

Engr. Muhammad Sajjad Arain
 RE ACE Consultants Lhr.(Const. of Lodhran-Multan Project Section (N-5))

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

Client Reference: RE/ACE/LMP/2021/131

Dated: 30-12-2021

SOM Lab Ref: CED/SOM/5601(Page-1/1)

Dated: 03-01-2022

Test: Tension Test & Bend Test

Test Specification: ASTM-A 615

Sample Type: M S Deformed Bar (Union Steel Karachi)

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	1.565	16	15.92	201	199	101.50	128.70	505	511	640	647	32.5	200	16.3	
2	1.542	16	15.81	201	196	102.20	128.20	508	521	638	653	30.0	200	15.0	
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BEND TEST:

16mm	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

Atta Farid

Test Performed By:

Dr. /Engr.

S.Asad Ali Gillani

RE Nespak.(Const. of Flyover At Jhall Rd Railway Crossing To Sahiwal City)

Client Reference: 4116/SED/AF/Sahiwal/2021/10

SOM Lab

5602 (Page-

Ref:

1/1)

Dated: 28-12-2021

Dated:

03-01-2022

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	2.600	8	0.986	0.79	0.764	23.00	28.20	64200	66390	78720	81400	1.10	8.0	13.8	
2	1.528	6	0.756	0.44	0.449	14.50	20.19	72660	71200	101220	99190	1.30	8.0	16.3	
3	0.673	4	0.502	0.20	0.198	6.49	8.80	71610	72330	97010	97990	1.00	8.0	12.5	
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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

Rana Sohail
AMS Engineer & Contractors Rahim Yar Khan.

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

Client Reference: Nil

SOM Lab 5603 (Page-

Ref: 1/1)

Dated: 03-01-2022

Dated: 03-01-2022

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 ²	in ²	Tons	Tons	psi	psi	psi	psi	in	in	%	
1	1.496	6	0.748	0.44	0.440	12.71	18.67	63720	63720	93610	93610	1.50	8.0	18.8	
2	0.662	4	0.498	0.20	0.195	6.85	8.94	75540	77480	98580	101110	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

Maj Adnan Khalid (R)

Test Performed By:

Dr. /Engr.

S. Asad Ali Gillani

Dy Dir MTL DHA Lhr,(Const. Of 18 Green Apartment Complex DRGCC DHA Ph-VI (M/s Construct)

Client Reference: 408/241/32/Lab/1-2/96&153

SOM Lab 5604 (Page-

Ref: 1/1)

Dated: 03-01-2022

Dated: 03-01-2022

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	2.633	8	0.993	0.79	0.774	27.73	38.28	77410	79010	106860	109070	1.40	8.0	17.5	
2	2.688	8	1.003	0.79	0.790	27.22	37.05	75980	75980	103450	103450	1.40	8.0	17.5	
3	1.494	6	0.748	0.44	0.439	13.22	18.27	66270	66420	91560	91770	1.40	8.0	17.5	
4	1.493	6	0.748	0.44	0.439	12.79	18.11	64130	64270	90800	91000	1.50	8.0	18.8	
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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	

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

Tauheed Mobashir Malik
C/O M/S Amanah Noor Residence Wapda Town, Lahore.

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

Client Reference: Nil

SOM Lab 5605 (Page-

Ref: 1/1)

Dated: 03-01-2022

Dated: 03-01-2022

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 ²	in ²	Tons	Tons	psi	psi	psi	psi	in	in	%	
1	2.633	8	0.993	0.79	0.774	23.80	35.63	66450	67830	99460	101520	1.50	8.0	18.8	
2	2.650	8	0.996	0.79	0.779	22.02	34.27	61470	62340	95680	97030	1.40	8.0	17.5	
3	1.481	6	0.744	0.44	0.435	17.53	23.65	87880	88890	118540	119900	1.10	8.0	13.8	
4	1.426	6	0.730	0.44	0.419	16.56	22.48	83030	87190	112660	118310	1.00	8.0	12.5	
5	0.623	4	0.483	0.20	0.183	6.22	8.61	68570	74940	94990	103810	1.00	8.0	12.5	
6	0.623	4	0.483	0.20	0.183	6.29	8.66	69360	75800	95550	104420	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

M/S Project Managers

Test Performed By:

Dr. /Engr.

S. Asad Ali Gillani

Allied Bank.(Project: Allied Bank Ltd Plot No.14 Block A3 Gulberg III Lahore.)

Client Reference: Nil

SOM Lab

5606 (Page-

Ref:

1/1)

Dated: 03-01-2022

Dated:

03-01-2022

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 ²	in ²	Tons	Tons	psi	psi	psi	psi	in	in	%	
1	2.557	8	0.978	0.79	0.751	26.47	32.79	73910	77750	91550	96300	1.50	8.0	18.8	
2	2.568	8	0.980	0.79	0.755	27.17	35.90	75840	79360	100230	104880	1.50	8.0	18.8	
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Witnessed By: M. Anas

BEND TEST:

# 8	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

Muhammad Zahid Hussain
 PE(Civil) DHA (Const. of SM Barrack-2 Sec S Ph-II,DHA Lahore)

Test Performed By: Dr. /Engr. Wasim Abbas

Client Reference: Lab Testing Steel/ /Maint

SOM Lab 5607 (Page-

Ref: 1/1)

Dated: 29-12-2021

Dated: 03-01-2022

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 ²	in ²	Tons	Tons	psi	psi	psi	psi	in	in	%	
1	1.551	6	0.762	0.44	0.456	14.29	20.19	71640	69120	101220	97670	1.00	8.0	12.5	
2	1.551	6	0.762	0.44	0.456	14.20	20.19	71180	68680	101220	97670	1.20	8.0	15.0	
3	0.652	4	0.494	0.20	0.192	7.49	10.50	82620	86060	115780	120610	1.30	8.0	16.3	
4	0.662	4	0.498	0.20	0.195	7.30	10.19	80490	82550	112410	115290	1.20	8.0	15.0	
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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

Sajjad Ali Memon

Test Performed By:

Dr. /Engr.

Wasim Abbas

RE Pillar & Sons.(Rumanza Golf & Country Club,DHA Multan)

Client Reference: P&S/OTH/GEN/00057

SOM Lab

5608 (Page-

Ref:

1/1)

Dated: 29-12-2021

Dated:

03-01-2022

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	0.657	4	0.496	0.20	0.193	6.20	8.80	68350	70830	97010	100530	1.30	8.0	16.3	
2	0.663	4	0.498	0.20	0.195	6.30	8.90	69470	71250	98130	100650	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

Majeed Associates
Lahore.(Project: Allied Bank Ltd Bahria Orchard Lahore)

Test Performed By: Dr. /Engr. Wasim Abbas

Client Reference: Nil

SOM Lab 5609 (Page-

Ref: 1/1)

Dated: 03-01-2022

Dated: 03-01-2022

Test: Tension Test & Bend Test

Test Specification: ASTM-A-615

Gauge Length: 8 inch

Sample Type: Deformed Bar (AFCO 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	2.633	8	0.993	0.79	0.774	23.60	32.50	65880	67240	90730	92600	1.60	8.0	20.0	
2	2.641	8	0.994	0.79	0.776	24.10	32.29	67280	68490	90160	91780	1.60	8.0	20.0	
3	1.483	6	0.745	0.44	0.436	14.20	20.40	71180	71830	102240	103180	1.30	8.0	16.3	
4	1.467	6	0.741	0.44	0.431	14.29	20.09	71640	73130	100710	102810	1.20	8.0	15.0	
5	1.062	5	0.630	0.31	0.312	11.09	14.29	78910	78400	101680	101020	1.30	8.0	16.3	
6	1.063	5	0.630	0.31	0.312	11.29	14.60	80360	79840	103850	103190	1.20	8.0	15.0	
7	0.663	4	0.498	0.20	0.195	6.49	8.40	71610	73440	92630	95000	1.00	8.0	12.5	
8	0.662	4	0.498	0.20	0.195	6.30	8.30	69470	71250	91500	93850	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

Engr. Tajammal Farooq

Test Performed By:

Dr. /Engr. S. Asad Ali Gillani

RE AZEA.(Const.Of Multi Purpose Complex At Quaid-E-Azam Business Park on Moterway,Skp)

Client Reference: RE/AZE/MPC-159

SOM Lab 5610 (Page-

Ref: 1/1)

Dated: 23-12-2021

Dated: 03-01-2022

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Gauge Length: 8 inch

Sample Type:

Deformed Bar (F.S.L)

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	2.204	8	0.908	0.79	0.648	25.29	34.39	70610	86080	96020	117060	0.90	8.0	11.3	
2	2.208	8	0.909	0.79	0.649	26.10	34.39	72850	88680	96020	116880	1.00	8.0	12.5	
3	1.515	6	0.753	0.44	0.445	14.00	18.70	70160	69370	93710	92660	1.50	8.0	18.8	
4	1.512	6	0.752	0.44	0.444	14.70	19.40	73680	73020	97230	96360	1.20	8.0	15.0	
5	0.664	4	0.498	0.20	0.195	8.40	9.80	92630	95000	108030	110800	1.00	8.0	12.5	
6	0.666	4	0.500	0.20	0.196	8.49	9.90	93640	95550	109150	111380	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

Ravi Construction Company
 Manager Procurement,Lahore.(SW Sugar Mills (Pvt.)Ltd-Sahiwal)

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

Client Reference: UET/RCC/001/22

SOM Lab Ref: 5611 (Page-1/1)

Dated: 03-01-2022

Dated: 03-01-2022

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 ²	in ²	Tons	Tons	psi	psi	psi	psi	in	in	%	
1	2.623	8	0.991	0.79	0.771	25.60	34.79	71460	73220	97130	99520	1.60	8.0	20.0	
2	1.496	6	0.748	0.44	0.440	13.60	18.99	68160	68160	95190	95190	1.50	8.0	18.8	
3	0.670	4	0.501	0.20	0.197	5.49	7.70	60590	61510	84870	86160	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
# 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

M/S Project Managers

Test Performed By:

Dr. /Engr.

S. Asad Ali Gillani

Allied Bank.(Project: Allied Bank Ltd Plot No.14 Block A3 Gulberg III Lahore.)

Client Reference: Nil

SOM Lab

5664 (Page-

Ref:

1/1)

Dated: 03-01-2022

Dated:

13-01-2022

Test: Wasim Abbas

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 ²	in ²	Tons	Tons	psi	psi	psi	psi	in	in	%	
1	1.488	6	0.746	0.44	0.437	14.70	18.80	73680	74190	94220	94870	1.10	8.0	13.8	
2	1.496	6	0.748	0.44	0.440	14.60	18.80	73170	73170	94220	94220	1.20	8.0	15.0	
3	0.654	4	0.494	0.20	0.192	6.49	8.90	71610	74590	98130	102220	1.10	8.0	13.8	
4	0.660	4	0.497	0.20	0.194	6.70	8.99	73850	76140	99150	102210	1.20	8.0	15.0	
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Witnessed By:

M. Anas (Officer Civil) ABL

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