



Plain and Reinforced Concrete Laboratory
Department of Civil Engineering
University of Engineering and Technology, Lahore
Phone Nos. 042-99029202, 042-99029217

8130
Dr. Aqsa

To: Muhammad Iqbal Sajid (Project Manager)
Lahore Motorway City
Project: Raft of Over Head Reservoir Block S-Home, Lahore Motorway City

Our Ref. No. CL/CED/ 7344 Dated: 25-02-19

Your Ref. No. R.I/LMC/02-19 Dated: 20-02-19

COMPRESSION TEST REPORT

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

Specimens received on: 20-02-19 Tested on: 22-02-19 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Weight (lbs./gms)	Area of X-Section (Sq. in)	Ultimate load (Tons/lbs)	Ultimate Stress (Psi)	Remarks
		/Wet Weight (gms)								
1	(1 : 2 : 4)	13	2	2019	6x6x6	8.2	36	51	3180	Engraved
2	(1 : 2 : 4)	13	2	2019	6x6x6	8.2	36	47	2930	Engraved
3	(1 : 2 : 4)	13	2	2019	6x6x6	8.4	36	58	3610	Engraved
End	---	---	---	---	---	---	---	---	---	---
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Results can also be seen on website http://www.uet.edu.pk/faculties/facultiesinfo/departments/testing_reports&id=6

* 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
Department of Civil Engineering
University of Engineering and Technology, Lahore
Phone Nos. 042-99029202, 042-99029217

8137

To: **Engr. Asif Jah (Executive Engineer Tamirat)**
Anjuman Himayat-I-Islam, 119 Multan Road Lahore
Project: Construction of Residential Building 86-D Gulberg III AHI, Lahore

Engr. Ubaid Ahmed

Our Ref. No. CL/CED/ 7345 Dated: 25-02-19

Your Ref. No. AHI/TM.694 Dated: 21-02-19

COMPRESSION TEST REPORT

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

Specimens received on: 22-02-19 Tested on: 25-02-19 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Weight (lbs./gms)	Area of X-Section (Sq. in)	Ultimate load (Tons/lbs)	Ultimate Stress (Psi)	Remarks
		/Wet Weight (gms)								
1		25	1	2019	6x6x6	8.2	36	110	6850	Non Engraved
2		25	1	2019	6x6x6	8.2	36	110	6850	Non Engraved
End	---	---	---	---	---	---	---	---	---	---
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supervisor(lab)

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Department of Civil Engineering
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Phone Nos. 042-99029202, 042-99029217

8073

Dr. M. Yousaf

To: Deputy Director (Tech)

Anti Corruption Establishment Faisalabad region, Faisalabad

Project: Complaint No.1560/2018 Regarding Waryam Road to Chak No.486/JB Jhang

Our Ref. No. CL/CED/ 7346 Dated: 25-02-19

Your Ref. No. DDT-ACE-FSD-2018/223 Dated: 15-01-19

COMPRESSION TEST REPORT

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

Specimens received on: 12-02-19 Tested on: 20-02-19 in dry/wet condition

Sr. No.	Mark*	Casting Date* /Wet Weight (gms)	Size (in)	Weight (lbs./gms)	Area of X-Section (Sq. in)	Ultimate load (Tons/lbs)	Ultimate Stress (Psi)	Remarks
1	OK		8.7x4.4x2.9	3220	38.28	24	1410	
2	OK		8.8x4.3x2.9	3256	37.84	20	1190	
3	OK		8.8x4.4x2.8	3241	38.72	23	1340	
4	OK		8.8x4.4x2.9	3196	38.72	23	1340	
5	OK		8.9x4.3x2.9	3188	38.27	23	1350	
6	OK		8.8x4.4x2.9	3266	38.72	23	1340	
End	---	---	---	---	---	---	---	---
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supervisor(lab)

Director/Dy. Director Concrete Laboratory



Plain and Reinforced Concrete Laboratory

Department of Civil Engineering

University of Engineering and Technology, Lahore

Phone Nos. 042-99029202, 042-99029217

8058

Dr. M. Yousaf

To: Sub Division Officer

Buildings Sub Division Narowal

Project: Provision of Missing Facilities (Boundary Wall) Govt Girls Elementary School Sangial Distt. Narowal & Reconstt. of Dangerous School Building at Govt Girls Primary School at Jaleel Pur Distt. Narowal

Our Ref. No. CL/CED/

7347

Dated:

25-02-19

Your Ref. No.

1614/NL

Dated:

29-12-18

COMPRESSION TEST REPORT

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

Specimens received on:

08-02-19

Tested on:

20-02-19

in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Weight (lbs./gms)	Area of X-Section (Sq. in)	Ultimate load (Tons/lbs)	Ultimate Stress (Psi)	Remarks
		Wet Weight (gms)								
1	6 6 6				8.5x4.2x2.9	2856	35.7	20	1260	
2	6 6 6				8.7x4.3x2.9	2902	37.41	28	1680	
3	6 6 6				8.6x4.2x2.8	2797	36.12	18	1120	
4	6 6 6				8.5x4.2x2.9	2841	35.7	23	1450	
5	6 6 6				8.6x4.2x2.8	2862	36.12	21	1310	
End	---	---	---	---	---	---	---	---	---	---
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Director/Dy. Director Concrete Laboratory



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Department of Civil Engineering

University of Engineering and Technology, Lahore

Phone Nos. 042-99029202, 042-99029217

8058

Dr. M. Yousaf

To: Sub Division Officer

Buildings Sub Division Narowal

Project: Restoration Work in Govt Boys High School Sankhtra Tehsil Distt. Narowal & Const. of 2 Nos. Additional Class Room at Govt. Boys Pimary School Dhamthal Distt. Narowal

Our Ref. No. CL/CED/

7348

Dated:

25-02-19

Your Ref. No.

1613/NL

Dated:

29-12-18

COMPRESSION TEST REPORT

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

Specimens received on:

08-02-19

Tested on:

20-02-19

in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Weight (lbs./gms)	Area of X-Section (Sq. in)	Ultimate load (Tons/lbs)	Ultimate Stress (Psi)	Remarks
		/Wet Weight (gms)								
1	6 6 6				8.5x4.3x2.9	2841	36.55	23	1410	
2	6 6 6				8.5x4.2x2.8	2864	35.7	22	1390	
3	6 6 6				8.6x4.3x2.8	2796	36.98	24	1460	
4	6 6 6				8.5x4.3x2.8	2856	36.55	15	920	
5	6 6 6				8.5x4.3x2.7	2820	36.55	13	800	
End	---	---	---	---	---	---	---	---	---	---
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Department of Civil Engineering

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Phone Nos. 042-99029202, 042-99029217

8067

Dr. M. Yousaf

To: Deputy Director (QCD)

WASA, LDA, Lahore / M/s. Mehran Builders

Project: No. P&S/250.1/6008-Addition & Alteration/Const. of Official Residence Occupied by Dy. Director (F&R) Opposite Shoukat Khanam Hospital Lahore

Our Ref. No. CL/CED/

7349

Dated:

25-02-19

Your Ref. No.

QCD/123-24

Dated:

09-02-19

COMPRESSION TEST REPORT

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

Specimens received

on:

11-02-19

Tested on:

20-02-19

in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Weight (lbs./gms)	Area of X-Section (Sq. in)	Ultimate load (Tons/lbs)	Ultimate Stress (Psi)	Remarks
		/Wet Weight (gms)								
1	6			3594	8.8x4.4x2.9	3261	38.72	33	1910	10.21
2	6			3600	8.8x4.3x3.0	3149	37.84	28	1660	14.32
3	6			3590	8.9x4.4x3.0	3196	39.16	33	1890	12.32
4	6			3577	8.9x4.3x2.9	3246	38.27	37	2170	10.19
5	6			3626	8.8x4.3x2.9	3219	37.84	35	2080	12.64
6	6			3514	8.8x4.3x2.9	3199	37.84	43	2550	9.84
End	---	---	---	---	---	---	---	---	---	---
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Department of Civil Engineering

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Phone Nos. 042-99029202, 042-99029217

8084

Dr. Aqsa

To: Kabir Ahmad (Site Engineer)

Ar-Razzak Construction Pvt. Ltd.

Project: Beacon Housing Society Disposal Station and Main Sewerage Line

Our Ref. No. CL/CED/

7350

Dated:

25-02-19

Your Ref. No.

Nil

Dated:

13-02-19

COMPRESSION TEST REPORT

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

Specimens received on:

13-02-19

Tested on:

21-02-19

in dry/wet condition

Sr. No.	Mark*	Casting Date* /Wet Weight (gms)	Size (in)	Weight (lbs./gms)	Area of X- Section (Sq. in)	Ultimate load (Tons/lbs)	Ultimate Stress (Psi)	Remarks
1	A 1 1 0		8.8x4.3x2.9	3052	37.84	39	2310	
2	A 1 1 0		8.9x4.4x2.8	3066	35.2	43	2740	
3	A 1 1 0		8.8x4.3x2.9	2997	37.84	43	2550	
4	A 1 1 0		8.9x4.3x2.9	2987	38.27	41	2400	
End	---	---	---	---	---	---	---	---
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supervisor(lab)

Director/Dy. Director Concrete Laboratory



Plain and Reinforced Concrete Laboratory
Department of Civil Engineering
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Phone Nos. 042-99029202, 042-99029217

8089

To: **Sub Divisional Officer**

Dr. M. Yousaf

Buildings Sub Division No.5, Lahore

Project: (Grp.No.3) Construction of 60-Bedded Hospital at Sabzazar Lahore (Provision of Filter Clinic, Cafeteria/Store)

Our Ref. No. CL/CED/

7351

Dated:

25-02-19

Your Ref. No.

25/5th

Dated:

23-01-19

COMPRESSION TEST REPORT

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

Specimens received on: 13-02-19 Tested on: 20-02-19 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Weight (lbs./gms)	Area of X- Section (Sq. in)	Ultimate load (Tons/lbs)	Ultimate Stress (Psi)	Remarks
		/Wet Weight (gms)								
1	S S S			3822	8.8x4.3x2.9	3414	37.84	37	2200	11.95
2	S S S			3824	8.9x4.4x2.9	3377	39.16	33	1890	13.23
3	S S S			3725	8.9x4.3x3.0	3392	38.27	38	2230	9.81
4	S S S			3709	8.9x4.4x2.9	3377	39.16	38	2180	9.83
5	S S S			3794	8.9x4.4x2.9	3364	39.16	31	1780	12.78
6	S S S			3876	8.9x4.4x2.9	3396	39.16	33	1890	14.13
End	---	---	---	---	---	---	---	---	---	---
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supervisor(lab)

Director/Dy. Director Concrete Laboratory



Plain and Reinforced Concrete Laboratory
Department of Civil Engineering
University of Engineering and Technology, Lahore
Phone Nos. 042-99029202, 042-99029217

8102

To: **M/s Christian Fellowship of Pakistan**
Gulberg III, Lahore
Project:

Engr. Ubaid Ahmed

Our Ref. No. CL/CED/ 7352 Dated: 25-02-19
Your Ref. No. Nil Dated: 15-02-19

COMPRESSION TEST REPORT

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

Specimens received on: 15-02-19 Tested on: 25-02-19 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Weight (lbs./gms)	Area of X-Section (Sq. in)	Ultimate load (Tons/lbs)	Ultimate Stress (Psi)	Remarks
		/Wet Weight (gms)								
1		26	1	2019	6x6x6	8.4	36	49	3050	Non Engraved
2		26	1	2019	6x6x6	8.5	36	65	4050	Non Engraved
End	---	---	---	---	---	---	---	---	---	---
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supervisor(lab)

Director/Dy. Director Concrete Laboratory



Plain and Reinforced Concrete Laboratory
Department of Civil Engineering
University of Engineering and Technology, Lahore
Phone Nos. 042-99029202, 042-99029217

8115
Engr. Ubaid
Ahmed

To: Bilal Ahmed (Project Manager)
National Technical Services, Karachi
Project: Raised of Boundary Wall at Machike Shell Terminal (Foundation's Footing & Column for Steel Structure)

Our Ref. No. CL/CED/ 7353 Dated: 25-02-19

Your Ref. No. Nil Dated: 18-02-19

COMPRESSION TEST REPORT

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

Specimens received on: 18-02-19 Tested on: 25-02-19 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Weight (lbs./gms)	Area of X- Section (Sq. in)	Ultimate load (Tons/lbs)	Ultimate Stress (Psi)	Remarks
		/Wet Weight (gms)								
1		2	2	2019	6x6x6	8.4	36	31	1930	Non Engraved
End	---	---	---	---	---	---	---	---	---	---
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supervisor(lab)

Director/Dy. Director Concrete Laboratory



Plain and Reinforced Concrete Laboratory

Department of Civil Engineering

University of Engineering and Technology, Lahore

Phone Nos. 042-99029202, 042-99029217

8115

To: **Bilal Ahmed (Project Manager)**

Engr.Ubaid Ahmed

National Technical Services, Karachi

Project: Raised of Boundary Wall at Machike Shell Terminal (Foundation's Footing & Column for Steel Structure)

Our Ref. No. CL/CED/

7354

Dated:

25-02-19

Your Ref. No.

Nil

Dated:

18-02-19

COMPRESSION TEST REPORT

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

Specimens received on:

18-02-19

Tested on:

25-02-19

in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Weight (lbs./gms)	Area of X- Section (Sq. in)	Ultimate load (Tons/lbs)	Ultimate Stress (Psi)	Remarks
		/Wet Weight (gms)								
1		28	1	2019	6x6x6	8.6	36	35	2180	Non Engraved
End	---	---	---	---	---	---	---	---	---	---
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Results can also be seen on website http://www.uet.edu.pk/faculties/facultiesinfo/department?RID=testing_reports&id=6

* as engraved on the specimens (if any)

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Director/Dy. Director Concrete Laboratory



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Department of Civil Engineering
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Phone Nos. 042-99029202, 042-99029217

8115

To: **Bilal Ahmed (Project Manager)** Engr.Ubaid Ahmed
National Technical Services, Karachi
Project: Raised of Boundary Wall at Machike Shell Terminal (Foundation's Footing for Steel Structure)

Our Ref. No. CL/CED/ 7355 Dated: 25-02-19

Your Ref. No. Nil Dated: 18-02-19

COMPRESSION TEST REPORT

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

Specimens received on: 18-02-19 Tested on: 25-02-19 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Weight (lbs./gms)	Area of X-Section (Sq. in)	Ultimate load (Tons/lbs)	Ultimate Stress (Psi)	Remarks
		/Wet Weight (gms)								
1		19	1	2019	6x6x6	8.4	36	47	2930	Engraved
2		19	1	2019	6x6x6	8.8	36	51	3180	Engraved
End	---	---	---	---	---	---	---	---	---	---
4										
5										
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Results can also be seen on website http://www.uet.edu.pk/faculties/facultiesinfo/department?RID=testing_reports&id=6

* 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
Department of Civil Engineering
University of Engineering and Technology, Lahore
Phone Nos. 042-99029202, 042-99029217

8115

To: **Bilal Ahmed (Project Manager)**
National Technical Services, Karachi
Project: Raised of Boundary Wall at Machike Shell Terminal (Foundation's Column for Steel Structure)

Engr. Ubaid Ahmed

Our Ref. No. CL/CED/ 7356 Dated: 25-02-19

Your Ref. No. Nil Dated: 18-02-19

COMPRESSION TEST REPORT

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

Specimens received on: 18-02-19 Tested on: 25-02-19 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Weight (lbs./gms)	Area of X-Section (Sq. in)	Ultimate load (Tons/lbs)	Ultimate Stress (Psi)	Remarks
		/Wet Weight (gms)								
1		9	2	2019	6x6x6	8.4	36	37	2310	Non Engraved
End	---	---	---	---	---	---	---	---	---	---
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
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14										
15										
16										

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supervisor(lab)

Director/Dy. Director Concrete Laboratory



Plain and Reinforced Concrete Laboratory
Department of Civil Engineering
University of Engineering and Technology, Lahore
Phone Nos. 042-99029202, 042-99029217

8152

To: **Engr. Khalid Noor (C.E.O ASTACO)**
ASTACO Engineers & Contractors, Lahore
Project:

Dr. Burhan Sharif

Our Ref. No. CL/CED/ 7357 Dated: 25-02-19
Your Ref. No. Nil Dated: 25-02-19

COMPRESSION TEST REPORT

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

Specimens received on: 25-02-19 Tested on: 25-02-19 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Weight (lbs./gms)	Area of X-Section (Sq. in)	Ultimate load (Tons/lbs)	Ultimate Stress (Psi)	Remarks
		/Wet Weight (gms)								
1	Slab	17	2	2019	6x6x6	8.2	36	59	3680	Non Engraved
2	Slab	17	2	2019	6x6x6	8.2	36	63	3920	Non Engraved
3	Slab	17	2	2019	6x6x6	8.4	36	41	2560	Non Engraved
End	---	---	---	---	---	---	---	---	---	---
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supervisor(lab)

Director/Dy. Director Concrete Laboratory



Plain and Reinforced Concrete Laboratory
Department of Civil Engineering
University of Engineering and Technology, Lahore
Phone Nos. 042-99029202, 042-99029217

8092
Dr. M. Yousaf

To: **Syed Nabeel Hassan (Resident Engineer)**
A&P Div., NESPAK Pvt. Ltd. Lahore
Project: Renovation & Upgradation of Lahore Railway Station

Our Ref. No. CL/CED/ 7358 Dated: 25-02-19
Your Ref. No. 3817/31/07/SNH/040 Dated: 13-02-19

COMPRESSION TEST REPORT

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

Specimens received on: 14-02-19 Tested on: 20-02-19 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Weight (lbs./gms)	Area of X-Section (Sq. in)	Ultimate load (Tons/lbs)	Ultimate Stress (Psi)	Remarks
		Wet Weight (gms)								
1	Sword			3449	8.9x4.4x2.9	3010	39.16	26	1490	14.58
2	Sword			3553	8.9x4.3x3.0	3041	38.27	14	820	16.83
3	Sword			3479	8.8x4.3x3.0	3020	37.84	23	1370	15.19
4	Sword			3587	8.9x4.4x2.9	3114	39.16	26	1490	15.18
5	Sword			3549	8.8x4.3x2.9	3096	37.84	22	1310	14.63
6	Sword			3446	8.8x4.3x2.9	3014	37.84	23	1370	14.33
7	Sword			3412	8.9x4.2x3.0	3068	37.38	37	2220	11.21
8	Sword			3575	8.8x4.3x2.9	3119	37.84	23	1370	14.62
9	Sword			3481	8.9x4.4x2.9	3099	39.16	33	1890	12.32
10	Sword			3536	8.9x4.3x2.9	3026	38.27	14	820	16.85
11	Sword			3497	8.8x4.4x2.9	3077	38.72	27	1570	13.64
12	Sword			3408	8.8x4.3x3.0	2999	37.84	25	1480	13.63
End	---	---	---	---	---	---	---	---	---	---
14										
15										
16										

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supervisor(lab)

Director/Dy. Director Concrete Laboratory