



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

8385

Dr. Umbreen

To: Syed Nabeel Hassan, Resident Engineer
NESPAK Pvt. Ltd. A & P Division, Lahore. (M/s Railcop)
Project: Renovation & Up-Gradation of Lahore Railway Station.

Our Ref. No. CL/CED/ 7864 Dated: 18-04-19

Your Ref. No. 3817/13/07/SNH/062 Dated: 01-04-19

COMPRESSION TEST REPORT

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

Specimens received on: 03-04-19 Tested on: 16-04-19 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
		Month	Day	Year						
1		2	3	2019	6Diax12	13	28.28	53	4200	Non Engraved
2		2	3	2019	6Diax12	13	28.28	67	5310	Non Engraved
3		2	3	2019	6Diax12	13	28.28	59	4680	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"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). 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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Department of Civil Engineering
University of Engineering and Technology, Lahore
Phone Nos. 042-99029202, 042-99029217

8478
Dr. Rizwan
Azam

To: Muhammad Ashaar Naseem, Chief Engineer
Interhom Pvt. Ltd.

Project: Construction of Allied Bank Limited, # 03 Babar Block, Lahore.

Our Ref. No. CL/CED/ 7865 Dated: 18-04-19

Your Ref. No. Nil Dated: 18-04-19

COMPRESSION TEST REPORT

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

Specimens received on: 18-04-19 Tested on: 18-04-19 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	Pile 27/1	7	4	2019	6Diax12	14	28.28	59	4680	Non Engraved
2	Pile 41/3	8	4	2019	6Diax12	14	28.28	63	5000	Non Engraved
3	Pile 20/02	9	4	2019	6Diax12	14	28.28	57	4520	Non Engraved
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supervisor(lab)

Director/Dy. Director Concrete Laboratory



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Phone Nos. 042-99029202, 042-99029217

8412
Dr. Umbreen

To: **Mr. Slahuddin Shad**
Maple Construction, 54 C 1, Gulberg III, Lahore.
Project:

Our Ref. No. CL/CED/ 7866 Dated: 18-04-19
Your Ref. No. Nil Dated: 08-04-19

COMPRESSION TEST REPORT

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

Specimens received on: 08-04-19 Tested on: 16-04-19 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
		7	3	2019						
1		7	3	2019	6Diax12	13.6	28.28	43	3410	Engraved
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Director/Dy. Director Concrete Laboratory



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

8412
Dr. Umbreen

To: **Mr. Slahuddin Shad**
Maple Construction, 54 C 1, Gulberg III, Lahore.
Project:

Our Ref. No. CL/CED/ 7867 Dated: 18-04-19
Your Ref. No. Nil Dated: 08-04-19

COMPRESSION TEST REPORT

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

Specimens received on: 08-04-19 Tested on: 16-04-19 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		7	3	2019	6Diax12	13.8	28.28	41	3250	Engraved
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Department of Civil Engineering
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8413

To: **(Awais Latif), Site Engineer**

Dr. Aqsa

PEPAC W.W.C Adjacent Sundar to Industrial Estate Kasur.(M/s Abid Brothers Contractors Pvt. Ltd.)
Project: Estab. of W.W.C (Ph-1), Package-R, High School-1 (First Floor Slab 1~14/A~J)

Our Ref. No. CL/CED/ 7868 Dated: 18-04-19

Your Ref. No. RE/PEPAC/WWC/57-58 Dated: 08-04-19

COMPRESSION TEST REPORT

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

Specimens received on: 08-04-19 Tested on: 11-04-19 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		22	2	2019	6x6x6	8.4	36	69	4300	Engraved
2		22	2	2019	6x6x6	8.6	36	81	5040	Engraved
3		22	2	2019	6x6x6	8.6	36	82	5110	Engraved
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Department of Civil Engineering
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8414

Dr. Umbreen

To: **Engineer Ikram Javed (Sec-6), Resident Engineer, SMEC AER**
SMEC International Pvt. Ltd. China Camp. Mohanay Wali Mori, UCH Sharif, Distt. BWP.
Project: PKM Section-6, Group-1 (Khar Pur Dhah Stocks), (Izhar Company, Colour Grey)

Our Ref. No. CL/CED/ 7869-1 of 2 Dated: 18-04-19

Your Ref. No. 5065057/6/6/437 Dated: 06-04-19

COMPRESSION TEST REPORT

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

Specimens received on: 08-04-19 Tested on: 17-04-19 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	Conc. Brick (Paver)		7.8x3.9x3.1	3845	30.42	110	8100	
2	Conc. Brick (Paver)		7.8x3.9x3.1	3869	30.42	96	7070	
3	Conc. Brick (Paver)		7.8x3.9x3.1	3845	30.42	90	6630	
4	Conc. Brick (Paver)		7.8x3.9x3.1	3902	30.42	88	6480	
5	Conc. Brick (Paver)		7.8x3.9x3.1	3888	30.42	112	8250	
6	Conc. Brick (Paver)		7.8x3.9x3.1	3892	30.42	104	7660	
7	Conc. Brick (Paver)		7.8x3.9x3.1	3867	30.42	106	7810	
8	Conc. Brick (Paver)		7.8x3.9x3.1	3897	30.42	77	5670	
9	Conc. Brick (Paver)		7.8x3.9x3.1	3820	30.42	104	7660	
10	Conc. Brick (Paver)		7.8x3.9x3.1	3869	30.42	98	7220	
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supervisor(lab)

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

8414

To: **Engineer Ikram Javed (Sec-6), Resident Engineer, SMEC AER**
SMEC International Pvt. Ltd. China Camp. Mohanay Wali Mori, UCH Sharif, Distt. BWP.
Project: PKM Section-6, Group-1 (Khar Pur Dhah Stocks), (Innovative Company, Colour Grey)

Dr. Umbreen

Our Ref. No. CL/CED/ 7869-2 of 2 Dated: 18-04-19

Your Ref. No. 5065057/6/6/437 Dated: 06-04-19

COMPRESSION TEST REPORT

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

Specimens received on: 08-04-19 Tested on: 17-04-19 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	Conc. Brick (Paver)		7.8x3.9x3.1	3974	30.42	104	7660	
2	Conc. Brick (Paver)		7.8x3.9x3.1	3966	30.42	100	7370	
3	Conc. Brick (Paver)		7.8x3.9x3.1	3920	30.42	81	5970	
4	Conc. Brick (Paver)		7.8x3.9x3.1	3899	30.42	106	7810	
5	Conc. Brick (Paver)		7.8x3.9x3.1	3899	30.42	69	5090	
6	Conc. Brick (Paver)		7.8x3.9x3.1	3889	30.42	69	5090	
7	Conc. Brick (Paver)		7.8x3.9x3.1	3877	30.42	63	4640	
8	Conc. Brick (Paver)		7.8x3.9x3.1	3940	30.42	102	7520	
9	Conc. Brick (Paver)		7.8x3.9x3.1	3920	30.42	104	7660	
10	Conc. Brick (Paver)		7.8x3.9x3.1	3947	30.42	86	6340	
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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

To: **Nasir Mahmood, Resident Engineer, Project Management Department**
Al-Imam Enterprises Pvt. Ltd.
Project: Construction of Penta Square, Phase-V, D.H.A, Lahore.

8391
Dr. Aqsa

Our Ref. No. CL/CED/ 7870 Dated: 18-04-19
Your Ref. No. Al-Imam/PS-1/DHA/LHE/826 Dated: 02-04-19

COMPRESSION TEST REPORT

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

Specimens received on: 03-04-19 Tested on: 18-04-19 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	Solid Block				11.7x7.8x8	26.8	91.26	83	2040	
2	Solid Block				11.7x7.8x8	26.9	91.26	64	1580	
3	Solid Block				11.7x7.8x8	26.7	91.26	87	2140	
4	Solid Block				11.7x7.8x8	26.9	91.26	83	2040	
5	Solid Block				11.7x7.8x8	26.85	91.26	86	2120	
6	Solid Block				11.7x7.8x8	27.4	91.26	58	1430	
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Department of Civil Engineering
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Phone Nos. 042-99029202, 042-99029217

8418

To: **Salman Ahmad Sayal, Architect & Partner**

Dr. Umbreen

Design Dimensions, 6-First Floor, Al-Hafeez Suites 69-B2, Gulberg-III, Lahore.(Atiq Associates-Lhr.)

Project: Bank Al-Habib Ltd. Canal Road Premises, Faisalabad. Basement Roof Slab (S-01)

Our Ref. No. CL/CED/ 7871 Dated: 18-04-19

Your Ref. No. DD/BAHL-CRDFBD/RCC/003 Dated: 08-04-19

COMPRESSION TEST REPORT

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

Specimens received on: 08-04-19 Tested on: 12-04-19 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
		Month	Day	Year						
1	3000 Psi	26	2	2019	6Diax12	14	28.28	83	6580	Non Engraved
2	3000 Psi	26	2	2019	6Diax12	14	28.28	57	4520	Engraved
3	3000 Psi	26	2	2019	6Diax12	14	28.28	81	6420	Non Engraved
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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

8361

Dr. M. Burhan

To: Deputy Director (Tech)

Anti Corruption Establishment Faisalabad Region, Faisalabad

Project: Enquiry #51/2019 Again. Officers/Officials of Irrig. Deptt. Fsd. Regard. Scheme Khairwala Bangla.

Our Ref. No. CL/CED/ 7872 Dated: 18-04-19

Your Ref. No. DD-ACE-FSD-2019/255 Dated: 21-03-19

COMPRESSION TEST REPORT

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

Specimens received on: 01-04-19 Tested on: 12-04-19 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-31		8.4x4x2.8	2728	33.6	43	2870	
2	A-31		8.5x4x2.6	2750	34	47	3100	
3	A-31		8.4x4x2.5	2544	33.6	53	3540	
4	A-31		8.4x4.1x2.5	2534	34.44	49	3190	
5	A-31		8.5x4.1x2.7	2691	34.85	41	2640	
6	A-31		8.5x4.1x2.6	2612	34.85	43	2770	
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Department of Civil Engineering
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Phone Nos. 042-99029202, 042-99029217

8480
Dr. Aqsa

To: Deputy Director (Tech)
Anti Corruption Establishment Faisalabad Region, Faisalabad
Project: Complaint Regarding Constt. of Building Rescue 1122 in Gojra District T.T.Singh.

Our Ref. No. CL/CED/ 7873 Dated: 18-04-19

Your Ref. No. DD-ACE-FSD-2019/269 Dated: 05-04-19

COMPRESSION TEST REPORT

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

Specimens received on: 18-04-19 Tested on: 18-04-19 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				7.8x3.8x2.3	2712	29.64	136	10280	
2	Rectangular Grey				7.8x3.8x2.3	2692	29.64	110	8320	
3	Rectangular Grey				7.8x3.8x2.3	2704	29.64	88	6660	
4	Rectangular Grey				7.8x3.8x2.3	2626	29.64	86	6500	
5	Rectangular Grey				7.8x3.8x2.3	2610	29.64	98	7410	
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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

8434

Dr. Umbreen

To: Sub Divisional Officer

Public Health Engg. Sub Division, Kamalia.

Project: Constt. of PCC/Tuff Tile/Soling/Resoling, Primary City Distt. T.T. Singh. (Aslam Wahab & Co.)

Our Ref. No. CL/CED/

7874

Dated:

18-04-19

Your Ref. No.

45/K

Dated:

05-04-19

COMPRESSION TEST REPORT

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

Specimens received on:

10-04-19

Tested on:

17-04-19

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				7.8x3.8x2.3	2865	29.64	73	5520	
2	Rectangular Grey				7.8x3.8x2.3	2865	29.64	86	6500	
3	Rectangular Grey				7.8x3.8x2.3	2844	29.64	71	5370	
4	Rectangular Grey				7.8x3.8x2.3	2882	29.64	79	5980	
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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

To: Sub Divisional Officer

8434
Dr. Umbreen

Public Health Engg. Sub Division, Kamalia.

Project: Provision of Tuff Paver & Drain in Pirmahal City Distt. T.T. Singh. (Bashir Ahmed Govt. Contractor)

Our Ref. No. CL/CED/ 7875 Dated: 18-04-19

Your Ref. No. 44/K Dated: 05-04-19

COMPRESSION TEST REPORT

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

Specimens received on: 10-04-19 Tested on: 17-04-19 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				7.8x3.8x2.3	2877	29.64	98	7410	
2	Rectangular Grey				7.8x3.8x2.3	2879	29.64	57	4310	
3	Rectangular Red				7.8x3.8x2.3	2887	29.64	114	8620	
4	Rectangular Red				7.8x3.8x2.3	2897	29.64	104	7860	
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supervisor(lab)

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

8434

Dr. Umbreen

To: Sub Divisional Officer

Public Health Engg. Sub Division, Kamalia.

Project: Constt. of PCC/Tuff Tile/Soling/Resoling, Pirmahal City Distt. T.T.Singh.(Aslam Wahab & Co.)

Our Ref. No. CL/CED/

7876

Dated:

18-04-19

Your Ref. No.

43/K

Dated:

05-04-19

COMPRESSION TEST REPORT

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

Specimens received on:

10-04-19

Tested on:

17-04-19

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 Red				7.8x3.8x2.3	2881	29.64	108	8170	
2	Rectangular Red				7.8x3.8x2.3	2897	29.64	102	7710	
3	Rectangular Grey				7.8x3.8x2.3	2889	29.64	102	7710	
4	Rectangular Grey				7.8x3.8x2.3	2799	29.64	130	9830	
End	---	---	---	---	---	---	---	---	---	---
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