

Saqib Rafique

Test Performed By:

Dr. /Engr.

Asad Ali Gillani

Head Of Operations BEMSOL Pvt.Ltd.(StarchPack Greenfield Project At Kasur)

Client Reference: BPL/202209151

Dated: 15-09-2022

SOM Lab Ref: CED/SOM/930(Page-1/1)

Dated: 16-09-2022

Test: Tension Test & Bend Test

Test Specification: ASTM-A 615

Sample Type: Deformed Bar

Gauge Length: 200 mm

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)				
	kg/m	mm	mm	mm ²	mm ²	kN	kN	MPa	MPa	MPa	MPa	mm	mm	%	
1	0.880	12	11.94	113	112	63.50	79.20	561	567	700	708	30.0	200	15.0	Lot-1
2	0.881	12	11.95	113	112	59.00	77.20	522	526	683	689	27.5	200	13.8	Lot-1
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BEND TEST:

12mm	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

Sub Divisional officer,

Test Performed By:

Dr. /Engr.

Asad Ali Gillani

PHE: Sub Div Sillanwali.(Rural Water Supply Scheme Chak No.116/NB Distt Sargodha)

Client Reference: 174/S.W

SOM Lab

Ref:

926 (Page-1/1)

Dated: 02-07-2021

Dated:

16-09-2022

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	1.509	6	0.751	0.44	0.443	16.62	19.62	83290	82720	98360	97690	1.30	8.0	16.3	
2	1.500	6	0.749	0.44	0.441	16.69	19.64	83640	83450	98460	98240	1.40	8.0	17.5	
3	0.667	4	0.500	0.20	0.196	7.19	8.63	79250	80870	95210	97150	1.00	8.0	12.5	
4	0.668	4	0.500	0.20	0.196	7.19	8.69	79250	80870	95770	97730	1.10	8.0	13.8	
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BEND TEST:

--	No Bend test performed	Note:- Only Four Samples Received and Tested

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

Omar Sadiq
Project Manager One Liberty Mall and H&S Hotel Lahore.

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

Client Reference: OL/OS/2022/09/03
Dated: 15-09-2022
Test: Tension Test & Bend Test
Gauge Length: 8 inch

SOM Lab
Ref: 927 (Page-1/1)
Dated: 16-09-2022
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	in ²	in ²	Tons	Tons	psi	psi	psi	psi	in	in	%	
1	2.818	8	1.027	0.79	0.828	25.78	41.23	71970	68670	115110	109830	1.20	8.0	15.0	
2	2.773	8	1.019	0.79	0.815	26.10	41.34	72850	70620	115400	111860	1.10	8.0	13.8	
3	0.659	4	0.497	0.20	0.194	6.09	9.43	67110	69190	103980	107190	1.20	8.0	15.0	
4	0.669	4	0.501	0.20	0.197	6.14	9.48	67670	68700	104540	106130	1.30	8.0	16.3	
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BEND TEST:

# 8	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

Muhammad Shahzad Anwar

Test Performed By:

Dr. /Engr. Asad Ali Gillani

RE Nespak Bwp.(Kotla Mosa Khan To Kachi Mor ANS Flyover at Firdus Cinema Phatak Distt.Bwp)

Client Reference: RE/MSA/BWP/01

SOM Lab

Ref: 928 (Page-1/1)

Dated: 15-09-2022

Dated: 16-09-2022

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Gauge Length: 8 inch

Sample Type:

Deformed Bar (FF 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	2.674	8	1.000	0.79	0.786	25.40	33.74	70920	71280	94200	94680	1.40	8.0	17.5	
2	2.678	8	1.001	0.79	0.787	25.56	33.79	71350	71620	94340	94700	1.40	8.0	17.5	
3	1.504	6	0.750	0.44	0.442	12.54	17.79	62850	62560	89160	88760	1.40	8.0	17.5	
4	1.505	6	0.750	0.44	0.442	12.56	17.89	62950	62670	89670	89270	1.40	8.0	17.5	
5	1.069	5	0.632	0.31	0.314	9.81	13.91	69770	68880	98990	97730	1.30	8.0	16.3	
6	1.050	5	0.627	0.31	0.309	10.01	14.27	71220	71450	101530	101860	1.30	8.0	16.3	
7	0.670	4	0.501	0.20	0.197	6.12	8.69	67450	68470	95770	97230	1.30	8.0	16.3	
8	0.669	4	0.501	0.20	0.197	6.07	8.72	66890	67900	96110	97570	1.20	8.0	15.0	
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BEND TEST:

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

Mr. Tanveer Ahmad
Deputy Manager Procurement.

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

Client Reference: Nil

SOM Lab

Ref: 929 (Page-1/2)

Dated: 15-09-2022

Dated: 16-09-2022

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Gauge Length: 8 inch

Sample Type:

Deformed Bar (Kisan 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	1.472	6	0.743	0.44	0.433	13.43	18.47	67290	68380	92590	94080	1.10	8.0	13.8	
2	0.646	4	0.492	0.20	0.190	7.59	9.30	83750	88150	102520	107910	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

Mr. Tanveer Ahmad
Deputy Manager Procurement.

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

Client Reference: Nil

SOM Lab

Ref: 929 (Page-2/2)

Dated: 15-09-2022

Dated: 16-09-2022

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Gauge Length: 8 inch

Sample Type:

Deformed Bar (Batala 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	1.467	6	0.741	0.44	0.431	13.51	18.17	67700	69120	91050	92950	1.00	8.0	12.5	
2	0.680	4	0.505	0.20	0.200	6.63	9.23	73070	73070	101730	101730	1.00	8.0	12.5	
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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

Atta Farid

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

RE Nespak Circle Sahiwal.(Const Of Bypass From Royal Hotel To Sarwar Chowk Via Ada Maiwali)

Client Reference: 4267/Sahiwal/ADP/Flyover/AF/15

SOM Lab

Ref: 932 (Page-1/1)

Dated: 10-09-2022

Dated: 16-09-2022

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Gauge Length: 8 inch

Sample Type:

Deformed Bar (SJ 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	2.640	8	0.994	0.79	0.776	26.68	32.69	74480	75820	91270	92910	1.30	8.0	16.3	
2	2.646	8	0.995	0.79	0.778	26.52	32.39	74050	75190	90410	91810	1.30	8.0	16.3	
3	1.567	6	0.766	0.44	0.461	14.95	20.44	74960	71540	102450	97780	1.30	8.0	16.3	
4	1.568	6	0.766	0.44	0.461	14.68	20.46	73580	70230	102550	97880	1.40	8.0	17.5	
5	1.083	5	0.636	0.31	0.318	10.14	13.48	72160	70350	95880	93460	1.40	8.0	17.5	
6	1.091	5	0.639	0.31	0.321	9.99	13.48	71070	68640	95880	92590	1.20	8.0	15.0	
7	0.657	4	0.496	0.20	0.193	6.93	9.17	76440	79210	101170	104840	1.10	8.0	13.8	
8	0.657	4	0.496	0.20	0.193	7.00	9.28	77230	80030	102290	106000	1.00	8.0	12.5	
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-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

BEND TEST:

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

Khurram Altaf

Test Performed By:

Dr. /Engr.

Asad Ali Gillani

Asstt purchase Officer,ZEPHYR Textiles Ltd.Lahore.

SOM Lab

Ref:

933 (Page-1/1)

Client Reference: Nil

Dated: 16-09-2022

Dated:

16-09-2022

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	2.721	8	1.009	0.79	0.800	24.64	36.67	68790	67930	102360	101080	1.20	8.0	15.0	
2	1.482	6	0.745	0.44	0.436	12.90	18.35	64640	65230	91970	92820	1.10	8.0	13.8	
3	1.476	6	0.743	0.44	0.434	12.86	18.42	64480	65380	92330	93610	1.20	8.0	15.0	
4	1.477	6	0.743	0.44	0.434	13.22	18.25	66270	67190	91460	92730	1.00	8.0	12.5	
5	1.484	6	0.745	0.44	0.436	13.23	18.67	66320	66930	93610	94470	1.20	8.0	15.0	
6	0.648	4	0.492	0.20	0.190	5.98	8.79	65990	69460	96900	102000	1.00	8.0	12.5	
7	0.647	4	0.492	0.20	0.190	5.81	8.33	64080	67450	91840	96670	1.10	8.0	13.8	
8	0.644	4	0.491	0.20	0.189	6.17	8.48	68010	71970	93530	98970	1.00	8.0	12.5	
9	0.648	4	0.492	0.20	0.190	5.91	8.63	65200	68630	95210	100220	1.00	8.0	12.5	
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BEND TEST:

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

Engr.Syed Faheem Hussain

Test Performed By:

Dr. /Engr. Asad Ali Gillani

RE(M&C,D.G Khan) AZ Engg.Associates.(Estb.Of Mother &Child Block,Teaching Hospital,DG Khan)

Client Reference: RE/AZEA/DGK/125

SOM Lab

Ref: 934 (Page-1/1)

Dated: 02-08-2022

Dated: 16-09-2022

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Gauge Length: 8 inch

Sample Type:

Deformed Bar (FF 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	2.687	8	1.003	0.79	0.790	24.79	33.25	69210	69210	92830	92830	1.50	8.0	18.8	
2	2.674	8	1.000	0.79	0.786	23.16	32.57	64660	64990	90920	91390	1.60	8.0	20.0	
3	1.507	6	0.751	0.44	0.443	14.37	19.37	72050	71560	97080	96420	1.30	8.0	16.3	
4	1.506	6	0.751	0.44	0.443	14.63	19.49	73320	72830	97690	97030	1.50	8.0	18.8	
5	0.669	4	0.501	0.20	0.197	6.34	8.69	69920	70990	95770	97230	1.20	8.0	15.0	
6	0.671	4	0.501	0.20	0.197	6.52	9.19	71940	73040	101390	102940	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
# 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