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.

3908
Dr. Umbreen

To: **Engr. Haseeb Afzal, Project Manager**
HMB Developers Pvt. Ltd. 176-Shadman-II, Lahore.

Project: Construction of Commercial Tower, FTC Lahore.

Our Ref. No. CL/CED/ 9876 **Dated: 22/9/2022** **Test Specification**

Your Ref. No. HMBDPL/H.O/09/22/20th (LHR) **Dated: 20/9/2022** **(ASTM C39)**

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 20/9/2022 Tested on: 22/9/2022 in dry/wet condition

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	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
1	---	22	8	2022	6Diax12	---	13.6	28.28	77	6099	---	Non Engraved
2	---	22	8	2022	6Diax12	---	13.4	28.28	77	6099	---	Non Engraved
3	---	22	8	2022	6Diax12	---	13.2	28.28	77	6099	---	Non Engraved
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Witnessed by: Nil

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

1. * as engraved on the specimens (if any)
2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
4. **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as comprerssive strength

Note: Above results pertain to the unsealed samples supplied to the laboratory

1.The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
2.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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3919
Dr. Umbreen

To: (Brig. Saeed Ahmed Malik) SI (M), (R)
Resident Engineer, H&T Division, NESPAK (Pvt) Ltd.

Project: Restoration of Street No.1, Rassallah Bazar Old Anarkali UC-61 Lahore.

Our Ref. No. CL/CED/ 9877 **Dated:** 22/9/2022 **Test Specification**

Your Ref. No. 4084/103/BSAM/104/773 **Dated:** 13/9/2022 (BS 1881-116)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 21/9/2022 **Tested on:** 22/9/2022 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	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
1	---	17	8	2022	6x6x6	---	8.4	36	81	5040	---	Non Engraved
2	---	17	8	2022	6x6x6	---	8.4	36	69	4293	---	Non Engraved
3	---	17	8	2022	6x6x6	---	8.2	36	65	4044	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Nil

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

1. * as engraved on the specimens (if any)
2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
4. **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as comprerssive strength

Note: Above results pertain to the unsealed samples supplied to the laboratory

1.The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
2.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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3799
Dr. Aqsa

To: Engr. Fawad Butt, Project Engineer
Netracon Technologies (Pvt.) Ltd.

Project: WB-05A: Design Supply and Installation of 500 KV Nowshera (New) Grid Station

Our Ref. No. CL/CED/ 9878 **Dated: 22/9/2022** **Test Specification**

Your Ref. No. NTT-HO/WB05A-GS/07B **Dated: 16/8/2022** **(BS 3921**)**

COMPRESSION TEST REPORT

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

Specimens received on: 30/8/2022 **Tested on:** 16/9/2022 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	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
1	33	---	---	---	8.9 x 4.3 x 3.2	3910	3205	38.27	53	3102	22	Army Range
2	33	---	---	---	8.8 x 4.3 x 3.1	3700	3060	37.84	33	1953	20.92	Army Range
3	33	---	---	---	8.9 x 4.3 x 3.2	3775	3130	38.27	61	3570	20.61	Army Range
4	33	---	---	---	8.9 x 4.3 x 3.1	3750	3120	38.27	31	1814	20.19	Army Range
5	33	---	---	---	8.8 x 4.3 x 3	3695	3130	37.84	38	2249	18.05	Army Range
6	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

1. * as engraved on the specimens (if any)
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3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
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3799
Dr. Aqsa

To: Engr. Fawad Butt, Project Engineer
Netracon Technologies (Pvt.) Ltd.

Project: WB-05A: Design Supply and Installation of 500 KV Nowshera (New) Grid Station.

Our Ref. No. CL/CED/ 9879 **Dated: 22/9/2022** **Test Specification**

Your Ref. No. NTT-HO/WB05A-GS/07C **Dated: 16/8/2022** **(BS 3921**)**

COMPRESSION TEST REPORT

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

Specimens received on: 30/8/2022 **Tested on:** 16/9/2022 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	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
1	PR-1	---	---	---	8.7 x 4.3 x 3.1	3440	2880	37.41	56	3353	19.44	Special PR1 Bricks Company
2	PR-1	---	---	---	8.8 x 4.2 x 3.1	3415	2840	36.96	53	3212	20.25	Special PR1 Bricks Company
3	PR-1	---	---	---	8.8 x 4.3 x 3	3390	2805	37.84	39	2309	20.86	Special PR1 Bricks Company
4	PR-1	---	---	---	8.8 x 4.3 x 3	3300	2755	37.84	54	3197	19.78	Special PR1 Bricks Company
5	PR-1	---	---	---	8.9 x 4.3 x 3	3430	2875	38.27	46	2692	19.3	Special PR1 Bricks Company
6	---	---	---	---	---	---	---	---	---	---	---	---
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Dr. Aqsa

To: Engr. Fawad Butt, Project Engineer
Netracon Technologies (Pvt.) Ltd.

Project: WB-05A: Design Supply and Installation of 500 KV Nowshera (New) Grid Station.

Our Ref. No. CL/CED/ 9880 **Dated: 22/9/2022** **Test Specification**

Your Ref. No. NTT-HO/WB05A-GS/07D **Dated: 16/8/2022** **(BS 3921**)**

COMPRESSION TEST REPORT

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

Specimens received on: 30/8/2022 **Tested on:** 16/9/2022 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	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
1	33	---	---	---	8.7 x 4.2 x 3	3410	2900	36.54	56	3433	17.59	Haji Fazal Malik Bricks Company
2	33	---	---	---	8.8 x 4.2 x 2.9	3370	2885	36.96	71	4303	16.81	Haji Fazal Malik Bricks Company
3	33	---	---	---	8.8 x 4.2 x 2.9	3375	2860	36.96	61	3697	18.01	Haji Fazal Malik Bricks Company
4	33	---	---	---	8.8 x 4.3 x 2.9	3380	2840	37.84	59	3493	19.01	Haji Fazal Malik Bricks Company
5	33	---	---	---	8.8 x 4.3 x 3.1	3450	2915	37.84	71	4203	18.35	Haji Fazal Malik Bricks Company
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