



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

9484
Dr. Aqsa

To: Umair Latif, Development Engineer
University of the Punjab, Office of the Chief Engineer. (M/s Excellent Builders).
Project: Construction of Bus Shed at M.T Park at QAC.

Our Ref. No. CL/CED/ 9296 Dated: 22-11-19
Your Ref. No. D-326-D.E Dated: 12-11-19

COMPRESSION TEST REPORT

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

Specimens received on: 12-11-19 Tested on: 19-11-19 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	(1:1.5:3)	15	10	2019	6x6x6	9	36	64	3990	Engraved
2	(1:1.5:3)	15	10	2019	6x6x6	9	36	57	3550	Non Engraved
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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



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Phone Nos. 042-99029202, 042-99029217

9488
Dr. Aqsa

To: Ahmed Usman Shah
Albakio International Lahore-Karachi.
Project: Superior University Campus Sargodha 84 Chak Sargodha.

Our Ref. No. CL/CED/ 9297 Dated: 22-11-19

Your Ref. No. SSU-10-2019 Dated: 12-11-19

COMPRESSION TEST REPORT

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

Specimens received on: 12-11-19 Tested on: 19-11-19 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	SLB	10	10	2019	6x6x6	8.8	36	135	8400	Non Engraved
2	SLB	10	10	2019	6x6x6	8.8	36	89	5540	Non Engraved
3	SLB	4	10	2019	6x6x6	8.8	36	90	5600	Non Engraved
4	Beam E-1	4	10	2019	6x6x6	8.8	36	123	7660	Non Engraved
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15										
16										

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9490
Dr. Aqsa

To: Smith Construction.
M1-27 Eden Tower Gulberg III, Lahore.
Project: Over Head Water Tank, OMEGA Residencia Scheme.

Our Ref. No. CL/CED/ 9298 Dated: 22-11-19

Your Ref. No. Nil Dated: 22-10-19

COMPRESSION TEST REPORT

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

Specimens received on: 12-11-19 Tested on: 19-11-19 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	Bowl Concrete	3	8	2019	6x6x6	8.8	36	74	4610	Engraved
2	Bowl Concrete	3	8	2019	6x6x6	8.8	36	74	4610	Engraved
3	Bowl Concrete	3	8	2019	6x6x6	8.8	36	79	4920	Engraved
4	Bowl Concrete	17	9	2019	6x6x6	9	36	100	6230	Engraved
5	Bowl Concrete	17	9	2019	6x6x6	8.8	36	104	6480	Engraved
6	Bowl Concrete	17	9	2019	6x6x6	8.8	36	108	6720	Engraved
7	DOME Top Slab Concrete	5	10	2019	6x6x6	9	36	48	2990	Engraved
8	DOME Top Slab Concrete	5	10	2019	6x6x6	8.8	36	57	3550	Engraved
9	DOME Top Slab Concrete	5	10	2019	6x6x6	8.8	36	45	2800	Engraved
10										
11										
12										
13										
14										
15										
16										

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9493

Dr. Aqsa

To: (Khalid Hussain), Assistant Executive Engineer/Civil/RSP

P.R HQs Office Lahore.

Project:Constt. of 3 Unit Class-III & IV Staff (BS-8, BS-11 & BS-16) Residences & 01 Subordinate Office Alongwith T&P Store& Workshop with Electrification at Raiwind for Resigning Project(LON-SDR) Main Line Section.

Our Ref. No. CL/CED/ 9299 Dated: 22-11-19

Your Ref. No. Sig-Proj/LON-SDR/201- H/Civil/RSP Dated: 12-11-19

COMPRESSION TEST REPORT

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

Specimens received on: 13-11-19 Tested on: 19-11-19 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	10	2019	6x6x6	8.2	36	63	3920	Engraved
2		2	10	2019	6x6x6	8	36	64	3990	Engraved
3										
4										
5										
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11										
12										
13										
14										
15										
16										

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Director/Dy. Director Concrete Laboratory



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9489

To: **Manager Projects, Din Houses**
For M1 House.
Project: Din Houses.

Dr. M. Burhan

Our Ref. No. CL/CED/ 9300 Dated: 22-11-19

Your Ref. No. HM1/M4/LCHS/008 Dated: 12-11-19

COMPRESSION TEST REPORT

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

Specimens received on: 12-11-19 Tested on: 18-11-19 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	Basement Footing (3000 Psi)	16	10	2019	6Diax12	13.6	28.28	53	4200	Engraved
2	Basement Footing (3000 Psi)	16	10	2019	6Diax12	13.6	28.28	63	4990	Engraved
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9489

Dr. M. Burhan

To: Manager Projects, Din Houses
For M1 House.
Project: Din Houses.

Our Ref. No. CL/CED/ 9301 Dated: 22-11-19

Your Ref. No. HM1/M4/LCHS/009 Dated: 12-11-19

COMPRESSION TEST REPORT

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

Specimens received on: 12-11-19 Tested on: 18-11-19 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	Basement Footing (3000 Psi)	17	10	2019	6Diax12	13.4	28.28	47	3730	Engraved
2	Basement Footing (3000 Psi)	17	10	2019	6Diax12	13.2	28.28	39	3090	Engraved
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9498
Dr. Aqsa

To: **Engr. Wasif Iqbal (Project Manager Civil)**
Kohinoor Textile Mills Ltd. Lahore

Project: Construction of Admin Block, Al-Aleem Medical College, Gulab Devi Hospital Lahore

Our Ref. No. CL/CED/ 9302 Dated: 22-11-19

Your Ref. No. AAMC/LHR/10 Dated: 13-11-19

COMPRESSION TEST REPORT

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

Specimens received on: 14-11-19 Tested on: 19-11-19 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	Mumty (E-G/16-17)	3	10	2019	6Diax12	14	28.28	75	5950	Non Engraved
2	Mumty (E-G/16-17)	3	10	2019	6Diax12	13.8	28.28	57	4520	Non Engraved
3	Mumty (E-G/16-17)	3	10	2019	6Diax12	14	28.28	57	4520	Non Engraved
4	Dome&OHWT(L-M/18-20&E-F/19-20)	5	10	2019	6Diax12	13.8	28.28	62	4920	Non Engraved
5	Dome&OHWT(L-M/18-20&E-F/19-20)	5	10	2019	6Diax12	14	28.28	65	5150	Non Engraved
6	Dome&OHWT(L-M/18-20&E-F/19-20)	5	10	2019	6Diax12	14	28.28	83	6580	Non Engraved
7	Dome&OHWT(L-M/18-20&E-F/19-20)	5	10	2019	6Diax12	14.4	28.28	56	4440	Non Engraved
8	Dome&OHWT(L-M/18-20&E-F/19-20)	5	10	2019	6Diax12	13.8	28.28	32	2540	Non Engraved
9	Dome&OHWT(L-M/18-20&E-F/19-20)	5	10	2019	6Diax12	14	28.28	52	4120	Non Engraved
10										
11										
12										
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14										
15										
16										

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supervisor(lab)

Director/Dy. Director Concrete Laboratory



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9499
Dr. Aqsa

To: Sub Divisional Officer
Buildings Sub Division, Nankana Sahib
Project: Construction of Police Station (PS) City Nankana Sahib

Our Ref. No. CL/CED/ 9303 Dated: 22-11-19
Your Ref. No. 614/N Dated: 13-10-19

COMPRESSION TEST REPORT

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

Specimens received on: 15-11-19 Tested on: 19-11-19 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
		15	10	2019						
1	R C C (1:2:4)	15	10	2019	6Diax12	14.4	28.28	47	3730	Non Engraved
2	R C C (1:2:4)	15	10	2019	6Diax12	14.4	28.28	88	6970	Non Engraved
3	R C C (1:2:4)	15	10	2019	6Diax12	14.4	28.28	84	6660	Non Engraved
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9504
Dr. Aqsa

To: Muhammad Saleem (GM)
Professional Construction Services (Pvt.) Ltd. Lahore.
Project: ABL L.D.A Avenue Lahore.

Our Ref. No. CL/CED/ 9304 Dated: 22-11-19
Your Ref. No. PCS/19/Eng-82 Dated: 15-11-19

COMPRESSION TEST REPORT

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

Specimens received on: 15-11-19 Tested on: 19-11-19 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	First Floor Slab (1:2:4)	11	10	2019	6Diax12	14	28.28	55	4360	Non Engraved
2	First Floor Slab (1:2:4)	11	10	2019	6Diax12	14	28.28	47	3730	Non Engraved
3										
4										
5										
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9505
Dr. Aqsa

To: (Khalid Bashir)
Ittefaq Building Solutions Pvt. Ltd.
Project: Construction of Salt Room at PepsiCo, Hattar.

Our Ref. No. CL/CED/ 9305 Dated: 22-11-19
Your Ref. No. IBS/PH/ST 008 Dated: 11-11-19

COMPRESSION TEST REPORT

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

Specimens received on: 15-11-19 Tested on: 19-11-19 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	4000 Psi	26	10	2019	6Diax12	13.4	28.28	62	4920	Non Engraved
2	4000 Psi	26	10	2019	6Diax12	13.4	28.28	75	5950	Non Engraved
3	4000 Psi	26	10	2019	6Diax12	13.8	28.28	77	6100	Non Engraved
4	4000 Psi	9	10	2019	6Diax12	13.2	28.28	56	4440	Non Engraved
5	4000 Psi	9	10	2019	6Diax12	13	28.28	49	3890	Non Engraved
6	4000 Psi	9	10	2019	6Diax12	13.2	28.28	60	4760	Non Engraved
7	4000 Psi	10	10	2019	6Diax12	13	28.28	59	4680	Non Engraved
8	4000 Psi	10	10	2019	6Diax12	13.2	28.28	45	3570	Non Engraved
9	4000 Psi	10	10	2019	6Diax12	13	28.28	83	6580	Non Engraved
10										
11										
12										
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14										
15										
16										

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9506
Dr. Aqsa

To: Manager Projects, Din Houses
For M1 House.
Project: Din Houses.

Our Ref. No. CL/CED/ 9306 Dated: 22-11-19
Your Ref. No. HM1/M4/LCHS/010 Dated: 14-11-19

COMPRESSION TEST REPORT

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

Specimens received on: 15-11-19 Tested on: 19-11-19 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	RCC Wall(3500Psi)	8	11	2019	6Diax12	13.8	28.28	49	3890	Engraved
2	RCC Wall(3500Psi)	8	11	2019	6Diax12	14	28.28	61	4840	Engraved
3	RCC Wall(3500Psi)	8	11	2019	6Diax12	14	28.28	43	3410	Engraved
4										
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9512
Dr. Aqsa

To: Awais Anjum, Assistant Engineer (Civil)
Office of the Chief Engineer, University of Okara.
Project: Construction of H.T, L.T & Transformer Rooms as per WAPDA Specifications/Standards at University of Okara.

Our Ref. No. CL/CED/ 9307 Dated: 22-11-19

Your Ref. No. Nil Dated: 18-11-19

COMPRESSION TEST REPORT

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

Specimens received on: 18-11-19 Tested on: 19-11-19 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		12	10	2019	6x6x6	8.2	36	84	5230	Engraved
2		12	10	2019	6x6x6	8	36	98	6100	Engraved
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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

9511
Dr. Aqsa

To: Saqib Riaz, Project Manager
M/S Rizwan Associates Islamabad.
Project: (Under Ground Water Tank) Model Town, Lahore.

Our Ref. No. CL/CED/ 9308 Dated: 22-11-19
Your Ref. No. UET/RA/Site/02-19 Dated: 15-11-19

COMPRESSION TEST REPORT

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

Specimens received on: 15-11-19 Tested on: 19-11-19 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	BED Foundation	17	10	2019	6x6x6	9	36	101	6290	Engraved
2	BED Foundation	17	10	2019	6x6x6	9	36	79	4920	Engraved
3	BED Foundation	17	10	2019	6x6x6	9	36	73	4550	Engraved
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5										
6										
7										
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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

9533

Dr. M. Yousaf

To: Municipal Officer (Infrastructure)
Municipal Committee Toba Tek Singh.
Project: Improvement of General Bus Stand Toba Tek Singh Phase-II.

Our Ref. No. CL/CED/ 9309 Dated: 22-11-19

Your Ref. No. 478/MO/MC/TTS Dated: 14-10-19

COMPRESSION TEST REPORT

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

Specimens received on: 20-11-19 Tested on: 22-11-19 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	Rectangular Grey		7.8x3.9x3.1	3849	30.42	121	8910	
2	Rectangular Grey		7.8x3.9x3.1	3864	30.42	90	6630	
3	Rectangular Grey		7.8x3.9x3.1	3830	30.42	129	9500	
4	Rectangular Grey		7.8x3.9x3.1	3899	30.42	92	6780	
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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

9508

Dr. M. Yousaf

To: (S. Shaukat Hussain), Incharge (Civil)
For Managing Director, SNGPL, Gas House, 21 Kashmir Road, Lahore.
Project: Civil Works and Bill Printing Setup at Central Base Store Manga.

Our Ref. No. CL/CED/ 9310 Dated: 22-11-19

Your Ref. No. CC/01/CBS/Manga Dated: 15-11-19

COMPRESSION TEST REPORT

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

Specimens received on: 15-11-19 Tested on: 22-11-19 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	JB		8.9x4.4x2.9	3286	39.16	39	2240	
2	JB		8.9x4.4x2.9	3309	39.16	43	2460	
3	JB		8.8x4.3x2.8	3207	37.84	48	2850	
4	JB		8.8x4.4x2.9	3318	38.72	43	2490	
5	JB		8.9x4.4x2.9	3241	39.16	42	2410	
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Results can also be seen on website http://www.uet.edu.pk/faculties/facultiesinfo/departament?RID=testing_reports&id=6

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

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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

9495

Dr. M. Yousaf

To: **Municipal Officer (I)**

Municipal Committee Gojra.

**Project: Laying of Tuff Tile etc. Habib Park Street No.1 (Locked Street) Infront of Afzal Furniture Workshop
298/JB Road New Plot, New Model Town Street No.5 and Civil Club Gojra.**

Our Ref. No. CL/CED/

9311

Dated:

22-11-19

Your Ref. No.

1720

Dated:

28-10-19

COMPRESSION TEST REPORT

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

Specimens received on: 13-11-19 Tested on: 22-11-19 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	Rectangular Grey		7.7x3.8x2.3	2715	29.26	108	8270	
2	Rectangular Grey		7.7x3.8x2.3	2617	29.26	114	8730	
3	Rectangular Red		7.8x3.8x2.2	2527	29.64	103	7790	
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supervisor(lab)

Director/Dy. Director Concrete Laboratory