

Engr. Umar Malik

Test Performed By:

Dr. /Engr.

Wasim Abbas

P&C Engr.Ittefaq Building Solution (Pvt)Ltd.(Nisar Spinning Mills Cotton Godowns)

Client Reference: IBS/NSM/CG/S001

Dated: 31-08-2022

SOM Lab Ref: CED/SOM/861(Page-1/1)

Dated: 31-08-2022

Test: Tension Test & Bend Test

Test Specification: ASTM-A 615

Sample Type: Deformed Bar

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	3.875	25	25.08	491	494	269.20	343.20	548	545	699	695	37.5	200	18.8	
2	3.883	25	25.10	491	495	270.00	344.20	550	546	701	696	27.5	200	13.8	
3	2.447	20	19.92	314	312	199.00	232.00	633	639	738	745	25.0	200	12.5	
4	2.433	20	19.87	314	310	200.70	236.20	639	648	752	763	25.0	200	12.5	
5	1.543	16	15.82	201	197	85.50	120.20	425	436	598	612	35.0	200	17.5	
6	1.521	16	15.71	201	194	87.50	117.20	435	452	583	605	37.5	200	18.8	
7	1.005	12	12.77	113	128	69.70	87.50	616	545	774	684	27.5	200	13.8	
8	1.002	12	12.75	113	128	69.50	88.70	615	545	784	696	25.0	200	12.5	
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BEND TEST:

25mm	Sample bend through 180 degrees Satisfactorily without any crack	Note:- Only Twelve Samples Received and Tested
20mm	Sample bend through 180 degrees Satisfactorily without any crack	
16mm	Sample bend through 180 degrees Satisfactorily without any crack	
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

Major Bilal Khan Yousafzai
 HQ Pakistan Ranger (Punjab) Lahore.(Const Of OPD Block)

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

Client Reference: 2231/Works/1433

SOM Lab 854 (Page-

Ref: 1/1)

Dated: 26-08-2022

Dated: 06-09-2022

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	2.648	8	0.995	0.79	0.778	27.08	35.98	75610	76780	100460	102010	1.50	8.0	18.8	
2	2.659	8	0.997	0.79	0.781	26.91	35.78	75130	76000	99890	101040	1.50	8.0	18.8	
3	1.500	6	0.749	0.44	0.441	15.70	19.32	78690	78510	96830	96610	1.30	8.0	16.3	
4	1.495	6	0.748	0.44	0.439	15.70	19.29	78690	78870	96670	96890	1.20	8.0	15.0	
5	0.666	4	0.500	0.20	0.196	7.00	8.74	77230	78800	96340	98300	1.10	8.0	13.8	
6	0.667	4	0.500	0.20	0.196	6.93	8.58	76440	78000	94650	96580	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

Javid Iqbal
Riz Builders Lahore.(Din Plaza ,Johar Town Lahore)

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

Client Reference: Nil

SOM Lab 855 (Page-

Ref: 1/1)

Dated: 05-09-2022

Dated: 06-09-2022

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	2.634	8	0.993	0.79	0.774	29.77	36.21	83100	84820	101080	103170	1.00	8.0	12.5	
2	1.489	6	0.747	0.44	0.438	14.12	18.35	70770	71090	91970	92390	1.20	8.0	15.0	
3	0.642	4	0.491	0.20	0.189	5.93	9.09	65420	69230	100270	106110	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
# 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

Abid Mann
Construction Manager One Liberty Lahore.

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

Client Reference: OL/2022/09/02

SOM Lab 856 (Page-

Ref: 1/1)

Dated: 06-09-2022

Dated: 06-09-2022

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	2.690	8	1.004	0.79	0.791	22.83	38.30	63750	63670	106920	106780	1.20	8.0	15.0	
2	2.669	8	0.999	0.79	0.784	24.03	37.43	67080	67590	104500	105300	1.40	8.0	17.5	
3	1.555	6	0.763	0.44	0.457	13.88	22.04	69590	67000	110470	106360	1.20	8.0	15.0	
4	1.563	6	0.764	0.44	0.459	13.56	21.46	67960	65150	107560	103100	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	

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

Chief Executive Officer,

Test Performed By:

Dr. /Engr.

Asad Ali Gillani

Dist Health Authority, Jhang. (Estb Of 40 Bedded Gynae & Peds Block at THQ Hospital Ahmed Pur Sial)

Client Reference: 422/P&D

SOM Lab

857,860,862(P-

Ref:

1/1)

Dated: 05-09-2022

Dated:

06-09-2022

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	1.294	6	0.696	0.44	0.380	10.65	17.40	53400	61830	87220	100990	1.00	8.0	12.5	
2	0.603	4	0.475	0.20	0.177	4.15	6.07	45750	51700	66890	75580	1.10	8.0	13.8	
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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

Wasif Manzoor
Salman Developers.Lahore.(Park House)

Test Performed By: Dr. /Engr. Wasim Abbas

Client Reference: Nil

SOM Lab 858 (Page-

Ref: 1/1)

Dated: 06-09-2022

Dated: 06-09-2021

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	2.596	8	0.986	0.79	0.763	24.72	35.88	69010	71450	100170	103720	1.30	8.0	16.3	
2	2.599	8	0.986	0.79	0.764	23.87	33.69	66650	68920	94050	97260	1.50	8.0	18.8	
3	1.464	6	0.740	0.44	0.430	14.95	20.97	74960	76700	105100	107550	1.10	8.0	13.8	
4	1.462	6	0.740	0.44	0.430	15.06	21.15	75470	77220	106020	108490	1.10	8.0	13.8	
5	0.705	4	0.513	0.20	0.207	8.05	10.16	88800	85800	112070	108280	1.20	8.0	15.0	
6	0.697	4	0.511	0.20	0.205	7.92	10.09	87340	85210	111290	108570	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

Engr. Shahid Hussain

Test Performed By:

Dr. /Engr. Asad Ali Gillani

PD GC Uni Fsd(Const.Of Advance Studies Block; Day Care Center & Admin Deptt. At Main Campus)

Client Reference: GCUF/EC/4453

SOM Lab 864 (Page-

Ref: 1/2)

Dated: 07-07-2022

Dated: 06-09-2022

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	2.682	8	1.002	0.79	0.788	23.50	34.81	65600	65760	97190	97430	1.50	8.0	18.8	
2	2.655	8	0.997	0.79	0.780	23.11	34.05	64520	65340	95050	96270	1.60	8.0	20.0	
3	1.488	6	0.746	0.44	0.437	12.79	18.83	64130	64570	94370	95020	1.50	8.0	18.8	
4	1.495	6	0.748	0.44	0.439	12.69	19.08	63620	63760	95650	95870	1.60	8.0	20.0	
5	0.674	4	0.502	0.20	0.198	7.00	8.77	77230	78010	96670	97650	1.50	8.0	18.8	
6	0.675	4	0.502	0.20	0.198	7.03	8.79	77560	78350	96900	97880	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

Engr. Shahid Hussain

Test Performed By:

Dr. /Engr.

Asad Ali Gillani

PD GC Uni Fsd(Const.Of Dr Arif Ali Zaidi Block At Main Campus GCU Faisalabad)

Client Reference: GCUF/EC/4518

SOM Lab

864 (Page-

Ref:

2/2)

Dated: 10-08-2022

Dated:

06-09-2022

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	0.675	4	0.502	0.20	0.198	7.08	8.82	78130	78920	97230	98220	1.50	8.0	18.8	
2	0.672	4	0.501	0.20	0.197	6.98	8.99	77000	78170	99150	100660	1.30	8.0	16.3	
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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

Nasir Mahmood

Test Performed By:

Dr. /Engr.

Asad Ali Gillani

RE ESAC Sector K DHA Multan.(Sec K DHA Main Office & Gate House Building)

Client Reference: RE/ESAC/SECTOR K/223

SOM Lab

865 (Page-

Ref:

1/1)

Dated: 01-09-2022

Dated:

06-09-2022

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	1.488	6	0.746	0.44	0.437	13.30	18.93	66680	67140	94880	95540	1.00	8.0	12.5	
2	1.479	6	0.744	0.44	0.435	13.71	19.27	68730	69510	96570	97680	1.10	8.0	13.8	
3	0.671	4	0.501	0.20	0.197	6.22	8.63	68570	69620	95210	96660	1.40	8.0	17.5	
4	0.650	4	0.493	0.20	0.191	6.34	8.10	69920	73220	89370	93580	1.20	8.0	15.0	
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BEND TEST:

6 Sample bend through 180 degrees Satisfactorily without any crack

4 Sample bend through 180 degrees Satisfactorily without any crack

Note:-

Only Six 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. Asad Ali Gillani

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-22-684

SOM Lab 866 (Page-

Ref: 1/1)

Dated: 06-09-2022

Dated: 06-09-2022

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	2.671	8	1.000	0.79	0.785	25.66	33.69	71630	72090	94050	94650	1.30	8.0	16.3	
2	2.678	8	1.001	0.79	0.787	23.92	32.49	66790	67050	90700	91040	1.70	8.0	21.3	
3	0.664	4	0.498	0.20	0.195	5.91	8.15	65200	66870	89930	92230	1.30	8.0	16.3	
4	0.671	4	0.501	0.20	0.197	6.24	8.38	68800	69840	92400	93810	1.20	8.0	15.0	
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Witnessed By: Sohaib Ali (Sub Engr.NESPAK),Engr.Usama Ghafor (P.E,CET)

BEND TEST:

# 8	Sample bend through 180 degrees Satisfactorily without any crack	Note:- Only Eight Samples Received and Tested
# 8	Sample bend through 180 degrees Satisfactorily without any crack	
# 4	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

Test Performed by: .S. Asad Ali Gillani

Naseer Ahmad,
Director Reliance Engineering, Multan.
(Client –Parco)

Client Reference No.: RECS/Marketing/UET-CMS-001

Dated: 06-09-2022

SOM Lab Ref: CED/SOM/859 (Page 1/2)

Dated: 06-09-2022

Test Type: Load Test

Sample Type: Galvanized Scaffolding Joint

Load Test Results

Sample No.	Sample Type	Ultimate Breaking Load (kN)	Ultimate Breaking Load (Kg)	Remarks
1	Galvanized Scaffolding Joint (Tension)	53.7	5475	Coupler arrangement Detached from the nut

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

Test Performed by: .S. Asad Ali Gillani

Naseer Ahmad,
Director Reliance Engineering, Multan.
(Client –Parco)

Client Reference No.: RECS/Marketing/UET-CMS-001

Dated: 06-09-2022

SOM Lab Ref: CED/SOM/859 (Page 2/2)

Dated: 06-09-2022

Test Type: Load Test

Sample Type: MS Scaffolding Joint

Load Test Results

Sample No.	Sample Type	Ultimate Breaking Load (kN)	Ultimate Breaking Load (Kg)	Remarks
1	MS Scaffolding Joint (Tension)	32.7	3335	Coupler arrangement Detached from the nut

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

