

Super Sheikh Iron Store
Jhang Sadar

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

Client Reference: Nil

Dated : 09-06-2023

SOM Lab Ref: CED/SOM/2413(Page-1a/1)

Dated : 09-06-2023

Test: Tension Test & Bend Test

Test Specification: ASTM-A 615

Sample Type: Deformed Bar (Sheikhoo Steel)

Gauge Length: 200 m

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	m	%	
1	3.871	25	25.05	491	493	228.70	317.70	466	464	647	645	37.5	200	18.8	
2	0.992	12	12.68	113	126	56.50	74.00	500	448	654	586	32.5	200	16.3	
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BEND TEST:

25mm	Sample bend through 180 degrees Satisfactorily without any crack	Note:- Only Four Samples Received and Tested
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

Kiyani Brothers
Steel Dealers Islamabad.

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

Client Reference: Nil

Dated : 09-06-2023

SOM Lab Ref: CED/SOM/2414(Page-1a/1)

Dated : 09-06-2023

Test: Tension Test & Bend Test
Sample Type: Deformed Bar (Sheikhoo Steel)

Test Specification: ASTM-A 615
Gauge Length: 200 m

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	m	%	
1	1.579	16	16.00	201	201	102.70	131.20	511	511	653	653	30.0	200	15.0	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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BEND TEST:

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

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

Engr. Shoaib Iqbal

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

Asstt Engr. Civil, Uni Of Home Economics. (Const of Acadmic Block At Uni Of Home Economics Lahore)

Client Reference: UHE/EC/1396

SOM Lab

Ref: 2398 (Page-1/1)

Dated: 07-06-2023

Dated: 09-06-2023

Test: Tension Test & Bend Test
inc

Test Specification:

ASTM-A-615

Gauge Length: 8 h

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	2.654	8	0.997	0.79	0.780	23.85	33.64	66590	67450	93910	95120	1.50	8.0	18.8	
2	2.656	8	0.997	0.79	0.781	23.92	33.59	66790	67560	93770	94850	1.60	8.0	20.0	
3	1.524	6	0.755	0.44	0.448	13.81	19.16	69240	68000	96060	94340	1.50	8.0	18.8	
4	1.519	6	0.754	0.44	0.446	13.83	19.08	69340	68410	95650	94360	1.50	8.0	18.8	
5	0.672	4	0.501	0.20	0.197	5.30	7.34	58460	59350	80940	82170	1.20	8.0	15.0	
6	0.672	4	0.501	0.20	0.197	5.30	7.36	58460	59350	81160	82400	1.20	8.0	15.0	
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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

Mirza Khaizer Ali Baig
PM Haris & Co.(Const Of Ideal Filling Station Sargodha)

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

Client Reference: H&Co/IFS-KDR/01

SOM Lab

Ref: 2399 (Page1/1)

Dated: 09-06-2023

Dated: 09-06-2023

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

inc

Deformed

Gauge Length: 8 h

Sample Type:

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	1.027	5	0.620	0.31	0.302	10.77	12.92	76660	78690	91890	94320	1.30	8.0	16.3	
2	1.025	5	0.619	0.31	0.301	10.72	12.92	76300	78580	91890	94630	1.50	8.0	18.8	
3	0.673	4	0.502	0.20	0.198	6.37	8.15	70260	70970	89930	90840	1.00	8.0	12.5	
4	0.672	4	0.501	0.20	0.197	6.65	8.36	73290	74410	92180	93580	1.10	8.0	13.8	
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BEND TEST:

# 5	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

ENPLAN Pvt. Ltd

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

Lahore.(Const Of Corporat Tower at 15 Ali Block New GardenTown Lahore)

Client Reference: Nil

SOM Lab

Ref: 2401 (Page-1/2)

Dated: 08-06-2023

Dated: 09-06-2023

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

inc

Deformed

Gauge Length: 8 h

Sample Type:

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	2.715	8	1.008	0.79	0.798	23.04	33.56	64320	63670	93680	92750	1.30	8.0	16.3	
2	2.707	8	1.007	0.79	0.796	22.22	33.30	62040	61570	92970	92270	1.20	8.0	15.0	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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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

ENPLAN Pvt. Ltd

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

Lahore.(Const Of Corporat Tower at 15 Ali Block New GardenTown Lahore)

Client Reference: Nil

SOM Lab

Ref: 2401 (Page-2/2)

Dated: 08-06-2023

Dated: 09-06-2023

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

inc

Deformed

Gauge Length: 8 h

Sample Type:

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	2.644	8	0.995	0.79	0.777	22.50	34.15	62810	63860	95340	96930	1.40	8.0	17.5	14-04-23
2	2.609	8	0.988	0.79	0.767	22.53	33.94	62890	64780	94770	97610	1.30	8.0	16.3	14-04-23
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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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 Siddique
Head QA/AC AL-A ZAMIYYA BLOCK PHASE I Lahore.

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

Client Reference: Alz./ST/003

SOM Lab

Ref: 2402 (Page-1/1)

Dated: 09-06-2023

Dated: 09-06-2023

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

inc

Deformed

Gauge Length: 8 h

Sample Type:

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	2.607	8	0.988	0.79	0.766	23.72	32.13	66220	68300	89700	92510	1.40	8.0	17.5	
2	2.634	8	0.993	0.79	0.774	26.71	33.97	74560	76100	94820	96780	1.40	8.0	17.5	
3	0.672	4	0.501	0.20	0.197	6.34	8.33	69920	70990	91840	93240	1.10	8.0	13.8	
4	0.671	4	0.501	0.20	0.197	6.19	8.23	68230	69270	90720	92100	1.20	8.0	15.0	
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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

Enaara Developers
Lahore.

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

Client Reference: Nil

SOM Lab

Ref: 2403 (Page-1/1)

Dated: 09-06-2023

Dated: 09-06-2023

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Gauge Length: 8 h

Sample Type:

Deformed Bar (Batala Premium)

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	25.18	37.43	70290	71560	104500	106380	1.30	8.0	16.3	
2	2.684	8	1.002	0.79	0.789	23.82	34.93	66510	66590	97530	97650	1.30	8.0	16.3	
3	1.503	6	0.750	0.44	0.442	14.73	20.10	73830	73500	100760	100300	1.20	8.0	15.0	
4	1.499	6	0.749	0.44	0.441	14.29	19.80	71640	71470	99230	99000	1.20	8.0	15.0	
5	0.671	4	0.501	0.20	0.197	5.71	8.12	62950	63910	89590	90960	1.20	8.0	15.0	
6	0.667	4	0.500	0.20	0.196	5.63	8.12	62050	63320	89590	91420	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

Assistant Resident Engineer

Test Performed By:

Dr. /Engr. Asad Ali Gillani

JERS Consultancy (Pvt) Ltd.Lahore.(PCP Improvement and Construction Of Roads in MC,Muridke)

Client Reference: 488-J01-ARE-2(MDK-P)/28

SOM Lab

Ref: 2404 (Page-1/1)

Dated: 04-06-2023

Dated: 09-06-2023

Test: Tension Test & Bend Test
inc

Test Specification:

ASTM-A-615

Gauge Length: 8 h

Sample Type:

Deformed Bar
(Popular)

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	1.526	6	0.755	0.44	0.448	13.51	18.83	67700	66490	94370	92690	1.30	8.0	16.3	
2	1.523	6	0.755	0.44	0.448	13.68	19.06	68570	67350	95550	93840	1.40	8.0	17.5	
3	0.601	4	0.475	0.20	0.177	6.63	8.58	73070	82560	94650	106950	1.10	8.0	13.8	
4	0.667	4	0.500	0.20	0.196	6.70	8.77	73850	75360	96670	98650	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

Manohar Lal

Test Performed By: Dr. /Engr. Irfan UI Hassan

RE Nespak,Gujranwala(Const Of Dual Carriageway From GT Road to Lhr-Sialkot Motorway)

Client Reference: 103/EW/GRW/ML/Lab/02

SOM Lab

Ref: 2405 (Page-1/1)

Dated: 08-06-2023

Dated: 08-06-2023

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

inc

Deformed

Gauge Length: 8 h

Sample Type:

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	0.677	4	0.503	0.20	0.199	6.70	9.94	73850	74230	109600	110150	1.20	8.0	15.0	
2	0.676	4	0.503	0.20	0.199	6.42	9.79	70820	71180	107910	108460	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

Muhammad Irfan
ME Banu Mukhtar Contracting(Pvt.) Ltd.(Burj-1 By AJWA Builders)

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

Client Reference: DOC-BMC/AJWA/075

SOM Lab

Ref: 2406 (Page-1/1)

Dated: 09-06-2023

Dated: 09-06-2023

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

inc

Deformed Bar (SJ

Gauge Length: 8 h

Sample Type:

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	2.549	8	0.977	0.79	0.749	26.63	33.10	74330	78400	92400	97460	1.40	8.0	17.5	
2	2.655	8	0.997	0.79	0.780	25.54	33.35	71290	72200	93120	94310	1.50	8.0	18.8	
3	1.519	6	0.754	0.44	0.446	14.80	18.98	74190	73190	95140	93860	1.40	8.0	17.5	
4	1.498	6	0.748	0.44	0.440	14.60	18.88	73170	73170	94630	94630	1.60	8.0	20.0	
5	0.671	4	0.501	0.20	0.197	7.03	8.84	77560	78750	97460	98940	1.20	8.0	15.0	
6	0.671	4	0.501	0.20	0.197	6.95	8.89	76660	77830	98020	99510	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

Sub Divisional officer, Test Performed By: Dr. /Engr. Asad Ali Gillani
 Link Canal Sub Div Farooqabad.(Const Of New Q.B link Office Complex Residence and B/Wall)

Client Reference: 115/1-W SOM Lab
 Dated: 06-06-2023 Ref: 2407 (Page-1/1)
 Test: Tension Test & Bend Test Dated: 09-06-2023
 Gauge Length: 8 h Test Specification: 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	1.52 2	6	0.75 4	0.4 4	0.44 7	13.53	19.08	67810	66740	95650	94150	1.5 0	8. 0	18. 8	
2	0.67 2	4	0.50 1	0.2 0	0.19 7	5.20	7.90	57330	58200	87120	88450	1.2 0	8. 0	15. 0	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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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

Engr Shahzad Khurram Khan Test Performed By: Dr. /Engr. Asad Ali Gillani
 Osmani & Compny (Pvt) Ltd.(Sewer &W/Supply Networks at Main Arterial in AIC M-4 Moterway
 Fsd)

Client Reference: CRE/AIC-06/Lab/408

Dated: 07-06-2023

Test: Tension Test & Bend Test

Test Specification:

Gauge Length: 8 h

Sample Type:

SOM Lab

Ref: 2408 (Page-1/1)

Dated: 29-06-2023

ASTM-A-615

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	0.671	4	0.501	0.20	0.197	7.00	9.09	77230	78400	100270	101800	1.00	8.00	12.5	
2	0.673	4	0.502	0.20	0.198	6.44	8.36	71040	71760	92180	93110	1.20	8.00	15.0	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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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. Dahiya Qalbi Test Performed By: Dr. /Engr. Asad Ali Gillani
 Site Engineer Lahore.(200 Elementary School Buiding Lahore American School,Upper Mall Rd Lhr)

Client Reference: Nil
 Dated: 09-06-2023

SOM Lab
 Ref: 2409 (Page1/1)
 Dated: 09-06-2023

Test: Tension Test & Bend Test Test Specification: ASTM-A-615
 inc Deformed
 Gauge Length: 8 h Sample Type: 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	1.534	6	0.758	0.44	0.451	13.37	21.15	67040	65400	106020	103440	1.40	8.0	17.5	
2	1.534	6	0.758	0.44	0.451	13.46	21.12	67450	65800	105870	103290	1.20	8.0	15.0	
3	0.672	4	0.501	0.20	0.197	6.44	8.79	71040	72130	96900	98370	1.00	8.0	12.5	
4	0.669	4	0.501	0.20	0.197	6.42	8.77	70820	71900	96670	98140	1.10	8.0	13.8	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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

Al Rasheed Traders
Sargodha

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

Client Reference: Nil

SOM Lab

Ref: 2410 (Page1/1)

Dated: 09-06-2023

Dated: 09-06-2023

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Gauge Length: 8 h

Sample Type:

Deformed Bar (Sheikhoo 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	2.58 2	8	0.98 3	0.7 9	0.75 9	24.33	33.49	67930	70710	93490	97300	1.5 0	8. 0	18. 8	
2	1.48 6	6	0.74 6	0.4 4	0.43 7	14.02	18.67	70260	70740	93610	94250	1.3 0	8. 0	16. 3	
3	0.67 1	4	0.50 1	0.2 0	0.19 7	6.17	8.15	68010	69050	89930	91300	1.0 0	8. 0	12. 5	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
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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

Arif Mughal Traders
Narowal

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

Client Reference: Nil

SOM Lab

Ref: 2411 (Page1/1)

Dated: 09-06-2023

Dated: 09-06-2023

Test: Tension Test & Bend Test
inc

Test Specification:

ASTM-A-615

Gauge Length: 8 h

Sample Type:

Deformed Bar (Sheikhoo 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	1.496	6	0.748	0.44	0.440	14.44	19.42	72400	72400	97340	97340	1.30	8.0	16.3	
2	0.671	4	0.501	0.20	0.197	6.52	8.56	71940	73040	94420	95860	1.10	8.0	13.8	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

BEND TEST:

# 6	Sample bend through 180 degrees Satisfactorily without any crack	<p>Note:-</p> <p>Only Four Samples Received and Tested</p>
# 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

Noor Muhammad & Sons
Gujranwala

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

Client Reference: Nil

SOM Lab

Ref: 2412 (Page1/1)

Dated: 09-06-2023

Dated: 09-06-2023

Test: Tension Test & Bend Test
inc

Test Specification:

ASTM-A-615

Gauge Length: 8 h

Sample Type:

Deformed Bar (Sheikhoo 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	2.667	8	0.999	0.79	0.784	24.46	32.57	68300	68820	90920	91620	1.40	8.0	17.5	
2	1.484	6	0.745	0.44	0.436	14.83	19.13	74350	75030	95910	96790	1.20	8.0	15.0	
3	0.672	4	0.501	0.20	0.197	6.80	9.12	74980	76120	100610	102140	1.10	8.0	13.8	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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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	
# 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

Super Sheikh Iron Store
Jhang Sadar

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

Client Reference: Nil
Dated: 09-06-2023

SOM Lab
Ref: 2413 (Page1b/1)
Dated: 09-06-2023

Test: Tension Test & Bend Test
inc

Test Specification: ASTM-A-615

Gauge Length: 8 h

Sample Type:

Deformed Bar (Sheikhoo 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	1.497	6	0.748	0.44	0.440	14.48	18.78	72560	72560	94120	94120	1.30	8.0	16.3	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

BEND TEST:

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

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

Kiyani Brothers
Steel Dealers Islamabad.

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

Client Reference: Nil
Dated: 09-06-2023

SOM Lab
Ref: 2414 (Page1b/1)
Dated: 09-06-2023

Test: Tension Test & Bend Test
Gauge Length: 8 h

Test Specification:
Sample Type:

ASTM-A-615
Deformed Bar (Sheikhoo 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	2.61 2	8	0.98 9	0.7 9	0.76 8	25.03	33.33	69870	71870	93060	95720	1.3 0	8. 0	16. 3	
2	1.48 2	6	0.74 5	0.4 4	0.43 6	14.32	18.47	71790	72450	92590	93430	1.3 0	8. 0	16. 3	
3	0.66 8	4	0.50 0	0.2 0	0.19 6	6.37	8.63	70260	71690	95210	97150	1.2 0	8. 0	15. 0	
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-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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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

Madina Iron Store
Sheikhupura

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

Client Reference: Nil

SOM Lab

Ref: 2415 (Page1/1)

Dated: 09-06-2023

Dated: 09-06-2023

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Gauge Length: 8 h

Sample Type:

Deformed Bar (Sheikhoo 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	19.85	18.83	99480	100170	94370	95020	1.30	8.0	16.3	
2	0.672	4	0.501	0.20	0.197	5.30	7.34	58460	59350	80940	82170	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	

Kashif-UI-Haq ,RE Test Performed By: Dr. /Engr. Asad Ali Gillani
G3 Engg Consult.(Project: Strengthening & Expansion Of Uni of Gujrat & Allied Campus Narowal)

Client Reference: G3/UON-RE/304

SOM Lab

Ref: 2416 (Page-1/1)

Dated: 29-05-2023

Dated: 09-06-2023

Test: Tension Test & Bend Test
inc

Test Specification: ASTM-A-615
Deformed

Gauge Length: 8 h

Sample Type: 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	2.597	8	0.986	0.79	0.763	21.07	33.51	58830	60910	93540	96850	1.40	8.0	17.5	
2	2.576	8	0.982	0.79	0.757	21.15	33.69	59050	61630	94050	98150	1.50	8.0	18.8	
3	1.512	6	0.752	0.44	0.444	12.15	19.22	60910	60360	96320	95450	1.40	8.0	17.5	
4	1.509	6	0.751	0.44	0.443	12.28	19.34	61570	61160	96930	96270	1.20	8.0	15.0	
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BEND TEST:

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

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

Test Performed by: Dr. Asad Ali Gillani

Munwar Ali
ME/AMCORP
Engineering & Construction (Pvt.) Ltd
(Constructions Of ABL Proposed Commercial Building Sunder Industrial Plot # 12)

Client Reference No.: ABL-SIER-AMC-QAQC-08
SOM Lab Ref: CED/SOM/2400 (Page 1/1)

Dated: 09-06-2023
Dated: 09-06-2023

Test: Tensile Test

Sample Type: M.S Deformed Steel bar with Coupler

Tension Test Results

Sr. No.	Bar Size	Area	Ultimate Load	Ultimate stress	Remarks
	(mm)	(mm ²)	kN	(Mpa)	
1	20	314	129.5	412.5	Steel bar breaks at this load

Witness by: Munawar Ali (AMCORP)

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

