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.

331
Dr. M. Yousaf

To: Project Manager
Mian Builders & Contractors. Lahore Cantt.

Project: Construction of Plot No. 103 Fortress Square Mall Cantt. Lahore.

Our Ref. No. CL/CED/ 9705 **Dated:** 16/10/2025 **Test Specification**

Your Ref. No. Nil **Dated:** 15/10/2025 (ASTM C39)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 15/10/2025 **Tested on:** 16/10/2025 **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	GF Column (4000 Psi)	16	9	2025	6Diax12	---	14	28.28	66	5228	---	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 compressive 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**

Plain and Reinforced Concrete Laboratory
Civil Engineering Department
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Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

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283
Dr. M. Yousaf

To: Deputy Project Manager
Engineering Consultancy Services (Pvt) Ltd.

Project: Engineering, Procurement & Construction and Operation & Maintenance of Nineteen (19) Districts (Smart Safe Cities) Project Phase-II

Our Ref. No. CL/CED/ 9706-1 of 14 **Dated: 16/10/2025** **Test Specification**

Your Ref. No. ECSP/SSC/PHII/25-56 **Dated: 23/09/2025** **(BS 1881-116)**

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 03/10/2025 **Tested on:** 16/10/2025 **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	IPNV Foundation Pakpattan	9	6	2025	6x6x6	---	8.4	36	82	5102	---	Non Engraved
2	IPNV Foundation Pakpattan	11	6	2025	6x6x6	---	8.2	36	85	5289	---	Non Engraved
3	IPNV Foundation Pakpattan	13	6	2025	6x6x6	---	8.4	36	77	4791	---	Non Engraved
4	IPNV Foundation Pakpattan	15	6	2025	6x6x6	---	8.4	36	64	3982	---	Non Engraved
5	IPNV Foundation Pakpattan	17	6	2025	6x6x6	---	8.4	36	70	4356	---	Non Engraved
6	IPNV Foundation Pakpattan	19	6	2025	6x6x6	---	9	36	65	4044	---	Non Engraved
7	IPNV Foundation Pakpattan	21	6	2025	6x6x6	---	8.8	36	73	4542	---	Non Engraved
8	IPNV Foundation Pakpattan	22	6	2025	6x6x6	---	9	36	67	4169	---	Non Engraved
9	IPNV Foundation Pakpattan	24	6	2025	6x6x6	---	8.6	36	64	3982	---	Non Engraved
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Witnessed by: Nil

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To: Deputy Project Manager
Engineering Consultancy Services (Pvt) Ltd.

Project: Engineering, Procurement & Construction and Operation & Maintenance of Nineteen (19) Districts (Smart Safe Cities) Project Phase-II

Our Ref. No. CL/CED/ 9706-2 of 14 **Dated: 16/10/2025** **Test Specification**

Your Ref. No. ECSP/SSC/PHII/25-56 **Dated: 23/09/2025** **(BS 1881-116)**

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 03/10/2025 Tested on: 16/10/2025 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
10	IPNV Foundation Pakpattan	25	6	2025	6x6x6	---	8.6	36	65	4044	---	Non Engraved
11	IPNV Foundation Pakpattan	27	6	2025	6x6x6	---	8	36	60	3733	---	Non Engraved
12	IPNV Foundation Pakpattan	28	6	2025	6x6x6	---	8.2	36	56	3484	---	Non Engraved
13	ANPR Foundation Pakpattan	30	6	2025	6x6x6	---	8.6	36	64	3982	---	Non Engraved
14	ANPR Foundation Pakpattan	2	6	2025	6x6x6	---	9	36	62	3858	---	Non Engraved
15	ANPR Foundation Pakpattan	4	6	2025	6x6x6	---	8.8	36	66	4107	---	Non Engraved
16	ANPR Foundation Pakpattan	6	6	2025	6x6x6	---	8.6	36	59	3671	---	Non Engraved
17	ANPR Foundation Pakpattan	9	6	2025	6x6x6	---	8.2	36	56	3484	---	Non Engraved
18	ANPR Foundation Pakpattan	11	6	2025	6x6x6	---	8.6	36	71	4418	---	Non Engraved
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Witnessed by: Nil

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To: Deputy Project Manager
Engineering Consultancy Services (Pvt) Ltd.

Project: Engineering, Procurement & Construction and Operation & Maintenance of Nineteen (19) Districts (Smart Safe Cities) Project Phase-II

Our Ref. No. CL/CED/ 9706-3 of 14 **Dated: 16/10/2025** **Test Specification**

Your Ref. No. ECSP/SSC/PHII/25-56 **Dated: 23/09/2025** **(BS 1881-116)**

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 03/10/2025 Tested on: 16/10/2025 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	IPNV Foundation Wazirabad	10	3	2025	6x6x6	---	8.8	36	68	4231	---	Non Engraved
2	IPNV Foundation Wazirabad	12	3	2025	6x6x6	---	8.6	36	60	3733	---	Non Engraved
3	IPNV Foundation Wazirabad	13	3	2025	6x6x6	---	8.8	36	60	3733	---	Non Engraved
4	IPNV Foundation Wazirabad	15	3	2025	6x6x6	---	8.2	36	58	3609	---	Non Engraved
5	IPNV Foundation Wazirabad	17	3	2025	6x6x6	---	8.4	36	58	3609	---	Non Engraved
6	IPNV Foundation Wazirabad	18	3	2025	6x6x6	---	8.6	36	64	3982	---	Non Engraved
7	IPNV Foundation Wazirabad	20	3	2025	6x6x6	---	8.8	36	52	3236	---	Non Engraved
8	IPNV Foundation Wazirabad	21	3	2025	6x6x6	---	8.4	36	59	3671	---	Non Engraved
9	IPNV Foundation Wazirabad	23	3	2025	6x6x6	---	8.6	36	74	4604	---	Non Engraved
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Witnessed by: Nil

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To: Deputy Project Manager
Engineering Consultancy Services (Pvt) Ltd.

Project: Engineering, Procurement & Construction and Operation & Maintenance of Nineteen (19) Districts (Smart Safe Cities) Project Phase-II

Our Ref. No. CL/CED/ 9706-4 of 14 Dated: 16/10/2025 Test Specification

Your Ref. No. ECSP/SSC/PHII/25-56 Dated: 23/09/2025 (BS 1881-116)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 03/10/2025 Tested on: 16/10/2025 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
10	IPNV Foundation Wazirabad	25	3	2025	6x6x6	---	9	36	62	3858	---	Non Engraved
11	IPNV Foundation Wazirabad	26	3	2025	6x6x6	---	8.8	36	58	3609	---	Non Engraved
12	IPNV Foundation Wazirabad	27	3	2025	6x6x6	---	8.2	36	51	3173	---	Non Engraved
13	ANPR Foundation Wazirabad	10	4	2025	6x6x6	---	8.8	36	70	4356	---	Non Engraved
14	ANPR Foundation Wazirabad	12	4	2025	6x6x6	---	9	36	57	3547	---	Non Engraved
15	ANPR Foundation Wazirabad	14	4	2025	6x6x6	---	8.4	36	64	3982	---	Non Engraved
16	ANPR Foundation Wazirabad	18	4	2025	6x6x6	---	8.6	36	59	3671	---	Non Engraved
17	ANPR Foundation Wazirabad	21	4	2025	6x6x6	---	8.2	36	58	3609	---	Non Engraved
18	ANPR Foundation Wazirabad	23	4	2025	6x6x6	---	8.8	36	70	4356	---	Non Engraved
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Witnessed by: Nil

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To: Deputy Project Manager
Engineering Consultancy Services (Pvt) Ltd.

Project: Engineering, Procurement & Construction and Operation & Maintenance of Nineteen (19) Districts (Smart Safe Cities) Project Phase-II

Our Ref. No. CL/CED/ 9706-5 of 14 **Dated: 16/10/2025** **Test Specification**

Your Ref. No. ECSP/SSC/PHII/25-56 **Dated: 23/09/2025** **(BS 1881-116)**

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 03/10/2025 **Tested on:** 16/10/2025 **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	IPNV Foundation Narowal	13	3	2025	6x6x6	---	8.8	36	60	3733	---	Non Engraved
2	IPNV Foundation Narowal	15	3	2025	6x6x6	---	8.2	36	58	3609	---	Non Engraved
3	IPNV Foundation Narowal	16	3	2025	6x6x6	---	8.4	36	60	3733	---	Non Engraved
4	IPNV Foundation Narowal	18	3	2025	6x6x6	---	8.6	36	55	3422	---	Non Engraved
5	IPNV Foundation Narowal	20	3	2025	6x6x6	---	9	36	54	3360	---	Non Engraved
6	IPNV Foundation Narowal	22	3	2025	6x6x6	---	8	36	54	3360	---	Non Engraved
7	IPNV Foundation Narowal	23	3	2025	6x6x6	---	8.4	36	59	3671	---	Non Engraved
8	IPNV Foundation Narowal	25	3	2025	6x6x6	---	8.8	36	60	3733	---	Non Engraved
9	IPNV Foundation Narowal	2	4	2025	6x6x6	---	9	36	62	3858	---	Non Engraved
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Witnessed by: Nil

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To: Deputy Project Manager
Engineering Consultancy Services (Pvt) Ltd.

Project: Engineering, Procurement & Construction and Operation & Maintenance of Nineteen (19) Districts (Smart Safe Cities) Project Phase-II

Our Ref. No. CL/CED/ 9706-6 of 14 Dated: 16/10/2025 Test Specification

Your Ref. No. ECSP/SSC/PHII/25-56 Dated: 23/09/2025 (BS 1881-116)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 03/10/2025 **Tested on:** 16/10/2025 **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
10	IPNV Foundation Narowal	4	4	2025	6x6x6	---	8.6	36	57	3547	---	Non Engraved
11	IPNV Foundation Narowal	6	4	2025	6x6x6	---	8.6	36	54	3360	---	Non Engraved
12	IPNV Foundation Narowal	8	4	2025	6x6x6	---	8.4	36	60	3733	---	Non Engraved
13	ANPR Foundation Narowal	23	4	2025	6x6x6	---	8.6	36	62	3858	---	Non Engraved
14	ANPR Foundation Narowal	25	4	2025	6x6x6	---	8.8	36	56	3484	---	Non Engraved
15	ANPR Foundation Narowal	27	4	2025	6x6x6	---	8.6	36	54	3360	---	Non Engraved
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18	ANPR Foundation Narowal	2	5	2025	6x6x6	---	9	36	64	3982	---	Non Engraved
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Witnessed by: Nil

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To: Deputy Project Manager
Engineering Consultancy Services (Pvt) Ltd.

Project: Engineering, Procurement & Construction and Operation & Maintenance of Nineteen (19) Districts (Smart Safe Cities) Project Phase-II

Our Ref. No. CL/CED/ 9706-7 of 14 Dated: 16/10/2025 Test Specification

Your Ref. No. ECSP/SSC/PHII/25-56 Dated: 23/09/2025 (BS 1881-116)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 03/10/2025 **Tested on:** 16/10/2025 **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	IPNV Foundation Chinyot	7	5	2025	6x6x6	---	8.4	36	54	3360	---	Non Engraved
2	IPNV Foundation Chinyot	8	5	2025	6x6x6	---	8.6	36	62	3858	---	Non Engraved
3	IPNV Foundation Chinyot	10	5	2025	6x6x6	---	8.2	36	64	3982	---	Non Engraved
4	IPNV Foundation Chinyot	11	5	2025	6x6x6	---	8.2	36	62	3858	---	Non Engraved
5	IPNV Foundation Chinyot	12	5	2025	6x6x6	---	8.6	36	84	5227	---	Non Engraved
6	IPNV Foundation Chinyot	14	5	2025	6x6x6	---	8.4	36	69	4293	---	Non Engraved
7	IPNV Foundation Chinyot	15	5	2025	6x6x6	---	8.4	36	62	3858	---	Non Engraved
8	IPNV Foundation Chinyot	17	5	2025	6x6x6	---	8.2	36	62	3858	---	Non Engraved
9	IPNV Foundation Chinyot	18	5	2025	6x6x6	---	8.6	36	70	4356	---	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 compressive 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**

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.

283
Dr. M. Yousaf

To: Deputy Project Manager
Engineering Consultancy Services (Pvt) Ltd.

Project: Engineering, Procurement & Construction and Operation & Maintenance of Nineteen (19) Districts (Smart Safe Cities) Project Phase-II

Our Ref. No. CL/CED/ 9706-8 of 14 Dated: 16/10/2025 Test Specification

Your Ref. No. ECSP/SSC/PHII/25-56 Dated: 23/09/2025 (BS 1881-116)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 03/10/2025 **Tested on:** 16/10/2025 **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
10	IPNV Foundation Chinyot	20	5	2025	6x6x6	---	8.2	36	66	4107	---	Non Engraved
11	IPNV Foundation Chinyot	21	5	2025	6x6x6	---	8.6	36	68	4231	---	Non Engraved
12	IPNV Foundation Chinyot	22	5	2025	6x6x6	---	8.4	36	60	3733	---	Non Engraved
13	ANPR Foundation Chinyot	23	5	2025	6x6x6	---	8.8	36	54	3360	---	Non Engraved
14	ANPR Foundation Chinyot	25	5	2025	6x6x6	---	8.4	36	56	3484	---	Non Engraved
15	ANPR Foundation Chinyot	26	5	2025	6x6x6	---	8.2	36	54	3360	---	Non Engraved
16	ANPR Foundation Chinyot	28	5	2025	6x6x6	---	8.4	36	56	3484	---	Non Engraved
17	ANPR Foundation Chinyot	31	6	2025	6x6x6	---	8.4	36	60	3733	---	Non Engraved
18	ANPR Foundation Chinyot	2	6	2025	6x6x6	---	9.2	36	68	4231	---	Non Engraved
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Witnessed by: Nil

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Dr. M. Yousaf

To: Deputy Project Manager
Engineering Consultancy Services (Pvt) Ltd.

Project: Engineering, Procurement & Construction and Operation & Maintenance of Nineteen (19) Districts (Smart Safe Cities) Project Phase-II

Our Ref. No. CL/CED/ 9706-9 of 14 Dated: 16/10/2025 Test Specification

Your Ref. No. ECSP/SSC/PHII/25-56 Dated: 23/09/2025 (BS 1881-116)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 03/10/2025 **Tested on:** 16/10/2025 **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	IPNV Foundation Khushab	9	5	2025	6x6x6	---	8.8	36	58	3609	---	Non Engraved
2	IPNV Foundation Khushab	11	5	2025	6x6x6	---	8.6	36	56	3484	---	Non Engraved
3	IPNV Foundation Khushab	13	5	2025	6x6x6	---	8.6	36	60	3733	---	Non Engraved
4	IPNV Foundation Khushab	15	5	2025	6x6x6	---	8.8	36	59	3671	---	Non Engraved
5	IPNV Foundation Khushab	16	5	2025	6x6x6	---	8.4	36	58	3609	---	Non Engraved
6	IPNV Foundation Khushab	18	5	2025	6x6x6	---	8.6	36	62	3858	---	Non Engraved
7	IPNV Foundation Khushab	20	5	2025	6x6x6	---	8.4	36	58	3609	---	Non Engraved
8	IPNV Foundation Khushab	22	5	2025	6x6x6	---	8.2	36	60	3733	---	Non Engraved
9	IPNV Foundation Khushab	24	5	2025	6x6x6	---	8.4	36	60	3733	---	Non Engraved
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Witnessed by: Nil

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Dr. M. Yousaf

To: Deputy Project Manager
Engineering Consultancy Services (Pvt) Ltd.

Project: Engineering, Procurement & Construction and Operation & Maintenance of Nineteen (19) Districts (Smart Safe Cities) Project Phase-II

Our Ref. No. CL/CED/ 9706-10 of 14 **Dated: 16/10/2025** **Test Specification**

Your Ref. No. ECSP/SSC/PHII/25-56 **Dated: 23/09/2025** **(BS 1881-116)**

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 03/10/2025 **Tested on:** 16/10/2025 **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
10	IPNV Foundation Khushab	25	5	2025	6x6x6	---	8.6	36	56	3484	---	Non Engraved
11	IPNV Foundation Khushab	26	5	2025	6x6x6	---	8.4	36	58	3609	---	Non Engraved
12	IPNV Foundation Khushab	28	5	2025	6x6x6	---	8.6	36	60	3733	---	Non Engraved
13	ANPR Foundation Khushab	30	5	2025	6x6x6	---	8.6	36	66	4107	---	Non Engraved
14	ANPR Foundation Khushab	1	6	2025	6x6x6	---	8.4	36	62	3858	---	Non Engraved
15	ANPR Foundation Khushab	3	6	2025	6x6x6	---	8.4	36	60	3733	---	Non Engraved
16	ANPR Foundation Khushab	4	6	2025	6x6x6	---	8.8	36	57	3547	---	Non Engraved
17	ANPR Foundation Khushab	6	6	2025	6x6x6	---	8.6	36	56	3484	---	Non Engraved
18	ANPR Foundation Khushab	8	6	2025	6x6x6	---	8.8	36	56	3484	---	Non Engraved
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Witnessed by: Nil

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Project: Engineering, Procurement & Construction and Operation & Maintenance of Nineteen (19) Districts (Smart Safe Cities) Project Phase-II

Our Ref. No. CL/CED/ 9706-11 of 14 Dated: 16/10/2025 Test Specification

Your Ref. No. ECSP/SSC/PHII/25-56 Dated: 23/09/2025 (BS 1881-116)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 03/10/2025 **Tested on:** 16/10/2025 **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	IPNV Foundation Hafizabad	19	4	2025	6x6x6	---	8.6	36	58	3609	---	Non Engraved
2	IPNV Foundation Hafizabad	21	4	2025	6x6x6	---	8.6	36	56	3484	---	Non Engraved
3	IPNV Foundation Hafizabad	23	4	2025	6x6x6	---	8.2	36	57	3547	---	Non Engraved
4	IPNV Foundation Hafizabad	25	4	2025	6x6x6	---	8.6	36	61	3796	---	Non Engraved
5	IPNV Foundation Hafizabad	27	4	2025	6x6x6	---	8.4	36	61	3796	---	Non Engraved
6	IPNV Foundation Hafizabad	28	4	2025	6x6x6	---	8.4	36	56	3484	---	Non Engraved
7	IPNV Foundation Hafizabad	30	4	2025	6x6x6	---	8	36	58	3609	---	Non Engraved
8	IPNV Foundation Hafizabad	2	5	2025	6x6x6	---	8.2	36	54	3360	---	Non Engraved
9	IPNV Foundation Hafizabad	3	5	2025	6x6x6	---	8.4	36	59	3671	---	Non Engraved
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Witnessed by: Nil

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Dr. M. Yousaf

To: Deputy Project Manager
Engineering Consultancy Services (Pvt) Ltd.

Project: Engineering, Procurement & Construction and Operation & Maintenance of Nineteen (19) Districts (Smart Safe Cities) Project Phase-II

Our Ref. No. CL/CED/ 9706-12 of 14 Dated: 16/10/2025 Test Specification

Your Ref. No. ECSP/SSC/PHII/25-56 Dated: 23/09/2025 (BS 1881-116)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 03/10/2025 Tested on: 16/10/2025 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
10	IPNV Foundation Hafizabad	5	5	2025	6x6x6	---	8.4	36	62	3858	---	Non Engraved
11	IPNV Foundation Hafizabad	7	5	2025	6x6x6	---	8.6	36	58	3609	---	Non Engraved
12	ANPR Foundation Hafizabad	9	5	2025	6x6x6	---	8.8	36	56	3484	---	Non Engraved
13	ANPR Foundation Hafizabad	10	5	2025	6x6x6	---	8.4	36	62	3858	---	Non Engraved
14	ANPR Foundation Hafizabad	1	6	2025	6x6x6	---	8.4	36	56	3484	---	Non Engraved
15	ANPR Foundation Hafizabad	3	6	2025	6x6x6	---	8.4	36	53	3298	---	Non Engraved
16	ANPR Foundation Hafizabad	4	6	2025	6x6x6	---	8.4	36	61	3796	---	Non Engraved
17	ANPR Foundation Hafizabad	6	6	2025	6x6x6	---	8.4	36	60	3733	---	Non Engraved
18	ANPR Foundation Hafizabad	8	6	2025	6x6x6	---	8.8	36	60	3733	---	Non Engraved
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Witnessed by: Nil

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To: Deputy Project Manager
Engineering Consultancy Services (Pvt) Ltd.

Project: Engineering, Procurement & Construction and Operation & Maintenance of Nineteen (19) Districts (Smart Safe Cities) Project Phase-II

Our Ref. No. CL/CED/ 9706-13 of 14 Dated: 16/10/2025 Test Specification

Your Ref. No. ECSP/SSC/PHII/25-56 Dated: 23/09/2025 (BS 1881-116)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 03/10/2025 **Tested on:** 16/10/2025 **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	IPNV Foundation Mandibahaudin	2	4	2025	6x6x6	---	8.2	36	59	3671	---	Non Engraved
2	IPNV Foundation Mandibahaudin	3	4	2025	6x6x6	---	8.4	36	54	3360	---	Non Engraved
3	IPNV Foundation Mandibahaudin	5	4	2025	6x6x6	---	8	36	59	3671	---	Non Engraved
4	IPNV Foundation Mandibahaudin	6	4	2025	6x6x6	---	8.2	36	58	3609	---	Non Engraved
5	IPNV Foundation Mandibahaudin	7	4	2025	6x6x6	---	8.2	36	63	3920	---	Non Engraved
6	IPNV Foundation Mandibahaudin	8	4	2025	6x6x6	---	8	36	60	3733	---	Non Engraved
7	IPNV Foundation Mandibahaudin	9	4	2025	6x6x6	---	8.6	36	60	3733	---	Non Engraved
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9	IPNV Foundation Mandibahaudin	12	4	2025	6x6x6	---	8.6	36	57	3547	---	Non Engraved
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Witnessed by: Nil

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To: Deputy Project Manager
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Project: Engineering, Procurement & Construction and Operation & Maintenance of Nineteen (19) Districts (Smart Safe Cities) Project Phase-II

Our Ref. No. CL/CED/ 9706-14 of 14 **Dated: 16/10/2025** **Test Specification**

Your Ref. No. ECSP/SSC/PHII/25-56 **Dated: 23/09/2025** **(BS 1881-116)**

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 03/10/2025 **Tested on:** 16/10/2025 **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
10	IPNV Foundation Mandibahaudin	14	4	2025	6x6x6	---	8.8	36	59	3671	---	Non Engraved
11	IPNV Foundation Mandibahaudin	15	4	2025	6x6x6	---	8.4	36	60	3733	---	Non Engraved
12	IPNV Foundation Mandibahaudin	17	4	2025	6x6x6	---	8.4	36	58	3609	---	Non Engraved
13	ANPR Foundation Mandibahaudin	17	4	2025	6x6x6	---	8.2	36	60	3733	---	Non Engraved
14	ANPR Foundation Mandibahaudin	20	4	2025	6x6x6	---	8	36	61	3796	---	Non Engraved
15	ANPR Foundation Mandibahaudin	22	4	2025	6x6x6	---	8	36	60	3733	---	Non Engraved
16	ANPR Foundation Mandibahaudin	23	4	2025	6x6x6	---	8.4	36	60	3733	---	Non Engraved
17	ANPR Foundation Mandibahaudin	25	5	2025	6x6x6	---	8.8	36	62	3858	---	Non Engraved
18	ANPR Foundation Mandibahaudin	28	5	2025	6x6x6	---	8	36	58	3609	---	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 compressive 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**