

Abuzar Amin

**Test Performed By:**

Dr. /Engr.

Asad Ali Gillani

Director New Era Group (Const. Of MCB Building At M.A Jinnah Rd,Okara)

**Client Reference:** NEG/HI/MCB/OKARA/22/002

**SOM Lab**

5657 (Page-

**Ref:**

1/1)

**Dated:** 12-01-2022

**Dated:**

12-01-2022

**Test:** Tension Test & Bend Test

**Test Specification:**

ASTM-A-615

**Gauge Length:** 8 inch

**Sample Type:**

Deformed Bar (Ittehad 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	1.521	6	0.754	0.44	0.447	15.72	20.13	78790	77560	100910	99330	1.20	8.0	15.0	
2	1.508	6	0.751	0.44	0.443	17.60	21.33	88240	87640	106890	106170	1.10	8.0	13.8	
3	0.640	4	0.489	0.20	0.188	5.50	8.15	60700	64580	89930	95670	1.20	8.0	15.0	
4	0.650	4	0.493	0.20	0.191	5.52	8.21	60930	63800	90490	94750	1.20	8.0	15.0	
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**BEND TEST:**

--	No Bend test performed	<b>Note:-</b>  Only Four 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.1 R.Y.Khan.(Estb Of Govt. Associates College For Boys, At Manthar R.Y.Khan)

**Client Reference:** 3054/RYK

**SOM Lab**

5658 (Page-

**Ref:**

1/2)

**Dated:** 01-01-2022

**Dated:**

12-01-2022

**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 <sup>2</sup>	in <sup>2</sup>	Tons	Tons	psi	psi	psi	psi	in	in	%	
1	2.695	8	1.004	0.79	0.792	25.71	35.09	71770	71590	97950	97710	1.30	8.0	16.3	
2	1.499	6	0.749	0.44	0.441	14.68	20.71	73580	73410	103830	103590	1.00	8.0	12.5	
3	0.663	4	0.498	0.20	0.195	6.42	8.85	70820	72640	97570	100070	1.10	8.0	13.8	
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**BEND TEST:**

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

Sub Divisional officer,

**Test Performed By:**

**Dr. /Engr.**

Asad Ali Gillani

BSD No.1 R.Y.Khan.(Const.Of Residences For Judicial Officers At Dist. R.Y.Khan)

**Client Reference:** 3052/RYK

**SOM Lab**

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**Ref:**

2/2)

**Dated:** 01-01-2022

**Dated:**

12-01-2022

**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 <sup>2</sup>	in <sup>2</sup>	Tons	Tons	psi	psi	psi	psi	in	in	%	
1	1.500	6	0.749	0.44	0.441	14.78	20.74	74090	73920	103980	103740	1.20	8.0	15.0	
2	0.660	4	0.497	0.20	0.194	6.44	8.79	71040	73240	96900	99890	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 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](http://www.uet-civil.edu.pk)

Sub Divisional officer,

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

HSD Skp(Re-Decking Of Bridge Over Gogera Branch Canal On Skp Sargodha Rd Near Farooqabad)

**Client Reference:** 548/Skp

**SOM Lab** 5659 (Page-

**Ref:** 1/1)

**Dated:** 24-12-2021

**Dated:** 12-01-2022

**Test:** Tension Test & Bend Test

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

**Gauge Length:** 8 inch

**Sample Type:** Deformed Bar (Pak 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	0.668	4	0.500	0.20	0.196	6.52	8.87	71940	73410	97800	99790	1.20	8.0	15.0	
2	0.668	4	0.500	0.20	0.196	6.52	8.89	71940	73410	98020	100020	1.10	8.0	13.8	
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**BEND TEST:**

# 4	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)

Executive Engineer,

**Test Performed By:**

**Dr. /Engr.**

Asad Ali Gillani

6Th Building Div Lahore.((ADP No 6689)(ADP No 160 ) (ADP No 161) For 2021-22.)

**Client Reference:** 1818/C

**SOM Lab**

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**Ref:**

1/1)

**Dated:** 10-01-2022

**Dated:**

12-01-2022

**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 <sup>2</sup>	in <sup>2</sup>	Tons	Tons	psi	psi	psi	psi	in	in	%	
1	1.484	6	0.745	0.44	0.436	15.04	18.71	75370	76060	93760	94620	1.20	8.0	15.0	
2	1.487	6	0.746	0.44	0.437	15.04	18.71	75370	75880	93760	94400	1.10	8.0	13.8	
3	0.664	4	0.498	0.20	0.195	6.85	8.82	75540	77480	97230	99730	1.00	8.0	12.5	
4	0.665	4	0.498	0.20	0.195	6.83	8.77	75320	77250	96670	99150	1.20	8.0	15.0	
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**BEND TEST:**

--	No Bend test performed	<b>Note:-</b>  Only Four 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)