

Zaheer Abbas

Test Performed By:

Dr. /Engr.

Asad Ali Gillani

Sr.Manager Const. Beaconhouse School System.(Const at Sargodha Cantt Campus)

Client Reference: Nil

Dated: 02-07-2024

Test: Tension Test & Bend Test

Gauge Length: 8 inch

Test Specification:

Sample Type:

SOM Lab

Ref:

4373 (Page-1/1)

Dated:

03-07-2024

ASTM-A-615

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 ²	in ²	Tons	Tons	psi	psi	psi	psi	in	in	%	
1	1.466	6	0.741	0.44	0.431	15.97	19.49	80070	81740	97690	99730	1.20	8.0	15.0	
2	0.671	4	0.501	0.20	0.197	6.03	9.17	66550	67560	101170	102710	1.20	8.0	15.0	
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BEND TEST:

# 6	Sample bend through 180 degrees Satisfactorily without any crack	Note:- Only Four 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

Project Manager

Test Performed By:

Dr. /Engr.

Asad Ali Gillani

Tawasul Developers (Pvt) Ltd Lahore (Creek Tower 6-D Upper Mall Lahore)

Client Reference: Nil

SOM Lab

Ref:

4374 (Page-1/1)

Dated: 03-07-2024

Dated:

03-07-2024

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 ²	in ²	Tons	Tons	psi	psi	psi	psi	in	in	%	
1	1.488	6	0.746	0.44	0.437	15.90	20.08	79710	80260	100660	101350	1.20	8.0	15.0	
2	1.482	6	0.745	0.44	0.436	15.29	19.90	76640	77350	99740	100650	1.40	8.0	17.5	
3	0.656	4	0.496	0.20	0.193	6.54	8.63	72170	74790	95210	98660	1.30	8.0	16.3	
4	0.654	4	0.494	0.20	0.192	6.47	8.66	71380	74360	95550	99530	1.40	8.0	17.5	
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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

Hafiz Muhammad Husnain

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

Sr.Engr (Civil) KCP PAEC.Jauharabad.(Const Of Laundry With CSSD Building at PGHJ)

Client Reference: KCP(W&S)-Hosp-(CLB/2023

SOM Lab

Ref: 4375 (Page-1/1)

Dated: 02-07-2024

Dated: 03-07-2023

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 ²	in ²	Tons	Tons	psi	psi	psi	psi	in	in	%	
1	1.488	6	0.746	0.44	0.437	14.39	18.42	72150	72640	92330	92960	1.40	8.0	17.5	
2	1.475	6	0.743	0.44	0.433	13.94	18.37	69900	71030	92070	93560	1.40	8.0	17.5	
3	0.651	4	0.493	0.20	0.191	7.16	8.51	78910	82630	93860	98290	1.00	8.0	12.5	
4	0.663	4	0.498	0.20	0.195	7.44	9.27	82060	84160	102180	104800	1.00	8.0	12.5	
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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

Mugees Asghar

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

Partner GIM Developers Lahore.(Const Of Plaza at 51 Baber Block New Garden Town Lahore)

Client Reference: Nil

SOM Lab

Ref: 4376 (Page-1/1)

Dated: 03-07-2024

Dated: 03-07-2024

Test: Tension Test & Bend Test

Test Specification: ASTM-A-615

Gauge Length: 8 inch

Sample Type: Deformed Bar (Afaq 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	2.644	8	0.995	0.79	0.777	24.28	34.51	67790	68920	96330	97940	1.40	8.0	17.5	
2	2.627	8	0.991	0.79	0.772	24.11	34.22	67310	68870	95530	97760	1.60	8.0	20.0	
3	1.500	6	0.749	0.44	0.441	16.99	20.80	85180	84980	104230	104000	1.00	8.0	12.5	
4	1.505	6	0.750	0.44	0.442	17.07	20.95	85590	85200	105000	104530	1.00	8.0	12.5	
5	0.672	4	0.501	0.20	0.197	7.03	9.07	77560	78750	100050	101570	1.00	8.0	12.5	
6	0.675	4	0.502	0.20	0.198	6.98	8.92	77000	77780	98360	99350	1.00	8.0	12.5	
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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 Engr. Highway Div

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

Narowal.(Widing/Improvement of Road From Sialkot Cantt to Jassar Garrison in Distt Narowal)

Client Reference: 1050/DB

SOM Lab

Ref: 4377 (Page-1/1)

Dated: 10-06-2024

Dated: 03-07-2024

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 ²	in ²	Tons	Tons	psi	psi	psi	psi	in	in	%	
1	1.457	6	0.738	0.44	0.428	11.44	17.58	57330	58940	88140	90610	1.50	8.0	18.8	
2	1.435	6	0.733	0.44	0.422	11.26	17.43	56460	58870	87370	91100	1.40	8.0	17.5	
3	0.951	5	0.596	0.31	0.279	7.54	11.37	53670	59630	80860	89850	1.00	8.0	12.5	
4	0.971	5	0.602	0.31	0.285	7.75	11.64	55120	59950	82820	90090	1.10	8.0	13.8	
5	0.569	4	0.461	0.20	0.167	4.71	6.73	51940	62200	74190	88850	1.20	8.0	15.0	
6	0.571	4	0.462	0.20	0.168	4.84	6.85	53400	63570	75540	89930	1.40	8.0	17.5	
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BEND TEST:

# 6	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	
# 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

Shahzada Abuzar
PM Atlas Power Ltd.Sheikhupura.

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

Client Reference: Nil

SOM Lab

Ref: 4378 (Page-1/1)

Dated: 02-07-2024

Dated: 03-07-2024

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 ²	in ²	Tons	Tons	psi	psi	psi	psi	in	in	%	
1	1.525	6	0.755	0.44	0.448	15.44	20.13	77410	76030	100910	99110	1.40	8.0	17.5	
2	1.511	6	0.752	0.44	0.444	15.85	19.59	79450	78740	98210	97320	1.50	8.0	18.8	
3	0.660	4	0.497	0.20	0.194	6.12	7.70	67450	69530	84870	87500	1.00	8.0	12.5	
4	0.663	4	0.498	0.20	0.195	6.78	7.92	74750	76670	87340	89580	1.10	8.0	13.8	
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BEND TEST:

# 6	Sample bend through 180 degrees Satisfactorily without any crack	Note:- Only Four 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