

Muhammad Tahir Nazeer

Test Performed By:

Dr. /Engr.

Numan Khurram

Dy Manager Civil,Nishat Denim.(Const of Denim Plant Unit-67 Bhikki-Sheikhupura)

1881 (Page-

1/2)

Client Reference: NML/Denim/016

SOM Lab Ref:

Dated: 03-03-2023

Dated:

03-03-2023

Test: Tension Test

Test Specification:

ASTM-A-615

Guage Length: 200 mm

Sample Type:

MS Def Bar (Siraj 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)				
	kg/m	mm	mm	mm ²	mm ²	kN	kN	MPa	MPa	MPa	MPa	mm	mm	%	
1	2.434	20	19.87	314	310	137.50	222.50	438	444	709	718	40.0	200	20.0	
2	2.367	20	19.60	314	302	136.70	215.70	435	454	687	716	40.0	200	20.0	
3	1.577	16	16.00	201	201	86.70	133.20	431	432	663	663	32.5	200	16.3	
4	1.554	16	15.87	201	198	85.70	130.70	426	434	650	661	35.0	200	17.5	
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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	

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

Muhammad Tahir Nazeer

Test Performed By:

Dr. /Engr.

Numan Khurram

Dy Manager Civil,Nishat Denim.(Const of Denim Plant Unit-67 Bhikki-Sheikhupura)

1881 (Page-

2/2)

Client Reference: NML/Denim/017

SOM Lab Ref:

Dated: 03-03-2023

Dated:

03-03-2023

Test: Tension Test

Test Specification:

ASTM-A-615

Guage Length: 200 mm

Sample Type:

MS Def Bar (Siraj 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)				
	kg/m	mm	mm	mm ²	mm ²	kN	kN	MPa	MPa	MPa	MPa	mm	mm	%	
1	1.004	12	12.77	113	128	54.50	84.00	482	426	743	657	37.5	200	18.8	
2	1.005	12	12.77	113	128	53.20	79.70	471	416	705	623	37.5	200	18.8	
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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

Naveed Ahmad
Asst Dir Lab DHA Bahawalpur Cantonment.(Resident Unit)

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

Client Reference: 530/QC/MTL

SOM Lab

Ref: 1880 (Page-1/2)

Dated: 08-03-2023

Dated: 08-03-2023

Test: Tension Test & Bend Test

Test Specification: ASTM-A-615

Gauge Length: 8 inch

Sample Type: Deformed Bar (Union 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	1.524	6	0.755	0.44	0.448	15.34	19.52	76900	75530	97850	96100	1.30	8.0	16.3	
2	0.673	4	0.502	0.20	0.198	7.10	8.43	78350	79140	92960	93900	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

Naveed Ahmad

Test Performed By:

Dr. /Engr.

Asad Ali Gillani

Asst Dir Lab DHA Bahawalpur Cantonment.(2 Marla Comerical Shop/projects)

Client Reference: 530/QC/MTL

SOM Lab

Ref:

1880 (Page-2/2)

Dated: 08-03-2023

Dated:

08-03-2023

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	1.479	6	0.744	0.44	0.435	13.32	18.67	66780	67550	93610	94680	1.50	8.0	18.8	
2	0.922	4	0.587	0.20	0.271	6.29	8.43	69360	51190	92960	68610	1.50	8.0	18.8	
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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

Qamar Uz Zaman

Test Performed By:

Dr. /Engr. Asad Ali Gillani

PM Aujla & Associates. (Masjid Usman G-Block O/head No.4 Royal Palm City Housing Scheme Guj)

Client Reference: Nil

SOM Lab

Ref: 1882 (Page-1/3)

Dated: 08-03-2023

Dated: 08-03-2023

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	2.612	8	0.989	0.79	0.768	21.33	33.84	59540	61240	94480	97190	1.50	8.0	18.8	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
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BEND TEST:

# 8	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

Qamar Uz Zaman

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

PM Aujla & Associates. (Masjid Usman G-Block O/head No.4 Royal Palm City Housing Scheme Guj)

Client Reference: Nil

SOM Lab

Ref: 1882 (Page-2/3)

Dated: 08-03-2023

Dated: 08-03-2023

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	1.491	6	0.747	0.44	0.438	12.20	19.49	61160	61440	97690	98140	1.60	8.0	20.0	
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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

Qamar Uz Zaman

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

PM Aujla & Associates. (Masjid Usman G-Block O/head No.4 Royal Palm City Housing Scheme Guj)

Client Reference: Nil

SOM Lab

Ref: 1882 (Page-3/3)

Dated: 08-03-2023

Dated: 08-03-2023

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	0.660	4	0.497	0.20	0.194	6.75	9.30	74420	76720	102520	105690	1.30	8.0	16.3	
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BEND TEST:

# 4	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

Ma Desheng

Test Performed By:

Dr. /Engr. Rizwan Riaz

PM State Grid CEPET.(500Kv D/C Transmission Line Nokhar S/S-Lahore North S/S-Lahore)

Client Reference: CET/ADB-301A/SEC-II/UET-23-976

SOM Lab

Ref: 1883 (Page-1/1)

Dated: 08-03-2023

Dated: 08-03-2023

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	2.627	8	0.991	0.79	0.772	25.10	34.88	70070	71700	97380	99650	1.30	8.0	16.3	
2	2.635	8	0.993	0.79	0.774	25.05	34.78	69920	71370	97100	99110	1.40	8.0	17.5	
3	1.494	6	0.748	0.44	0.439	12.76	17.84	63970	64120	89420	89620	1.40	8.0	17.5	
4	1.491	6	0.747	0.44	0.438	12.86	17.99	64480	64780	90180	90600	1.60	8.0	20.0	
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Witnessed By: Sohaib Ali (Sub-Engineer.NESPAK),Usama Ghafor (CET Engineer)

BEND TEST:

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

Bilal Imtiaz, RE

Test Performed By:

Dr. /Engr.

Asad Ali Gillani

ECSP Distt Jail Nankana Sahib.(Const Of District Jail Nankana Sahib)

Client Reference: 363/ECSP/NJ/RE/02

SOM Lab

Ref:

1884 (Page-1a/1)

Dated: 03-03-2023

Dated:

08-03-2023

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Gauge Length: 8 inch

Sample Type:

Deformed Bar (Moiz 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	2.670	8	1.000	0.79	0.785	26.22	34.20	73200	73660	95480	96090	1.50	8.0	18.8	
2	2.674	8	1.000	0.79	0.786	22.22	32.59	62040	62360	90980	91440	1.40	8.0	17.5	
3	1.517	6	0.754	0.44	0.446	14.12	20.31	70770	69820	101780	100410	1.40	8.0	17.5	
4	1.502	6	0.749	0.44	0.441	12.95	18.88	64890	64750	94630	94410	1.60	8.0	20.0	
5	0.673	4	0.502	0.20	0.198	5.71	8.18	62950	63590	90150	91060	1.30	8.0	16.3	
6	0.668	4	0.500	0.20	0.196	5.73	8.19	63180	64470	90270	92110	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

Bilal Imtiaz, RE

Test Performed By:

Dr. /Engr.

Asad Ali Gillani

ECSP Distt Jail Nankana Sahib.(Const Of District Jail Nankana Sahib)

Client Reference: 363/ECSP/NJ/RE/02

SOM Lab

Ref:

1884 (Page-1b/1)

Dated: 03-03-2023

Dated:

08-03-2023

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	2.670	8	1.000	0.79	0.785	25.18	34.96	70290	70740	97610	98230	1.50	8.0	18.8	
2	2.695	8	1.004	0.79	0.792	24.46	34.37	68300	68130	95960	95720	1.50	8.0	18.8	
3	1.504	6	0.750	0.44	0.442	16.38	20.69	82110	81740	103720	103250	1.40	8.0	17.5	
4	1.517	6	0.754	0.44	0.446	15.62	20.41	78280	77230	102290	100920	1.40	8.0	17.5	
5	0.673	4	0.502	0.20	0.198	6.12	9.04	67450	68130	99710	100710	1.10	8.0	13.8	
6	0.672	4	0.501	0.20	0.197	5.93	8.58	65420	66420	94650	96090	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

Bilal Imtiaz, RE

Test Performed By:

Dr. /Engr. Asad Ali Gillani

ECSP Distt Jail Nankana Sahib.(Const Of District Jail Nankana Sahib)

Client Reference: 363/ECSP/NJ/RE/02

SOM Lab

Ref: 1884 (Page-1c/1)

Dated: 03-03-2023

Dated: 08-03-2023

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Gauge Length: 8 inch

Sample Type:

Deformed Bar (Prime 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	2.672	8	1.000	0.79	0.785	19.16	31.09	53500	53840	86800	87350	1.50	8.0	18.8	
2	2.720	8	1.009	0.79	0.799	27.37	35.24	76410	75550	98380	97270	1.50	8.0	18.8	
3	1.514	6	0.753	0.44	0.445	10.67	10.91	53500	52900	54670	54060	1.30	8.0	16.3	
4	1.514	6	0.753	0.44	0.445	16.89	17.02	84670	83710	85330	84370	1.20	8.0	15.0	
5	0.670	4	0.501	0.20	0.197	4.59	6.60	50590	51360	72730	73840	1.20	8.0	15.0	
6	0.672	4	0.501	0.20	0.197	4.49	6.65	49460	50220	73290	74410	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

Premier Developer & Builders

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

Procurement Manager .(Lyalpur Galleria-II Near Four Season Colony Samundri Road,FSD)

Client Reference: LG-II/041

SOM Lab

Ref: 1885 (Page-1/2)

Dated: 07-03-2023

Dated: 08-03-2023

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	2.591	8	0.984	0.79	0.761	24.43	34.42	68220	70820	96100	99770	1.50	8.0	18.8	
2	0.673	4	0.502	0.20	0.198	6.37	8.99	70260	70970	99150	100150	1.30	8.0	16.3	
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BEND TEST:

# 8	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

Premier Developer & Builders

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

Procurement Manager .(Lyalpur Galleria-II Near Four Season Colony Samundri Road,FSD)

Client Reference: LG-II/042

SOM Lab

Ref: 1885 (Page-2/2)

Dated: 07-03-2023

Dated: 08-03-2023

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	2.601	8	0.986	0.79	0.764	24.79	34.53	69210	71570	96390	99670	1.40	8.0	17.5	
2	1.550	6	0.762	0.44	0.456	14.53	19.88	72810	70260	99640	96140	1.10	8.0	13.8	
3	0.672	4	0.501	0.20	0.197	7.24	10.11	79810	81030	111510	113210	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

