

To: Mr. Sumair Baloch

CW Manager, Ammar Engineering Solutions (Pvt.) Ltd.

Project: Tawal Project Site ID: NRO25 NORTH 723 (Tower Columns + ODU+ DG pad)

Our Ref. No. CL/C	ED/ 8002	Dated:	17/04/2025	Test Specification
Your Ref. No.	Ammar Engg. Solutions (Pvt.) Ltd./cube/Tawal/02	Dated:	31/03/2025	( BS 1881-116 )

### **COMPRESSION TEST REPORT**

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

Specime	ens received on:	15	5/04/2	2025	Tested on:	17/04	4/2025	in dry/wet	condition			
Sr. No.	Mark*	Cas DD	-	Date* YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate Ioad (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	(1:1.5:3)	24	3	2025	6x6x6		8.4	36	36	2240		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 comprensive 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.

	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.
		9233 Dr. Umbreen
To:	Sub Divisional Officer Public Health Engg: Sub Division Khushab (M/S Abdullah Enterprises)	
	Project: Construction of Pump Well, Filter Bed & Clear Water Tank. Provision of Sweet Water at Wildlife Park Jauharabad District Khushab	

Our Ref. No. CL/	CED/ 8003	Dated:	17/04/2025	Test Specification
Your Ref. No.	No.177/KHB	Dated:	25/03/2025	(BS 1881-116)

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

Specime	ens received on:	09	)/04/2	2025	Tested on:	17/04	1/2025	in dry/wet	t condition			
Sr. No.	Mark*		ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate Ioad	Ultimate Stress	Water Absorpti on (%)	Remarks
1	(1:2:4)	12	3	2025	(in) 6x6x6	(r.g/ gms) 	(Kg/ gms) 9	(Sq. III) 36	(Imp.Tons) 106	(psi) 6596		Non Engraved
2	(1:2:4)	12	3	2025	6x6x6		9.2	36	107	6658		Non Engraved
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15												
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Witness	ed 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

 $\underline{\textbf{Note:}}$  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.



Public Health Engg: Sub Division Khushab (M/S Abdulla	ah Enterprises)		
Project: Construction of SedimentationTank. Provision Khushab	of Sweet Water at Wildlife Par	k Jauharabad Distri	ict
Our Ref. No. CL/CED/ 8004	Dated:	17/04/2025	Test Specification
Your Ref. No. No.149/KHB	Dated:	10/03/2025	( BS 1881-116 )

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

ens received on:	09	9/04/2	2025	Tested on:	17/04	1/2025	in dry/wet	condition			
Mark*	Cas DD	-		Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)			Stress	Water Absorpti on (%)	Remarks
(1:2:4)	24	2	2025	6x6x6		9	36	132	8213		Non Engraved
(1:2:4)	24	2	2025	6x6x6		9	36	114	7093		Non Engraved
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	Mark* (1:2:4) (1:2:4)	Mark*         Cas           DD           (1:2:4)         24           (1:2:4)         24	Mark*         Casting           DD         MM           (1:2:4)         24         2           (1:2:4)         24         2           (1:2:4)         24         2           (1:2:4)         24         2           (1:2:4)         24         2           (1:2:4)         24         2           (1:2:4)         24         2           (1:2:4)         24         2           (1:2:4)         24         2           (1:2:4)         24         2           (1:2:4)         24         2           (1:2:4)         24         2           (1:2:4)         24         2           (1:2:4)         24         2           (1:2:4)         24         2           (1:2:4)         24         2           (1:2:4)         24         2           (1:2:4)         1         1           (1:2:4)         1         1           (1:2:4)         1         1           (1:2:4)         1         1           (1:2:4)         1         1           (1:2:4)         1 <td< td=""><td>Mark*         Casting Date*           DD         MM YYYY           (1:2:4)         24         2         2025           (1:2:4)         24         2         2025           (1:2:4)         24         2         2025   <!--</td--><td>Mark*         Casting Date*         Size           DD         MM<yyyy< td="">         (in)           (1:2:4)         24         2         2025         6x6x6   </yyyy<></td><td>Mark*         Casting Date*         Size         Wet Weight           DD         MM YYYY         (in)         (Kg/gms)           (1:2:4)         24         2         2025         6x6x6            (1:2:4)         24         2         2025         6x6x6            (1:2:4)         24         2         2025         6x6x6  </td><td>Mark*         Casting Date*         Size         Wet Weight         Dry Weight           DD         MM YYYY         (in)         (Kg/ gms)         (Kg/ gms)           (1:2:4)         24         2         2025         <math>6x6x6</math>          9           (1:2:4)         24         2         2025         <math>6x6x6</math>          9           (1:2:4)         24         2         2025         <math>6x6x6</math>          9               9          9               9          9               9                  9                  9                             <!--</td--><td>Mark*         <math>Casting Date*</math>         Size         Wet Weight Weight Weight (Kg/gms)         Area of X-Section (Sq. in)           (1:2:4)         24         2         2025         <math>6x6x6</math>          9         36               9         36          9         36               9         36          9         36  -</td><td>Mark*         Casting Date*         Size         Wet Weight (Kg/ gms)         Dry Weight (Kg/ gms)         Area of (Sq. in)         Ultimate load           (1:2:4)         24         2         2025         6x6x6          9         36         132           (1:2:4)         24         2         2025         6x6x6          9         36         114             9         36         114           9         36         114              9         36         114  </td><td>Mark*         Casting Date*         Size         Wet Weight (Kg/gms)         Dry Weight (Kg/gms)         Area of X-Section load         Ultimate Stress (psi)           (1:2:4)         24         2         2025         <math>6x6x6</math>          9         36         1122         8213           (1:2:4)         24         2         2025         <math>6x6x6</math>          9         36         114         7093             9         36         114         7093           9         36         114         7093             9         36         114         7093           9         36         114         7093             9         36         114         7093           9                                 </td><td>Mark*         <math>Casting Date*</math>         Size         Wet Weight (Kg/ gms)         Dry Weight (Kg/ gms)         Area of (Sq. in)         Ultimate Istress (Date*)         Water Absorption (%)           (1:2:4)         24         2         2025         6x6x6          9         36         132         8213            (1:2:4)         24         2         2025         6x6x6          9         36         114         7093            (1:2:4)         24         2         2025         6x6x6          9         36         114         7093   </td></td></td></td<>	Mark*         Casting Date*           DD         MM YYYY           (1:2:4)         24         2         2025           (1:2:4)         24         2         2025           (1:2:4)         24         2         2025 </td <td>Mark*         Casting Date*         Size           DD         MM<yyyy< td="">         (in)           (1:2:4)         24         2         2025         6x6x6   </yyyy<></td> <td>Mark*         Casting Date*         Size         Wet Weight           DD         MM YYYY         (in)         (Kg/gms)           (1:2:4)         24         2         2025         6x6x6            (1:2:4)         24         2         2025         6x6x6            (1:2:4)         24         2         2025         6x6x6  </td> <td>Mark*         Casting Date*         Size         Wet Weight         Dry Weight           DD         MM YYYY         (in)         (Kg/ gms)         (Kg/ gms)           (1:2:4)         24         2         2025         <math>6x6x6</math>          9           (1:2:4)         24         2         2025         <math>6x6x6</math>          9           (1:2:4)         24         2         2025         <math>6x6x6</math>          9               9          9               9          9               9                  9                  9                             <!--</td--><td>Mark*         <math>Casting Date*</math>         Size         Wet Weight Weight Weight (Kg/gms)         Area of X-Section (Sq. in)           (1:2:4)         24         2         2025         <math>6x6x6</math>          9         36               9         36          9         36               9         36          9         36  -</td><td>Mark*         Casting Date*         Size         Wet Weight (Kg/ gms)         Dry Weight (Kg/ gms)         Area of (Sq. in)         Ultimate load           (1:2:4)         24         2         2025         6x6x6          9         36         132           (1:2:4)         24         2         2025         6x6x6          9         36         114             9         36         114           9         36         114              9         36         114  </td><td>Mark*         Casting Date*         Size         Wet Weight (Kg/gms)         Dry Weight (Kg/gms)         Area of X-Section load         Ultimate Stress (psi)           (1:2:4)         24         2         2025         <math>6x6x6</math>          9         36         1122         8213           (1:2:4)         24         2         2025         <math>6x6x6</math>          9         36         114         7093             9         36         114         7093           9         36         114         7093             9         36         114         7093           9         36         114         7093             9         36         114         7093           9                                 </td><td>Mark*         <math>Casting Date*</math>         Size         Wet Weight (Kg/ gms)         Dry Weight (Kg/ gms)         Area of (Sq. in)         Ultimate Istress (Date*)         Water Absorption (%)           (1:2:4)         24         2         2025         6x6x6          9         36         132         8213            (1:2:4)         24         2         2025         6x6x6          9         36         114         7093            (1:2:4)         24         2         2025         6x6x6          9         36         114         7093   </td></td>	Mark*         Casting Date*         Size           DD         MM <yyyy< td="">         (in)           (1:2:4)         24         2         2025         6x6x6   </yyyy<>	Mark*         Casting Date*         Size         Wet Weight           DD         MM YYYY         (in)         (Kg/gms)           (1:2:4)         24         2         2025         6x6x6            (1:2:4)         24         2         2025         6x6x6            (1:2:4)         24         2         2025         6x6x6	Mark*         Casting Date*         Size         Wet Weight         Dry Weight           DD         MM YYYY         (in)         (Kg/ gms)         (Kg/ gms)           (1:2:4)         24         2         2025 $6x6x6$ 9           (1:2:4)         24         2         2025 $6x6x6$ 9           (1:2:4)         24         2         2025 $6x6x6$ 9               9          9               9          9               9                  9                  9 </td <td>Mark*         <math>Casting Date*</math>         Size         Wet Weight Weight Weight (Kg/gms)         Area of X-Section (Sq. in)           (1:2:4)         24         2         2025         <math>6x6x6</math>          9         36               9         36          9         36               9         36          9         36  -</td> <td>Mark*         Casting Date*         Size         Wet Weight (Kg/ gms)         Dry Weight (Kg/ gms)         Area of (Sq. in)         Ultimate load           (1:2:4)         24         2         2025         6x6x6          9         36         132           (1:2:4)         24         2         2025         6x6x6          9         36         114             9         36         114           9         36         114              9         36         114  </td> <td>Mark*         Casting Date*         Size         Wet Weight (Kg/gms)         Dry Weight (Kg/gms)         Area of X-Section load         Ultimate Stress (psi)           (1:2:4)         24         2         2025         <math>6x6x6</math>          9         36         1122         8213           (1:2:4)         24         2         2025         <math>6x6x6</math>          9         36         114         7093             9         36         114         7093           9         36         114         7093             9         36         114         7093           9         36         114         7093             9         36         114         7093           9                                 </td> <td>Mark*         <math>Casting Date*</math>         Size         Wet Weight (Kg/ gms)         Dry Weight (Kg/ gms)         Area of (Sq. in)         Ultimate Istress (Date*)         Water Absorption (%)           (1:2:4)         24         2         2025         6x6x6          9         36         132         8213            (1:2:4)         24         2         2025         6x6x6          9         36         114         7093            (1:2:4)         24         2         2025         6x6x6          9         36         114         7093   </td>	Mark* $Casting Date*$ Size         Wet Weight Weight Weight (Kg/gms)         Area of X-Section (Sq. in)           (1:2:4)         24         2         2025 $6x6x6$ 9         36               9         36          9         36               9         36          9         36  -	Mark*         Casting Date*         Size         Wet Weight (Kg/ gms)         Dry Weight (Kg/ gms)         Area of (Sq. in)         Ultimate load           (1:2:4)         24         2         2025         6x6x6          9         36         132           (1:2:4)         24         2         2025         6x6x6          9         36         114             9         36         114           9         36         114              9         36         114	Mark*         Casting Date*         Size         Wet Weight (Kg/gms)         Dry Weight (Kg/gms)         Area of X-Section load         Ultimate Stress (psi)           (1:2:4)         24         2         2025 $6x6x6$ 9         36         1122         8213           (1:2:4)         24         2         2025 $6x6x6$ 9         36         114         7093             9         36         114         7093           9         36         114         7093             9         36         114         7093           9         36         114         7093             9         36         114         7093           9	Mark* $Casting Date*$ Size         Wet Weight (Kg/ gms)         Dry Weight (Kg/ gms)         Area of (Sq. in)         Ultimate Istress (Date*)         Water Absorption (%)           (1:2:4)         24         2         2025         6x6x6          9         36         132         8213            (1:2:4)         24         2         2025         6x6x6          9         36         114         7093            (1:2:4)         24         2         2025         6x6x6          9         36         114         7093

#### 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.



Fac	ilities at Gurdwa	ara Janamasthan, Nankana Sahib.			
Our	Ref. No. CL/CE	D/ 8005	Dated:	17/04/2025	Test Specification
You	ır Ref. No.	RE/NKB/RCC-50	Dated:	26/03/2025	( BS 1881-116 )

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

Specime	ens received on:	09	9/04/2	2025	Tested on:	17/04	1/2025	in dry/wet	condition			ONLINE REPORT
Sr. No.	Mark*	Cas	-	Date* 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 Absorpti on (%)	Remarks
1	Col. 6th Floor (1:1:2)	1	3	2025	6x6x6		8.4	36	118	7342		Engraved
2	Col. 6th Floor (1:1:2)	1	3	2025	6x6x6		8.6	36	106	6596		Engraved
3	Col. 6th Floor (1:1:2)	1	3	2025	6x6x6		8.8	36	112	6969		Engraved
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#### Vitnessed 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

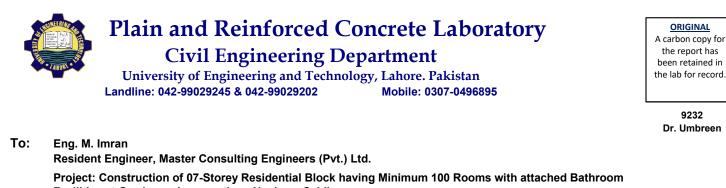
3. \*\*\* BS5328 requires mean of two cube sample strength at 28 days as characteristic strength

4. \*\*\*\* ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as comprensive 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.



Facilities at Gurd	wara Janamasthan, Nankana Sahib.			
Our Ref. No. CL/C	ED/ 8006	Dated:	17/04/2025	Test Specification
Your Ref. No.	RE/NKB/RCC-51	Dated:	26/03/2025	( BS 1881-116 )

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

Specim	ens received on:	09	/04/2	2025	Tested on:	17/04	1/2025	in dry/wet	condition			
Sr. No.	Mark*	Cas DD	-	Date* YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)		Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	Lift/Shear Walls 6th Floor (1:1.5:3)	2	3	2025	6x6x6		8.6	36	108	6720		Engraved
2	Lift/Shear Walls 6th Floor (1:1.5:3)	2	3	2025	6x6x6		8.6	36	110	6844		Engraved
3	Lift/Shear Walls 6th Floor (1:1.5:3)	2	3	2025	6x6x6		8.4	36	106	6596		Engraved
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Witness	ed by: Nil											

#### 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.



•	vara Janamasthan, Nankana Sahib.			
Our Ref. No. CL/C	ED/ 8007	Dated:	17/04/2025	Test Specification
Your Ref. No.	RE/NKB/RCC-52	Dated:	07/04/2025	(BS 1881-116)

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

Specime	ens received on:	09	0/04/2	2025	Tested on:	17/04	1/2025	in dry/wet	condition			
Sr. No.	Mark*	Cas DD	-	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
1	Arches 6th Floor (1:1.5:3)	12	3	2025	6x6x6		8.8	36	122	7591		Engraved
2	Arches 6th Floor (1:1.5:3)	12	3	2025	6x6x6		8.8	36	114	7093		Engraved
3	Arches 6th Floor (1:1.5:3)	12	3	2025	6x6x6		8.8	36	114	7093		Engraved
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#### Vitnessed 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 comprensive 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.



To:	Mr. Muhammad Sajjao
	Project Incharge

Project: Construction of House No.6, C Block, Model Town Lahore.

Our Ref. No. CL/CED/ 8008	Dated:	17/04/2025	Test Specification
Your Ref. No. Nil	Dated:	Nil	(ASTM C39)

### **COMPRESSION TEST REPORT**

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

Specim	ens received on:	08	8/04/2	2025	Tested on:	17/04	l/2025	in dry/wet condition				
Sr. No.	Mark*	Cas DD	-	Date*	Size (in)	Wet Weight (Ka/ ams)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)		Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	6th Floor Slab (3000 Psi)	23	3	2025	6Diax12		13.6	28.28	56	4436		Non Engraved
2	6th Floor Slab (3000 Psi)	23	3	2025	6Diax12		13.8	28.28	62	4911		Non Engraved
3	6th Floor Slab (3000 Psi)	23	3	2025	6Diax12		13.8	28.28	44	3485		Non Engraved
4	6th Floor Slab (3000 Psi)	28	3	2025	6Diax12		13.2	28.28	46	3644		Non Engraved
5	6th Floor Slab (3000 Psi)	28	3	2025	6Diax12	GINE	13.6	28.28	50	3960		Non Engraved
6	6th Floor Slab (3000 Psi)	28	3	2025	6Diax12	READ IN	13.4	28.28	44	3485		Non Engraved
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Witness	sed by: Nil											

#### Vitnessed 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 comprensive 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.



Project: Construction of LGS Central Park Campus, Lahore.

Our Ref. No. CL/CED/ 8009	Dated:	17/04/2025	Test Specification
Your Ref. No. Nil	Dated:	Nil	(ASTM C39)

### **COMPRESSION TEST REPORT**

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

Specime	ens received on:	1	5/04/2	2025	Tested on:	17/04	l/2025	in dry/we	t condition			
Sr. No.	Mark*	Cas DD	-	Date* YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate Ioad (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1		7	3	2025	6Diax12		13	28.28	54	4277		Engraved
2		7	3	2025	6Diax12		12.8	28.28	59	4673		Engraved
3		22	3	2025	6Diax12		13	28.28	56	4436		Non Engraved
4		22	3	2025	6Diax12		13	28.28	52	4119		Non Engraved
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Vitness	ed 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 comprensive 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.



 Our Ref. No. CL/CED/
 8010
 Dated:
 17/04/2025
 Test Specification

 Your Ref. No.
 Nil
 Dated:
 08/04/2025
 (ASTM C39)

### **COMPRESSION TEST REPORT**

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

Specim	ens received on:	09	9/04/2	2025	Tested on:	17/04	4/2025	in dry/wet	condition			
Sr. No.	Mark*	Cas DD	-	Date* YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)		Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	3000 Psi	28	3	2025	6Diax12		13.4	28.28	34	2693		Non Engraved
2	3000 Psi	28	3	2025	6Diax12		13	28.28	10	792		Non Engraved
3	3000 Psi	28	3	2025	6Diax12		13	28.28	11	871		Non Engraved
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Witness	ed by: Nil										•	

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.



**Resident Engineer, GIM Developers** 

Project: Construction of Plaza at 51 Baber Block, New Garden Town Lahore.

Our Ref. No. CL/CED/ 8011	Dated:	17/04/2025	Test Specification
Your Ref. No. Nil	Dated:	Nil	(ASTM C39)

### **COMPRESSION TEST REPORT**

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

Specime	ens received on:	09	9/04/2	2025	Tested on:	17/04	1/2025	in dry/wet	condition			
Sr. No.	Mark*	Cas DD	-	Date* 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 Absorpti on (%)	Remarks
1	3000 Psi	21	3	2025	6Diax12		13	28.28	24	1901		Engraved
2	3000 Psi	21	3	2025	6Diax12		12.8	28.28	20	1584		Engraved
3	3000 Psi	21	3	2025	6Diax12		13.2	28.28	24	1901		Engraved
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#### Vitnessed 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 comprensive 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.



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

> 9206 Dr. Umbreen

Mr. Abid Azim Resident Engine	eer, NESPAK, Ravi Zone. Highways and Tra	ansportation Engineerir	ıg Division.	
	itation / Improvement of Street Pavement, CL (M/S Mian Javaid & Co.)	Sewerage / Drainage U	C 32,33,33,34,35,36,37	7,38,&
Our Ref. No. CL	/CED/ 8012	Dated:	17/04/2025	Test Specification
Your Ref. No.	4084/103/LDP/Ravi/04/323	Dated:	24/03/2025	( BS 3921** )

## **COMPRESSION TEST REPORT**



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

Specim	ens received on:	27	/03/2	2025	Tested on:	17/04	4/2025	in dry/we	t condition			
Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate Ioad	Ultimate Stress	Absorpti	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	11				8.8 x 4.2 x 2.9	3700	3330	36.96	33	2000	11.11	
2	11				8.8 x 4.2 x 3	3730	3340	36.96	36	2182	11.68	
3	11				8.9 x 4.2 x 2.9	3700	3325	37.38	35	2097	11.28	
4	11				8.8 x 4.3 x 3	3630	3240	37.84	31	1835	12.04	
5	11				8.8 x 4.3 x 2.9	3610	3280	37.84	34	2013	10.06	
6	11				8.8 x 4.3 x 3	3690	3320	37.84	32	1894	11.14	
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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 comprensive 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.

	Plain and Reinforced Civil Engineering University of Engineering and Tech Landline: 042-99029245 & 042-99029202	Department	5	ORIGINAL A carbon copy for the report has been retained in the lab for record.
				9226 Dr. Umbreen
	sub Divisional Officer Buildings Sub Division, Sambrial.			
N	Project: Admin Block, Correctional Facilities Revan Io.2661 for the year 2024-25 Dur Ref. No. CL/CED/ 8013	nping Programe one at District Dated:	t Jail Sialkot (NRP) AD 17/04/2025	P Test Specification

Your Ref. No. 116/SMBL

### **COMPRESSION TEST REPORT**

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

Specimens received on:		08	8/04/2	2025	Tested on:	17/04	4/2025	in dry/wet	condition		r. E	
Sr. No.	Mark*	Cas DD	-	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
1	Machine Made Double Line				8.6 x 4.2 x 2.8	2985	2460	36.12	29	1798	21.34	
2	Machine Made Double Line				8.8 x 4.2 x 2.8	3190	2620	36.96	35	2121	21.76	
3	Machine Made Double Line				8.7 x 4.1 x 2.8	2860	2385	35.67	34	2135	19.92	
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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

 $\underline{\textbf{Note:}}$  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.

### **Director/Dy. Director Concrete Laboratory**

14/03/2025

Dated:

(----)



# 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.

> 9166 Dr. Umbreen

To: Engr. Faizan Hussain

Assistant Engineer, B&W Department, UET Lahore.

Project: Rehabiliation of H-Type Residencies AB Colony in UET Lahore.

Our Ref. No. CL/CED/ 8014	Dated:	17/04/2025	Test Specification
Your Ref. No. B&W/AEN/2215	Dated:	03/03/2025	( BS 3921** )

## **COMPRESSION TEST REPORT**



Specime	24	24/03/2025 Teste		Tested on:	17/04/2025		in dry/wet condition					
Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate Ioad	Ultimate Stress	Absorpti	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	F-16				8.7 x 4.3 x 3	3685	3355	37.41			9.84	
2	F-16				9 x 4.4 x 3	3955	3405	39.6			16.15	
3	F-16				8.8 x 4.2 x 3.1	3740	3430	36.96			9.04	
4	F-16				9 x 4.4 x 3.1	4090	3540	39.6			15.54	
5	F-16				8.8 x 4.3 x 3	3645	3370	37.84			8.16	
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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)

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 comprensive 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.



# Plain and Reinforced Concrete Laboratory

**Civil Engineering Department** 

University of Engineering and Technology, Lahore. Pakistan Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895 <u>ORIGINAL</u> A carbon copy for the report has been retained in the lab for record.

> 9166 Dr. Umbreen

### To: Engr. Faizan Hussain

Assistant Engineer, B&W Department, UET Lahore.

Project: Rehabiliation of H-Type Residencies AB Colony in UET Lahore.

Our Ref. No. CL/CED/ 8015	Dated:	17/04/2025	Test Specification
Your Ref. No. B&W/AEN/2214	Dated:	03/03/2025	( BS 3921** )

### **COMPRESSION TEST REPORT**



Specimens received on: 24/03/2025 Tested on: 17/04/2025 in dry/wet conditi					t condition											
Sr. No.	Mark*	Cas	sting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Absorpti	Remarks				
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)					
1	F-16				8.8 x 4.3 x 3		3380	37.84	41	2427						
2	F-16				9 x 4.4 x 3		3475	39.6	40	2263						
3	F-16				8.9 x 4.3 x 3		3505	38.27	40	2341						
4	F-16				8.8 x 4.4 x 3		3450	38.72	39	2256						
5	F-16				9 x 4.4 x 3.1	GINE	3540	39.6	30	1697						
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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.



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

> 9162 Dr. Umbreen

#### To: Mr. Muhammad Tufail

**Construction Team Leader, Lahore Office** 

Project: Construction of Middle School Chak No. 74 Waheedabad Khanewal.

Our Ref. No. CL/CED/ 8016	Dated:	17/04/2025	Test Specification
Your Ref. No. 230.48.1/MT/2	Dated:	21/03/2025	( )

### **COMPRESSION TEST REPORT**

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

Specim	ens received on:	21	/03/2	2025	Tested on:	17/04	4/2025	in dry/wet	t condition			
Sr. No.	Mark*	Cas DD	-	Date* 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 Absorpti on (%)	Remarks
1	11				8.8 x 4.3 x 2.9		2880	37.84	28	1658		Used Brick
2	11				8.9 x 4.3 x 2.9		2695	38.27	22	1288		Used Brick
3	11				8.8 x 4.2 x 2.9		2980	36.96	18	1091		Used Brick
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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 comprensive 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.



To: Mr. Bilal Safdar Hussain Manager Projects, REDO Engineering & Construction (Pvt) Limited.

Project: Infrastructure Works at DIC Plant, Kasur.

Our Ref. No. CL/CED/ 8017	Dated:	17/04/2025	Test Specification
Your Ref. No. QC/TST/2375-004	Dated:	18/03/2025	( BS 3921** )

### **COMPRESSION TEST REPORT**



9137

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

Specim	ens received on:	18	3/03/2	2025	Tested on:	17/04	4/2025	in dry/we	t condition			
Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section		Ultimate Stress	Absorpti	Remarks
		DD	MM	ΥΥΥΥ	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	PC				8.8 x 4.3 x 2.9	3595	3200	37.84	42	2486	12.34	
2	PC				8.9 x 4.4 x 3	3690	3290	39.16	32	1830	12.16	
3	PC				8.8 x 4.3 x 2.8	3535	3120	37.84	31	1835	13.3	
4	PC				8.8 x 4.3 x 3	3720	3315	37.84	36	2131	12.22	
5	PC				8.8 x 4.3 x 2.8	3475	3155	37.84	35	2072	10.14	
6	PC				8.7 x 4.3 x 2.9	3625	3245	37.41	36	2156	11.71	
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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 comprensive 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.

	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.
		9226 Dr. Umbreen
To:	Sub Divisional Officer Buildings Sub Division, Sambrial.	
	Project: Modern Hospital, Correctional Facilities Revamping Programe one at District Jail Sialkot (NRP) ADP No.2661 for the year 2024-25	

Dated:

Dated:

17/04/2025

27/02/2025

Test Specification

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# **COMPRESSION TEST REPORT**

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

Our Ref. No. CL/CED/ 8018

89/SMBL

Your Ref. No.

Specim	ens received on:	08	3/04/2	2025	Tested on:	17/04	4/2025	in dry/wet	condition			
Sr. No.	Mark*	Cas DD	-	Date*	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)		Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	Machine Made Double Line				8.7 x 4.1 x 2.8		2545	35.67	32	2010		
2	Machine Made Double Line				8.7 x 4 x 2.8		2450	34.8	33	2124		
3	Machine Made Double Line				8.7 x 4.1 x 2.7		2484	35.67	30	1884		
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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

 $\underline{\textbf{Note:}}$  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.

	Civil I	Engineering De gineering and Technol	oncrete Labor epartment logy, Lahore. Pakistan Mobile: 0307-049689	5	ORIGINAL A carbon copy for the report has been retained in the lab for record.
					9226 Dr. Umbreen
	ub Divisional Officer suildings Sub Division, Sambri	al.			
N	roject: Admin Block, Correctio lo.2661 for the year 2024-25 Dur Ref. No. CL/CED/ 8019	onal Facilities Revampin	g Programe one at District Dated:	Jail Sialkot (NRP) ADI 17/04/2025	P <u>Test Specification</u>

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

26/SMBL

Specimens received on:		08/04/2025 Tested on:				17/04/2025 in dry			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
1	Machine Made Double Line				8.6 x 4.2 x 2.8		2530	36.12	31	1922		
2	Machine Made Double Line				8.8 x 4.2 x 2.8		2750	36.96	35	2121		
3	Machine Made Double Line				8.6 x 4.2 x 2.7		2540	36.12	34	2109		
4												
5						EINE	RIATE					
6						READ IN						
7						DEE NAME	المرغي ا	10				
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Results can also be seen on website https://civil.uet.edu.pk/concrete-laboratory-reports1/

1. \* as engraved on the specimens (if any)

Your Ref. No.

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

 $\underline{\textbf{Note:}}$  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.

### **Director/Dy. Director Concrete Laboratory**

20/01/2025

Dated:

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