



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.

5349
 Dr. Qasim

To: Mr. Muhammad Asif
 Buttras Pvt Sundar State

Project: Nil

Our Ref. No. CL/CED/ 2101

Dated: 07-06-23

Test Specification

Your Ref. No. CBT/UET/01

Dated: 07-06-23

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 7/6/2023 **Tested on:** 07-06-23 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	Slab (5000 Psi)	9	4	2023	6x6x6	---	8.4	36	83	5164	---	Non Engraved
2	Slab (5000 Psi)	9	4	2023	6x6x6	---	8.2	36	81	5040	---	Non Engraved
3	Slab (5000 Psi)	9	4	2023	6x6x6	---	8.6	36	70	4356	---	Non Engraved
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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.

5341
 Dr. M. Mazhar

To: H.M. Ahsan Saif
 Resident Engineer, The Engineer Representative (VELOSI) AIOU, Sahiwal

Project: Construction of AIOU Regional Campus Sahiwal. (Contractor: M/s RAILCOP)

Our Ref. No. CL/CED/ 2102

Dated: 07-06-23

Test Specification

Your Ref. No. VISP/135/AIOU/SWL/013

Dated: 30/5/2023

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 5/6/2023 **Tested on:** 07-06-23 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	1st Floor Column (5000 Psi)	24	5	2023	6x6x6	---	8.2	36	63	3920	---	Non Engraved
2	1st Floor Column (5000 Psi)	24	5	2023	6x6x6	---	8	36	25	1556	---	Non Engraved
3	1st Floor Column (5000 Psi)	24	5	2023	6x6x6	---	8	36	29	1804	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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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

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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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ORIGINAL
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5343
 Dr. M. Mazhar

To: Mr. Muhammad Awais Khan
 FM (Works Div), SUPARCO Office Works Division

Project: Construction of Staff Hostel PAKSAT MM-1 at SCF-L Kala Shah Kaku Lahore.

Our Ref. No. CL/CED/ 2103

Dated: 07-06-23

Test Specification

Your Ref. No. 63301(04) Works/Div/SRDCL

Dated: 19/4/2023

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 6/6/2023 **Tested on:** 07-06-23 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	1st Floor RCC Column (4000 Psi)	14	4	2023	6Diax12	---	13.2	28.28	59	4673	---	Non Engraved
2	1st Floor RCC Column (4000 Psi)	14	4	2023	6Diax12	---	13.2	28.28	69	5465	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

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

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Director/Dy. Director Concrete Laboratory



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5343
 Dr. M. Mazhar

To: Mr. Muhammad Awais Khan
 FM (Works Div), SUPARCO Office Works Division

Project: Construction of Staff Hostel PAKSAT MM-1 at SCF-L Kala Shah Kaku Lahore.

Our Ref. No. CL/CED/ 2104

Dated: 07-06-23

Test Specification

Your Ref. No. 63301(04) Works/Div/SRDCL

Dated: 10-05-23

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 6/6/2023 **Tested on:** 07-06-23 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	1st Floor RCC Column (4000 Psi)	14	4	2023	6Diax12	---	13.2	28.28	69	5465	---	Non Engraved
2	1st Floor RCC Column (4000 Psi)	14	4	2023	6Diax12	---	13.2	28.28	55	4356	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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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
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Director/Dy. Director Concrete Laboratory



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ORIGINAL
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5323
 Dr. M. Mazhar

To: Mr. Ayyan Zakir
 CEO, Chand Group Pvt Ltd

Project: Construction of Toilet Block at PGC-OKARA Campus

Our Ref. No. CL/CED/ 2105

Dated: 07-06-23

Test Specification

Your Ref. No. Nil

Dated: 01-06-23

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 1/6/2023 **Tested on:** 07-06-23 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	Ground Floor Slab (3000 Psi)	12	5	2023	6Diax12	---	12.8	28.28	61	4832	---	Engraved
2	Ground Floor Slab (3000 Psi)	12	5	2023	6Diax12	---	13	28.28	65	5149	---	Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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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
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Director/Dy. Director Concrete Laboratory



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ORIGINAL
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5323
 Dr. M. Mazhar

To: Mr. Ayyan Zakir
 CEO, Chand Group Pvt Ltd

Project: Construction of Toilet Block at PGC-OKARA Campus

Our Ref. No. CL/CED/ 2106

Dated: 07-06-23

Test Specification

Your Ref. No. Nil

Dated: 01-06-23

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: **1/6/2023** Tested on: **07-06-23** 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	Ground Floor Slab (3000 Psi)	19	5	2023	6Diax12	---	13.4	28.28	45	3564	---	Engraved
2	Ground Floor Slab (3000 Psi)	19	5	2023	6Diax12	---	13.2	28.28	41	3248	---	Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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Civil Engineering Department
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 Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

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

5328
 Dr. M. Mazhar

To: M. Saleem Construction Company Engineers & Contractors
 Lahore Road, Sheikhpura.

Project: Construction of Roof Slab Beam , B-1 Line A-3 Grid 1 to 7

Our Ref. No. CL/CED/ 2107

Dated: 07-06-23

Test Specification

Your Ref. No. Cylinder Test

Dated: 02-06-23

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 1/6/2023 **Tested on:** 07-06-23 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	(1:1.87:3.36)	24	5	2023	6Diax12	---	13.4	28.28	61	4832	---	Engraved
2	(1:1.87:3.36)	24	5	2023	6Diax12	---	13.6	28.28	63	4990	---	Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

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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.

5328
 Dr. M. Mazhar

To: M. Saleem Construction Company Engineers & Contractors
 Lahore Road, Sheikhpura.

Project: Construction of Column Line A-3 Grid-1

Our Ref. No. CL/CED/ 2108

Dated: 07-06-23

Test Specification

Your Ref. No. Cylinder Test

Dated: 02-06-23

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 1/6/2023 **Tested on:** 07-06-23 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	(1:1.48:2.60)	25	5	2023	6Diax12	---	13.2	28.28	43	3406	---	Engraved
2	(1:1.48:2.60)	25	5	2023	6Diax12	---	13	28.28	67	5307	---	Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

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- * 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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- 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.

5320
 Dr. M. Mazhar

To: Mr. Tahir Khalil Ahsan
 General Manager (Projects), Development Consultancy Services (Pvt) Ltd

Project: Construction of University of Sahiwal, District Sahiwal.

Our Ref. No. CL/CED/ 2109

Dated: 07-06-23

Test Specification

Your Ref. No. DCS/GM/UOS/2023/0526/783

Dated: 26/5/2023

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 31/5/2023 **Tested on:** 07-06-23 **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	3000 Psi	18	5	2023	6Diax12	---	13	28.28	65	5149	---	Engraved
2	3000 Psi	18	5	2023	6Diax12	---	13	28.28	71	5624	---	Engraved
3	3000 Psi	18	5	2023	6Diax12	---	13	28.28	57	4515	---	Engraved
4	4000 Psi	19	5	2023	6Diax12	---	13	28.28	71	5624	---	Engraved
5	4000 Psi	19	5	2023	6Diax12	---	13	28.28	20	1584	---	Engraved
6	4000 Psi	19	5	2023	6Diax12	---	12.8	28.28	92	7287	---	Engraved
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
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"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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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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ORIGINAL
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5327
 Dr. M. Mazhar

To: Engr. Major Zia-ul-Islam (R)
 Project Director, GCC Lahore; Overseas Construction Company (Pvt) Ltd

Project: Construction of Gulberg City Centre (Ramp Grid 5-4/B-A.3)

Our Ref. No. CL/CED/ 2110

Dated: 07-06-23

Test Specification

Your Ref. No. OCC/CPD/27/182

Dated: 31/5/2023

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 2/6/2023 **Tested on:** 07-06-23 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	5000 Psi	27	5	2023	6Diax12	---	13.4	28.28	41	3248	---	Not Engraved
2	5000 Psi	27	5	2023	6Diax12	---	13.4	28.28	49	3881	---	Not Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
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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- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
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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)
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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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 Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

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

5298
 Dr. M.Mazhar

To: Mr. Muhammad Javed
 Resident Engineer, MASCON Associates (Pvt) Ltd and HA CONSULTING
 Project: Establishment of Revenue Academy Lahore, Group No. 1 (Main Building of Revenue Academy, Hostel Block, Staff Accommodation and Residencies etc.)
 Our Ref. No. CL/CED/ 2111
 Your Ref. No. HA-MAS/RE/RAC/04

Dated: 07-06-23 Test Specification
 Dated: 02-05-23 (----)

COMPRESSION TEST REPORT



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

Specimens received on: **29/5/2023** Tested on: **07-06-23** 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	110	---	---	---	9 x 4.4 x 3	3760	3307	39.6	39	2206	13.7	---	
2	110	---	---	---	8.9 x 4.4 x 3	3860	3400	39.16	39	2231	13.53	---	
3	110	---	---	---	8.8 x 4.3 x 2.9	3720	3380	37.84	43	2545	10.06	---	
4	F16	---	---	---	8.8 x 4.4 x 3	3610	3255	38.72	37	2140	10.91	---	
5	F16	---	---	---	8.8 x 4.3 x 3	3620	3345	37.84	47	2782	8.22	---	
6	F16	---	---	---	8.8 x 4.3 x 3	3640	3315	37.84	47	2782	9.8	---	
7	---	---	---	---	---	---	---	---	---	---	---	---	
8	---	---	---	---	---	---	---	---	---	---	---	---	
9	---	---	---	---	---	---	---	---	---	---	---	---	
10	---	---	---	---	---	---	---	---	---	---	---	---	
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16	---	---	---	---	---	---	---	---	---	---	---	---	

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

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- The test results are recommended to be interpreted in the light of above factors by the engineer.

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