

Li Wentao

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

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

Client Reference: CCECCHCSJVIIAP2024-448

SOM Lab

Ref: 380 (Page-1/1)

Dated: 13-12-2024

Dated: 16-12-2024

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 <sup>2</sup>	in <sup>2</sup>	Tons	Tons	psi	psi	psi	psi	in	in	%	
1	1.466	6	0.741	0.44	0.431	14.27	19.72	71540	73030	98870	100930	1.20	8.0	15.0	
2	1.466	6	0.741	0.44	0.431	14.27	19.83	71540	73030	99380	101460	1.30	8.0	16.3	
3	1.485	6	0.745	0.44	0.436	14.44	20.08	72400	73070	100660	101580	1.20	8.0	15.0	
4	1.477	6	0.743	0.44	0.434	14.48	20.03	72560	73560	100400	101790	1.20	8.0	15.0	
5	0.674	4	0.502	0.20	0.198	6.65	8.97	73290	74030	98920	99920	1.30	8.0	16.3	
6	0.673	4	0.502	0.20	0.198	6.75	9.02	74420	75170	99480	100490	1.00	8.0	12.5	
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**BEND TEST:**

# 6	Sample bend through 180 degrees Satisfactorily without any crack	<b>Note:-</b>  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](http://www.uet-civil.edu.pk)

Sheikhoo Steel

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

DP Sheikhoo Sugar Mills Anwar Abad Kot Addu. (Sub Div Officer Highway Sub Div Dera Ghazi Khan)

Client Reference: Nil

SOM Lab

Ref: 381 (Page-1/1)

Dated: 11-12-2024

Dated: 16-12-2024

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Gauge Length: 8 inch

Sample Type:

Deformed Bar (Sheikhoo 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 <sup>2</sup>	in <sup>2</sup>	Tons	Tons	psi	psi	psi	psi	in	in	%	
1	1.494	6	0.748	0.44	0.439	14.90	19.67	74700	74870	98610	98840	1.40	8.0	17.5	
2	1.504	6	0.750	0.44	0.442	14.98	19.75	75110	74770	98970	98520	1.30	8.0	16.3	
3	0.660	4	0.497	0.20	0.194	6.54	8.74	72170	74400	96340	99310	1.20	8.0	15.0	
4	0.660	4	0.497	0.20	0.194	6.63	8.77	73070	75330	96670	99660	1.10	8.0	13.8	
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**BEND TEST:**

# 6	Sample bend through 180 degrees Satisfactorily without any crack	<b>Note:-</b>  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](http://www.uet-civil.edu.pk)

Resident Engineer

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

Al-Imam Enterprises.(Const Of Zonal Office Building of Bank Al Habib Ltd.Main Boulevard Gulberg,Lhr)

Client Reference: ALM/BAHL/1216/1612

SOM Lab

Ref: 382 (Page-1/1)

Dated: 16-12-2024

Dated: 16-12-2024

Test: Tension Test & Bend Test

Test Specification: ASTM-A-615

Gauge Length: 8 inch

Sample Type: Deformed Bar (Mughal 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 <sup>2</sup>	in <sup>2</sup>	Tons	Tons	psi	psi	psi	psi	in	in	%	
1	1.984	7	0.862	0.60	0.583	18.11	24.16	66590	68530	88800	91390	1.50	8.0	18.8	
2	1.973	7	0.859	0.60	0.580	17.50	23.65	64340	66560	86930	89930	1.30	8.0	16.3	
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**BEND TEST:**

# 7	Sample bend through 180 degrees Satisfactorily without any crack	<b>Note:-</b>  Only Three Samples Received and Tested

Note: Please always confirm the results of above report on web [www.uet-civil.edu.pk](http://www.uet-civil.edu.pk)

Project Manager  
Urban City Lahore.

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

Client Reference: Nil

SOM Lab

Ref: 383 (Page-1/1)

Dated: 16-12-2024

Dated: 16-12-2024

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Gauge Length: 8 inch

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	in <sup>2</sup>	in <sup>2</sup>	Tons	Tons	psi	psi	psi	psi	in	in	%	
1	1.040	5	0.624	0.31	0.306	10.81	13.63	76880	77880	96960	98230	1.30	8.0	16.3	
2	1.056	5	0.628	0.31	0.310	10.93	13.83	77750	77750	98410	98410	1.30	8.0	16.3	
3	0.601	4	0.475	0.20	0.177	5.52	7.46	60930	68840	82290	92980	1.30	8.0	16.3	
4	0.601	4	0.475	0.20	0.177	5.42	7.49	59800	67570	82620	93360	1.40	8.0	17.5	
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**BEND TEST:**

# 5	Sample bend through 180 degrees Satisfactorily without any crack	<b>Note:-</b>  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](http://www.uet-civil.edu.pk)

Muhammad Azmat, RE

Test Performed By:

Dr. /Engr.

Asad Ali Gillani

NESPAK-Turkpak JV Lhr.(Reconstruction of Lady Willingdon Hospital,Lahore)

Client Reference: 4729/13/MA/04/147

SOM Lab

Ref:

384 (Page-1/1)

Dated: 11-12-2024

Dated:

16-12-2024

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Gauge Length: 8 inch

Sample Type:

Deformed Bar (AF 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 <sup>2</sup>	in <sup>2</sup>	Tons	Tons	psi	psi	psi	psi	in	in	%	
1	1.499	6	0.749	0.44	0.441	15.31	20.51	76750	76570	102800	102570	1.20	8.0	15.0	
2	1.498	6	0.748	0.44	0.440	15.01	20.31	75210	75210	101780	101780	1.30	8.0	16.3	
3	0.667	4	0.500	0.20	0.196	6.35	8.18	70030	71460	90150	91990	1.00	8.0	12.5	
4	0.665	4	0.498	0.20	0.195	6.44	8.23	71040	72870	90720	93040	1.10	8.0	13.8	
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**BEND TEST:**

# 6	Sample bend through 180 degrees Satisfactorily without any crack	<b>Note:-</b>  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](http://www.uet-civil.edu.pk)

M.Waseem Azhar  
Asstt Director (QCD) WASA,LDA,Lhr.(M/S. Future Pipe Industry Lahore)

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

**Client Reference:** QCD/2483

**SOM Lab**

**Ref:** 385 (Page-1/1)

**Dated:** 11-12-2024

**Dated:** 16-12-2024

**Test:** Tension Test & Bend Test

**Test Specification:** ASTM-A-615

**Gauge Length:** 8 inch

**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	in <sup>2</sup>	in <sup>2</sup>	Tons	Tons	psi	psi	psi	psi	in	in	%	
1	0.649	4	0.493	0.20	0.191	5.56	7.92	61270	64150	87340	91460	0.60	8.0	7.5	
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**BEND TEST:**

# 4	Sample bend through 180 degrees Satisfactorily without any crack	<b>Note:-</b>  Only Two Samples Received and Tested

Note: Please always confirm the results of above report on web [www.uet-civil.edu.pk](http://www.uet-civil.edu.pk)

Sub Divisional officer,

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

BSD No.12 Lahore.(Institutional Strengthening Of Primary and Scondary Health Care Deptt Punjab)

**Client Reference:** 621

**SOM Lab**

**Ref:** 386 (Page-1/1)

**Dated:** 25-11-2024

**Dated:** 16-12-2024

**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 <sup>2</sup>	in <sup>2</sup>	Tons	Tons	psi	psi	psi	psi	in	in	%	
1	2.596	8	0.986	0.79	0.763	24.16	33.54	67450	69830	93630	96940	1.50	8.0	18.8	
2	2.614	8	0.989	0.79	0.768	24.33	33.86	67930	69880	94540	97250	1.50	8.0	18.8	
3	1.498	6	0.748	0.44	0.440	16.84	20.66	84410	84410	103570	103570	1.20	8.0	15.0	
4	1.477	6	0.743	0.44	0.434	16.51	20.51	82780	83920	102800	104230	1.30	8.0	16.3	
5	0.657	4	0.496	0.20	0.193	6.57	8.79	72510	75140	96900	100410	1.00	8.0	12.5	
6	0.671	4	0.501	0.20	0.197	6.52	8.74	71940	73040	96340	97800	1.20	8.0	15.0	
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**BEND TEST:**

--	No Bend test performed	<b>Note:-</b>  Only Six Samples Received and Tested

Note: Please always confirm the results of above report on web [www.uet-civil.edu.pk](http://www.uet-civil.edu.pk)

**Gauge Length:** 8 inch

**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	in <sup>2</sup>	in <sup>2</sup>	Tons	Tons	psi	psi	psi	psi	in	in	%	
1	1.502	6	0.749	0.44	0.441	15.41	20.71	77260	77080	103830	103590	1.20	8.0	15.0	
2	1.506	6	0.751	0.44	0.443	14.70	20.66	73680	73180	103570	102870	1.40	8.0	17.5	
3	0.673	4	0.502	0.20	0.198	6.57	8.56	72510	73240	94420	95380	1.10	8.0	13.8	
4	0.675	4	0.502	0.20	0.198	6.68	8.61	73630	74370	94990	95950	1.20	8.0	15.0	
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**BEND TEST:**

# 6	Sample bend through 180 degrees Satisfactorily without any crack	<b>Note:-</b>  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](http://www.uet-civil.edu.pk)