



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

8103
Dr. Umbreen

To: **Wang Bo (Project Manager Lot-7 & 8)**
China Electric Power Equipment and Technology Co. Ltd
Project:±660KV Matiari-Lahore HVDC Transmission, Lot 7 & 8 (Tower: G-2036,2030,2030)

Our Ref. No. CL/CED/ 7284 Dated: 18-02-19

Your Ref. No. CET/PAK/HVDC/UET-19-481 Dated: 15-02-19

COMPRESSION TEST REPORT

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

Specimens received on: 15-02-19 Tested on: 18-02-19 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	Leg: A	10	1	2019	6Diax12	13	28.28	61	4840	Engraved
2	Leg: A	10	1	2019	6Diax12	13	28.28	53	4200	Engraved
3	Leg: A	10	1	2019	6Diax12	13	28.28	53	4200	Engraved
4	Leg: B	13	1	2019	6Diax12	13	28.28	61	4840	Non Engraved
5	Leg: B	13	1	2019	6Diax12	13	28.28	63	5000	Non Engraved
6	Leg: B	13	1	2019	6Diax12	13	28.28	63	5000	Non Engraved
7	Leg: D	13	1	2019	6Diax12	13.2	28.28	73	5790	Engraved
8	Leg: D	13	1	2019	6Diax12	13.2	28.28	53	4200	Engraved
9	Leg: D	13	1	2019	6Diax12	13	28.28	83	6580	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)

** 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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8014
Dr Umbreen

To: S. Shaukat Hussain, Incharge (Civil), For Managing Director
Sui Northern Gas Pipelines Limited. 21 Kashmir Road Lahore.
Project: Construction of Distribution Sub-Regional Office at Mirpur.

Our Ref. No. CL/CED/ 7285 Dated: 18-02-19
Your Ref. No. CC/58/Mirpur Dated: 01-02-19

COMPRESSION TEST REPORT

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

Specimens received on: 01-02-19 Tested on: 18-02-19 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	MJ				8.7x4.3x2.9	3241	37.41	43	2580	
2	MJ				8.8x4.3x2.9	3264	37.84	46	2730	
3	MJ				8.8x4.4x2.9	3246	38.72	47	2720	
4	MJ				8.8x4.3x2.9	3296	37.84	43	2550	
5	MJ				8.9x4.4x2.9	3301	39.16	37	2120	
6	MJ				8.9x4.4x2.8	3277	39.16	53	3040	
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8107
Dr. Umbreen

To: **Mr. Khalid Hussain (Site Incharge EPC)**
DESCON
Project: White Oil Pipeline MOGAS, Mehmood Kot

Our Ref. No. CL/CED/ 7286 Dated: 18-02-19
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: 18-02-19 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	Uni-Block Grey				2.4 Thick	3655	37.25	104	6260	
2	Uni-Block Grey				2.4 Thick	3594	37.25	134	8060	
3	Uni-Block Grey				2.4 Thick	3717	37.25	124	7460	
End	---	---	---	---	---	---	---	---	---	---
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