/01/2023 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	RCC Roof Slab (1:2:4)	14	12	2022	6x6x6	---	9	36	90	5600	---	Non Engraved
2	RCC Roof Slab (1:2:4)	14	12	2022	6x6x6	---	9	36	83	5164	---	Non Engraved
3	RCC Roof Slab (1:2:4)	14	12	2022	6x6x6	---	9	36	81	5040	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
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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)
- \*\* 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.

4637  
 Dr. Umbreen

**To:** Engr. Khalid Sattar, Resident Engineer. DHQ Hospital Hafizabad.  
 Master Consulting Engineers (Pvt.) Ltd.

**Project:** Consultancy Service Resident Supervision for the project Titled " Up-Gradation of D.H.Q Hospital Hafizabad (Group No.1) ADP No. 768 for the year 2021-2022

**Our Ref. No.** CL/CED/ 1041

**Dated:** 30/01/2023

**Test Specification**

**Your Ref. No.** MCE/DHQ Hfzd/23/17

**Dated:** 21/01/2023

( BS 1881-116 )

## COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: **24/1/2023** Tested on: **30/01/2023** 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	RCC Column (1:1.5:3)	26	11	2022	6x6x6	---	8.2	36	71	4418	---	Non Engraved
2	RCC Column (1:1.5:3)	26	11	2022	6x6x6	---	8.6	36	93	5787	---	Non Engraved
3	RCC Column (1:1.5:3)	26	11	2022	6x6x6	---	8.6	36	75	4667	---	Non Engraved
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)
- \*\* 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.

4656  
 Dr. M. Yousaf

**To:** Mr. Muhammad Tahir Nazeer, Deputy Manager Civil  
 Nishat Denim

**Project:** Construction of Nishat Mills Ltd. (Denim Division) M/S Contractor: Najmi Nadeem Construction Pvt. Ltd.

**Our Ref. No.** CL/CED/ 1042

**Dated:** 30/01/2023

**Test Specification**

**Your Ref. No.** NDM/C-TEST/019

**Dated:** 12/01/2023

( BS 1881-116 )

## COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: **25/1/2023** Tested on: **30/01/2023** 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	Loom Shed Beam/B~L/26 C-20	14	12	2022	6x6x6	---	8.4	36	107	6658	---	Non Engraved
2	Loom Shed Beam/B~L/26 C-20	14	12	2022	6x6x6	---	8.2	36	84	5227	---	Non Engraved
3	Loom Shed Beam/B~L/26 C-20	14	12	2022	6x6x6	---	8.8	36	85	5289	---	Non Engraved
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)
- \*\* 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.

4656  
 Dr. M. Yousaf

**To:** Mr. Muhammad Tahir Nazeer, Deputy Manager Civil  
 Nishat Denim

**Project:** Construction of Nishat Mills Ltd. (Denim Division) M/S Contractor: Najmi Nadeem Construction Pvt. Ltd.

**Our Ref. No.** CL/CED/ 1043

**Dated:** 30/01/2023

**Test Specification**

**Your Ref. No.** NDM/C-TEST/018

**Dated:** 12/01/2023

( BS 1881-116 )

## COMPRESSION TEST REPORT



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

Specimens received on: **25/1/2023** Tested on: **30/01/2023** 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	Mezzanine Slab D~J/41~43 C-20	13	12	2022	6x6x6	---	8.2	36	78	4853	---	Non Engraved
2	Mezzanine Slab D~J/41~43 C-20	13	12	2022	6x6x6	---	8.4	36	102	6347	---	Non Engraved
3	Mezzanine Slab D~J/41~43 C-20	13	12	2022	6x6x6	---	8.2	36	80	4978	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
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13	---	---	---	---	---	---	---	---	---	---	---	---
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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



**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.

4576  
 Dr. Umbreen

To: Assistant Resident Engineer  
 G3 Engineering Consultant (Pvt.) Ltd. (M/S Fayyaz and Co.)

Project: Construction of Academic Block for the scheme titled " Establishment of Sub-Campus of GC University Faisalabad at Sammundari"  
 Our Ref. No. CL/CED/ 1044

Dated: 30/01/2023

Test Specification

Your Ref. No. G3/GCUF/ARE/10

Dated: 19/08/2022

( BS 3921\*\* )

**COMPRESSION TEST REPORT**



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

Specimens received on: 13/01/2023 Tested on: 30/01/2023 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	Machine Made Double Line	---	---	---	8.7 x 4.1 x 2.7	---	2695	35.67	53	3328	---	---
2	Machine Made Double Line	---	---	---	8.7 x 4 x 2.8	---	2685	34.8	61	3926	---	---
3	Machine Made Double Line	---	---	---	8.6 x 4 x 2.7	---	2650	34.4	59	3842	---	---
4	Machine Made Double Line	---	---	---	8.7 x 4.1 x 2.7	---	2735	35.67	61	3831	---	---
5	Machine Made Double Line	---	---	---	8.6 x 4.2 x 2.8	---	2685	36.12	51	3163	---	---
6	Machine Made Double Line	---	---	---	8.7 x 4.1 x 2.7	---	2655	35.67	53	3328	---	---
7	Machine Made Double Line	---	---	---	8.7 x 4.1 x 2.7	3150	2885	---	---	---	9.19	---
8	Machine Made Double Line	---	---	---	8.6 x 4.1 x 2.7	3095	2825	---	---	---	9.56	---
9	Machine Made Double Line	---	---	---	8.7 x 4.1 x 2.8	3155	2805	---	---	---	12.48	---
10	Machine Made Double Line	---	---	---	8.7 x 4.1 x 2.7	3100	2685	---	---	---	15.46	---
11	Machine Made Double Line	---	---	---	8.6 x 4 x 2.7	2985	2625	---	---	---	13.71	---
12	Machine Made Double Line	---	---	---	8.6 x 4.1 x 2.8	3125	2705	---	---	---	15.53	---
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" 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



**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.

4551  
 Dr. Umbreen

**To:** Mr. Muhammad Shafiq, Resident Engineer  
 NESPAK (Pvt.) Ltd. (M/s Shafiq Construction & Company)

**Project:** Const. of Fatima Jinnah Institute of Dental Sciences, Lahore. Balance Works of Construction Teaching College/Academic Block, Boys and Girls Hostel & Miscellaneous Works (Group No.2).  
**Our Ref. No.** CL/CED/ 1045      **Dated:** 30/01/2023

**Test Specification**  
 ( BS 3921\*\* )

**Your Ref. No.** 3016/13/MS/04/15      **Dated:** 02/01/2023

## COMPRESSION TEST REPORT



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

**Specimens received on:** 11/01/2023      **Tested on:** 30/01/2023      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	No.1	---	---	---	9 x 4.4 x 3	4000	3515	39.6	61	3451	13.8	---	
2	No.1	---	---	---	8.9 x 4.3 x 2.9	4030	3440	38.27	43	2517	17.15	---	
3	No.1	---	---	---	9 x 4.3 x 3.1	3945	3440	38.7	55	3183	14.68	---	
4	No.1	---	---	---	9 x 4.4 x 3	4080	3515	39.6	45	2545	16.07	---	
5	No.1	---	---	---	9 x 4.4 x 3	3985	3470	39.6	51	2885	14.84	---	
6	No.1	---	---	---	9 x 4.4 x 3	3905	3400	39.6	59	3337	14.85	---	
7	Sword	---	---	---	8.8 x 4.2 x 3	3500	3135	36.96	45	2727	11.64	---	
8	Sword	---	---	---	8.7 x 4.3 x 2.9	3435	3145	37.41	55	3293	9.22	---	
9	Sword	---	---	---	8.7 x 4.1 x 3	3435	3155	35.67	63	3956	8.87	---	
10	Sword	---	---	---	8.8 x 4.3 x 2.9	3490	3135	37.84	57	3374	11.32	---	
11	Sword	---	---	---	8.6 x 4.2 x 2.9	3580	3255	36.12	59	3659	9.98	---	
12	Sword	---	---	---	8.8 x 4.3 x 3	3475	3095	37.84	49	2901	12.28	---	
13	---	---	---	---	---	---	---	---	---	---	---	---	
14	---	---	---	---	---	---	---	---	---	---	---	---	
15	---	---	---	---	---	---	---	---	---	---	---	---	
16	---	---	---	---	---	---	---	---	---	---	---	---	

**Witnessed by:**

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

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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**