



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.

2398
 Engr. Ubaid

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

Project: New Apparel Facility, Ferozwatwan.

Our Ref. No. CL/CED/ 6627

Dated: 10-12-21

Test Specification

Your Ref. No. IBS/SD/CT-18

Dated: 07-12-21

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: Tested on: 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	IBS/L-90 (R&D Column). 4000Psi	28	11	2021	6Diax12	---	13	28.28	62	4911	---	Engraved
2	IBS/L-90 (R&D Column). 4000Psi	28	11	2021	6Diax12	---	14	28.28	65	5149	---	Engraved
3	IBS/L-90 (R&D Column). 4000Psi	28	11	2021	6Diax12	---	13.6	28.28	65	5149	---	Engraved
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14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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

- * 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
 University of Engineering and Technology, Lahore, Pakistan
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 For Ittefaq Building Solutions Pvt. Ltd.

Project: New Apparel Facility, Ferozwatwan.

Our Ref. No. CL/CED/ 6628

Dated: 10-12-21

Test Specification

Your Ref. No. IBS/SD/CT-17

Dated: 07-12-21

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 07-12-21 Tested on: 09-12-21 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	IBS/L-73(Apparel Bldg Col). 4000Psi	9	11	2021	6Diax12	---	14	28.28	65	5149	---	Non Engraved
2	IBS/L-73(Apparel Bldg Col). 4000Psi	9	11	2021	6Diax12	---	13	28.28	69	5465	---	Non Engraved
3	IBS/L-73(Apparel Bldg Col). 4000Psi	9	11	2021	6Diax12	---	13	28.28	62	4911	---	Non Engraved
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Witnessed by: Nil

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

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

Project: New Apparel Facility, Ferozwatwan.

Our Ref. No. CL/CED/ 6629

Dated: 10-12-21

Test Specification

Your Ref. No. IBS/SD/CT-16

Dated: 07-12-21

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: **07-12-21** Tested on: **09-12-21** 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	IBS/L-69 (Social B. Slab) 3000 Psi	6	11	2021	6Diax12	---	13.6	28.28	54	4277	---	Non Engraved
2	IBS/L-69 (Social B. Slab) 3000 Psi	6	11	2021	6Diax12	---	13.8	28.28	59	4673	---	Non Engraved
3	IBS/L-69 (Social B. Slab) 3000 Psi	6	11	2021	6Diax12	---	13.2	28.28	56	4436	---	Non Engraved
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Witnessed by: Nil

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2400
Engr. Ubaid

To: (Mr. Maqsood Ahmed), Construction Manager
BSM Developers (Pvt) Ltd.

Project: Construction of Watch BSM Head Office. (Contractor; M/s Ghousia Engineering & Construction Pvt Ltd).

Our Ref. No. CL/CED/ 6630

Dated: 10-12-21

Test Specification

Your Ref. No. CM/BSM/Ph-8/014

Dated: 07-12-21

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 07-12-21 Tested on: 09-12-21 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	Grid R/Wall A/1-4, 1/A-C (4000 Psi)	10	11	2021	6Diax12	---	14	28.28	48	3802	---	Non Engraved
2	Grid R/Wall A/1-4, 1/A-C (4000 Psi)	10	11	2021	6Diax12	---	14	28.28	69	5465	---	Non Engraved
3	Grid R/Wall A/1-4, 1/A-C (4000 Psi)	10	11	2021	6Diax12	---	14	28.28	66	5228	---	Non Engraved
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