

Muteen Zafar Malik

Test Performed By:

Dr. /Engr.

Asad Ali Gillani

PE MA Engineering Services.(Project: Engro Enfrashare B2S Towers)

Client Reference: MA/UET/LHR/012

Dated: 09-01-2022

SOM Lab Ref: CED/SOM/5798 (Page-1/2)

Dated: 01-02-2022

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	2.209	20	18.92	314	281	137.00	187.70	436	488	597	668	42.5	200	21.3	
2	1.506	16	15.63	201	192	105.70	138.00	526	552	686	720	30.0	200	15.0	
3	0.996	12	12.71	113	127	71.20	91.70	630	561	811	723	27.5	200	13.8	
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BEND TEST:

20mm	Sample bend through 180 degrees Satisfactorily without any crack	Note:- Only Six Samples Received and Tested
16mm	Sample bend through 180 degrees Satisfactorily without any crack	
12mm	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

Muteen Zafar Malik

Test Performed By:

Dr. /Engr.

Asad Ali Gillani

PE MA Engineering Services.(Project: Engro Enfrashare B2S Towers)

Client Reference: MA/UET/LHR/013

Dated: 20-01-2022

SOM Lab Ref: CED/SOM/5798 (Page-2/2)

Dated: 01-02-2022

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	2.319	20	19.38	314	295	138.70	187.70	441	471	597	637	32.5	200	16.3	
2	1.549	16	15.85	201	197	99.20	131.50	493	503	654	667	25.0	200	12.5	
3	1.007	12	12.78	113	128	64.70	85.70	572	505	758	668	25.0	200	12.5	
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BEND TEST:

20mm	Sample bend through 180 degrees Satisfactorily without any crack	<p>Note:-</p> <p>Only Six Samples Received and Tested</p>
16mm	Sample bend through 180 degrees Satisfactorily without any crack	
12mm	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.(Const. of Rd From Bwp Jahngra Sharqi Interchange L 42Km Distt Bwp)

Client Reference: RE/MSA/BWP/JS/02

SOM Lab

5792 (Page-

Ref:

1/1)

Dated: 13-12-2021

Dated:

01-02-2022

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	2.689	8	1.003	0.79	0.790	25.43	35.88	71000	71000	100170	100170	1.40	8.0	17.5	
2	1.539	6	0.759	0.44	0.452	15.17	20.51	76030	74010	102800	100070	1.40	8.0	17.5	
3	0.661	4	0.497	0.20	0.194	5.93	8.26	65420	67450	91050	93870	1.20	8.0	15.0	
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BEND TEST:

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

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

Munir Raza

Test Performed By:

Dr. /Engr.

Asad Ali Gillani

Riz Builders,Lahore.(Monoo Squash Court,Aitchison College Lahore)

Client Reference: Nil

SOM Lab

5793 (Page-

Ref:

1/1)

Dated: 01-02-2022

Dated:

01-02-2022

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	2.661	8	0.998	0.79	0.782	24.28	35.04	67790	68480	97810	98810	1.50	8.0	18.8	
2	1.495	6	0.748	0.44	0.439	13.63	20.23	68320	68470	101420	101660	1.30	8.0	16.3	
3	0.672	4	0.501	0.20	0.197	7.21	9.63	79470	80690	106230	107840	0.90	8.0	11.3	
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BEND TEST:

# 8	Sample bend through 180 degrees Satisfactorily without any crack	Note:- Only Six 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

Muhammad Danish

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

Opal Deever Developers(Const of Zameen Opal,Plot No.16,Sec.-A,Land Breeze Housing Society,Lhr)

Client Reference: ZD/ZO/L/044

SOM Lab 5795 (Page-

Ref: 1/1)

Dated: 01-02-2022

Dated: 01-02-2022

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	0.645	4	0.492	0.20	0.190	7.03	8.79	77560	81650	96900	102000	1.10	8.0	13.8	
2	0.662	4	0.498	0.20	0.195	6.88	8.63	75880	77820	95210	97650	1.10	8.0	13.8	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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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

Engr. Muddasir Tahir

Test Performed By:

Dr. /Engr. Asad Ali Gillani

CM Zameen Aurum,(Construction Of Zameen Aurum at Plot No.15 Block L,Gulberg-III Lahore)

Client Reference: ZD/ZA/STR023

SOM Lab 5796 (Page-

Ref: 1/1)

Dated: 01-02-2022

Dated: 01-02-2022

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	0.738	4	0.526	0.20	0.217	8.31	10.62	91610	84440	117130	107950	1.30	8.0	16.3	
2	0.796	4	0.546	0.20	0.234	7.70	9.73	84870	72540	107350	91750	1.30	8.0	16.3	
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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

Banu Mukhtar Contracting
 Q/QC Engr, Designation Lahore.(US Apparel Unit No 5)

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

Client Reference: Nil

SOM Lab 5797 (Page-

Ref: 1/1)

Dated: 01-02-2022

Dated: 01-02-2022

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	2.639	8	0.994	0.79	0.776	26.91	35.58	75130	76490	99320	101110	1.40	8.0	17.5	
2	2.606	8	0.988	0.79	0.766	26.40	35.07	73710	76020	97900	100960	1.20	8.0	15.0	
3	1.643	6	0.784	0.44	0.483	17.28	22.70	86610	78900	113790	103660	1.20	8.0	15.0	
4	1.649	6	0.786	0.44	0.485	17.30	22.73	86710	78660	113940	103370	1.20	8.0	15.0	
5	0.620	4	0.481	0.20	0.182	6.95	8.63	76660	84250	95210	104630	1.00	8.0	12.5	
6	0.620	4	0.481	0.20	0.182	7.03	8.53	77560	85230	94090	103390	0.90	8.0	11.3	
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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

Engr. Hasan Nawaz

Test Performed By:

Dr. /Engr.

Asad Ali Gillani

CM Zameen Quadrangle.(Const. Of Zameen Quadrangle at Plot No.49,Gulberg-V Lahore)

Client Reference: ZD/ZQ/GSW/016

SOM Lab 5799 (Page-

Ref: 1/1)

Dated: 01-02-2022

Dated: 01-02-2022

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	1.456	6	0.738	0.44	0.428	15.60	19.85	78180	80370	99480	102270	1.10	8.0	13.8	
2	1.443	6	0.735	0.44	0.424	15.19	19.47	76130	79010	97590	101280	1.10	8.0	13.8	
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BEND TEST:

# 6	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

Ali Asghar

Test Performed By:

Dr. /Engr.

Asad Ali Gillani

RE Nespak RHC JV.(Monitoring Of Dev Project/Program In Irrigation Department)

Client Reference: 3158/13/AA/02/1324

SOM Lab

5800 (Page-

Ref:

1/1)

Dated: 28-01-2022

Dated:

01-02-2022

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	2.650	8	0.996	0.79	0.779	23.01	33.13	64230	65140	92490	93800	1.60	8.0	20.0	
2	2.656	8	0.997	0.79	0.781	23.41	33.56	65370	66120	93680	94760	1.50	8.0	18.8	
3	1.501	6	0.749	0.44	0.441	13.30	19.88	66680	66530	99640	99410	1.50	8.0	18.8	
4	1.492	6	0.747	0.44	0.438	13.00	19.67	65150	65450	98610	99060	1.40	8.0	17.5	
5	0.689	4	0.507	0.20	0.202	6.65	8.63	73290	72570	95210	94270	1.60	8.0	20.0	
6	0.671	4	0.501	0.20	0.197	6.42	8.38	70820	71900	92400	93810	1.30	8.0	16.3	
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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

Talat Mehmood
Lahore.

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

Client Reference: Nil

SOM Lab 5801 (Page-

Ref: 1/1)

Dated: 01-02-2022

Dated: 01-02-2022

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	1.484	6	0.745	0.44	0.436	18.57	21.63	93100	93950	108420	109420	1.00	8.0	12.5	
2	0.662	4	0.498	0.20	0.195	7.36	9.25	81160	83240	101960	104570	1.00	8.0	12.5	
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BEND TEST:

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

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