

Li Wentao

CCECC-HCS JV.(Expension of Terminal Building and Allied Facilities at AllAP, Lahore)

Test Performed By:

Dr. /Engr. Asad Ali Gillani

Client Reference:

CCECCHCSJVIIAP2024-489

SOM Lab

Ref: 471 (Page-1/1)

Dated:

30-12-2024

Dated:

30-12-2024

Test:

Tension Test & Bend Test

Test Specification:

ASTM-A-615

Gauge Length:

8 inch

Sample Type:

Deformed Bar (Kamran Steel)

S.No.	Weight	Dia.		Area		Yield Load	Ultimate Load	Yield Stress		Ult. Stress		Elongation	Gauge Length	%age Elongation	Remarks
		Nominal	Calculated	Nominal	Calculated			(according to nominal area)	(according to measured area)	(according to nominal area)	(according to measured area)				
	lb/ft	#	in	in ²	in ²	Tons	Tons	psi	psi	psi	psi	in	in	%	
1	2.680	8	1.002	0.79	0.788	28.72	38.43	80170	80370	107290	107560	1.30	8.0	16.3	
2	2.678	8	1.001	0.79	0.787	28.75	38.30	80250	80560	106920	107320	1.30	8.0	16.3	
3	1.037	5	0.623	0.31	0.305	11.03	13.88	78470	79760	98780	100400	1.20	8.0	15.0	
4	1.034	5	0.622	0.31	0.304	10.83	13.78	77020	78540	98050	99990	1.10	8.0	13.8	
5	1.032	5	0.621	0.31	0.303	10.81	13.68	76880	78650	97330	99570	1.20	8.0	15.0	
6	1.027	5	0.620	0.31	0.302	10.88	13.76	77380	79430	97910	100500	1.10	8.0	13.8	
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BEND TEST:

# 8	Sample bend through 180 degrees Satisfactorily without any crack	Note:- Only Nine Samples Received and Tested
# 5	Sample bend through 180 degrees Satisfactorily without any crack	
# 5	Sample bend through 180 degrees Satisfactorily without any crack	
Note: Please always confirm the results of above report on web www.uet-civil.edu.pk		

Engr. Haseeb Afzal

Test Performed By:

Dr. /Engr. Asad ali Gillani

PM HMB Developers Pvt Ltd. Lahore (Commercial Tower, FTC Lahore)

Client Reference: HMBDPL/S.O/12/24/153(LHR)

SOM Lab

Ref: 473(Page-1/1)

Dated: 30-12-2024

Dated: 30-12-2024

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Gauge Length: 8 inch

Sample Type:

Deformed Bar (DC # 1151)

[illegible]

BEND TEST:

# 8	Sample bend through 180 degrees Satisfactorily without any crack	Note:- Only Nine Samples Received and Tested
# 6	Sample bend through 180 degrees Satisfactorily without any crack	
# 4	Sample bend through 180 degrees Satisfactorily without any crack	

Note: Please always confirm the results of above report on web www.uet-civil.edu.pk

Executive Engineer

Test Performed By: Dr. /Engr. Asad Ali Gillani

HD Nr.w.(Rest/Impro of Shakargarh Bypass From Zafarwal-Shakargarh Rd to Bein Bridge Via Nr.w)

Executive Engineer

Test Performed By: Dr. /Engr. Asad Ali Gillani

HD Nr.w.(Rest/Impro of Shakargarh Bypass From Zafarwal-Shakargarh Rd to Bein Bridge Via Nr.w)

Executive Engineer

Test Performed By: Dr. /Engr. Asad Ali Gillani
HD Nr.w.(Rest/Impro of Shakargarh Bypass From Zafarwal-Shakargarh Rd to Bein Bridge Via Nr.w)

SOM Lab
Ref: 476 (Page-1/1)

Dated: 30-12-2024

Test Specification: ASTM-A-615

Sample Type: Deformed Bar

S.No.	Weight	Dia.		Area		Yield Load	Ultimate Load	Yield Stress		Ult. Stress		Elongation	Gauge Length	%age Elongation	Remarks
		Nominal	Calculated	Nominal	Calculated			(according to nominal area)	(according to measured area)	(according to nominal area)	(according to measured area)				
	lb/ft	#	in	in²	in²	Tons	Tons	psi	psi	psi	psi	in	in	%	
1	1.511	6	0.752	0.44	0.444	14.39	19.44	72150	71500	97440	96560	1.10	8.0	13.8	
2	1.515	6	0.753	0.44	0.445	13.99	19.57	70100	69320	98100	97000	1.20	8.0	15.0	
3	0.672	4	0.501	0.20	0.197	6.88	8.48	75880	77030	93530	94950	1.20	8.0	15.0	
4	0.667	4	0.500	0.20	0.196	6.75	9.04	74420	75940	99710	101740	1.10	8.0	13.8	
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BEND TEST:

# 6	Sample bend through 180 degrees Satisfactorily without any crack	Note:- Only Six Samples Received and Tested
# 4	Sample bend through 180 degrees Satisfactorily without any crack	

Note: Please always confirm the results of above report on web www.uet-civil.edu.pk

M.Khurram Iqbal,RE

Test Performed By: Dr. /Engr. Asad Ali Gillani

NESPAK RRP Narowal.(Restoration/Improvement of Noor Kot to Fatwal Via Essa)

Client Reference: RE/RRP/NRWL/KI/37

SOM Lab

Ref: 477 (Page-1/1)

Dated: 24-12-2024

Dated: 30-12-2024

Test: Tension Test & Bend Test

Test Specification: ASTM-A-615

Gauge Length: 8 inch

Sample Type: Deformed Bar

[illegible]

BEND TEST:

# 4	Sample bend through 180 degrees Satisfactorily without any crack	Note:- Only Three Samples Received and Tested

Note: Please always confirm the results of above report on web www.uet-civil.edu.pk