

Asif Nadeem Khawar,RE

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

Asian Consulting Engineers.(PRSWSSP Engg Design and Const.Supervision Of Cluster South-I)

Client Reference: AsCE/PRSWSSP/Cs/P-03/1002

SOM Lab

Ref: 3329 (Page-1/1)

Dated: 05-12-2023

Dated: 11-12-2023

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	1.439	6	0.734	0.44	0.423	14.12	20.71	70770	73610	103830	108000	1.00	8.0	12.5	
2	1.425	6	0.730	0.44	0.419	13.86	20.51	69490	72970	102800	107960	1.30	8.0	16.3	
3	1.036	5	0.622	0.31	0.304	9.73	13.20	69260	70630	93920	95770	1.50	8.0	18.8	
4	1.036	5	0.622	0.31	0.304	9.79	13.32	69620	71000	94790	96660	1.50	8.0	18.8	
5	0.664	4	0.498	0.20	0.195	6.54	8.99	72170	74020	99150	101690	1.20	8.0	15.0	
6	0.660	4	0.497	0.20	0.194	6.57	9.02	72510	74750	99480	102560	1.20	8.0	15.0	
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BEND TEST:

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

Engineer Muhammad Irfan
Asst Dir Infra. DHA Gujranwala.(Boundary Wall ,Sec G)

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

Client Reference: 111/15/DD/RS/Lab/BW/Pkg-2A/157

SOM Lab

Ref: 3330 (Page-1/1)

Dated: 09-12-2023

Dated: 11-12-2023

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	0.668	4	0.500	0.20	0.196	7.08	9.07	78130	79720	100050	102090	1.30	8.0	16.3	
2	0.668	4	0.500	0.20	0.196	6.80	9.04	74980	76510	99710	101740	1.40	8.0	17.5	
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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

Syed Zafar Haider Zaidi,RE

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

AZ Engg Associates Kharian.(Rehb Of Gujrat Sargodha Road,Section Gujrat City To Mungowal)

Client Reference: RE AZEA/GT-783

SOM Lab

Ref: 3331 (Page-1/1)

Dated: 14-10-2023

Dated: 11-12-2023

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	0.674	4	0.502	0.20	0.198	5.25	7.29	57890	58480	80370	81190	1.20	8.0	15.0	
2	0.671	4	0.501	0.20	0.197	5.27	7.26	58120	59000	80040	81260	1.50	8.0	18.8	
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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

Meezan Developers
Lahore.(Const Of Jamia Tur Rasheed Lahore Campus)

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

Client Reference: Nil

SOM Lab

Ref: 3333 (Page-1/1)

Dated: 11-12-2023

Dated: 11-12-2023

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	2.583	8	0.983	0.79	0.759	24.54	32.57	68500	71300	90920	94640	1.70	8.0	21.3	
2	2.578	8	0.982	0.79	0.758	24.03	32.28	67080	69910	90130	93930	1.50	8.0	18.8	
3	1.464	6	0.740	0.44	0.430	13.97	18.96	70000	71630	95040	97250	1.60	8.0	20.0	
4	1.463	6	0.740	0.44	0.430	14.14	18.88	70870	72520	94630	96830	1.50	8.0	18.8	
5	0.660	4	0.497	0.20	0.194	7.19	8.79	79250	81700	96900	99890	1.10	8.0	13.8	
6	0.665	4	0.498	0.20	0.195	8.18	9.70	90150	92460	107010	109760	1.00	8.0	12.5	
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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.Waqas Anwar,RE

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

Nespak Lahore.(Dev Of a Controlled Access Corridor Facility From Niazi Interchange to Babu Sabu)

Client Reference: 3772/103/NBI(P-I)/MWA/04/133

SOM Lab

Ref: 3334(Page-1/3)

Dated: 04-12-2023

Dated: 11-12-2023

Test: Tension Test & Bend Test

Test Specification: ASTM-A-615

Gauge Length: 8 inch

Sample Type: Deformed Bar (Aziz 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	2.650	8	0.996	0.79	0.779	24.18	39.04	67500	68460	108990	110530	1.30	8.0	16.3	
2	2.687	8	1.003	0.79	0.790	23.31	37.53	65090	65090	104780	104780	1.50	8.0	18.8	
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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

M.Waqas Anwar,RE

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

Nespak Lahore.(Dev Of a Controlled Access Corridor Facility From Niazi Interchange to Babu Sabu)

Client Reference: 3772/103/NBI(P-I)/MWA/04/132

SOM Lab

Ref: 3334(Page-2/3)

Dated: 04-12-2023

Dated: 11-12-2023

Test: Tension Test & Bend Test

Test Specification: ASTM-A-615

Gauge Length: 8 inch

Sample Type: Deformed Bar (Aziz 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	1.484	6	0.745	0.44	0.436	13.07	20.25	65510	66110	101530	102460	1.50	8.0	18.8	
2	1.498	6	0.748	0.44	0.440	13.12	20.41	65760	65760	102290	102290	1.40	8.0	17.5	
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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

M.Waqas Anwar,RE

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

Nespak Lahore.(Dev Of a Controlled Access Corridor Facility From Niazi Interchange to Babu Sabu)

Client Reference: 3772/103/NBI(P-I)/MWA/04/131

SOM Lab

Ref: 3334(Page-3/3)

Dated: 04-12-2023

Dated: 11-12-2023

Test: Tension Test & Bend Test

Test Specification: ASTM-A-615

Gauge Length: 8 inch

Sample Type: Deformed Bar (Aziz 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	0.663	4	0.498	0.20	0.195	6.14	9.38	67670	69410	103420	106070	1.20	8.0	15.0	
2	0.663	4	0.498	0.20	0.195	5.98	9.02	65990	67680	99480	102030	1.20	8.0	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. Muhammad Tariq Assai
 GM Jafris and Steele (Pvt) Ltd.(Construction of Al-Munawar residential)

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

Client Reference: Js80/505

SOM Lab

Ref: 3335 (Page-1/1)

Dated: 08-12-2023

Dated: 11-12-2023

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	2.595	8	0.986	0.79	0.763	26.04	36.36	72710	75290	101510	105100	1.50	8.0	18.8	
2	2.570	8	0.980	0.79	0.755	28.24	36.16	78830	82480	100940	105620	1.40	8.0	17.5	
3	1.454	6	0.737	0.44	0.427	15.85	20.25	79450	81870	101530	104620	1.20	8.0	15.0	
4	1.462	6	0.740	0.44	0.430	15.75	20.23	78940	80780	101420	103780	1.20	8.0	15.0	
5	1.044	5	0.625	0.31	0.307	11.37	14.55	80860	81650	103490	104500	1.20	8.0	15.0	
6	1.045	5	0.625	0.31	0.307	11.42	14.53	81230	82020	103340	104350	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	
# 5	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 Latif

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

UNICEF Office, Islamabad. (Const Of EPI Warehouse at Manga Mandi, Lahore)

Client Reference: ST-2023-02

SOM Lab

Ref: 3336 (Page-1/1)

Dated: 11-12-2023

Dated: 11-12-2023

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	0.664	4	0.498	0.20	0.195	6.70	8.94	73850	75750	98580	101110	1.30	8.0	16.3	
2	0.665	4	0.498	0.20	0.195	6.73	9.02	74190	76090	99480	102030	1.40	8.0	17.5	
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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