

Executive Engineer,

HD,Khushab.(Dualization Of Sargodha Khushab Mianwali Rd In Distt Khushab Group-II)

Test Performed By: Dr. /Engr. Amina Rajpoot

Client Reference: 174/CB

Dated: 22-01-2022

Test: Tension Test & Bend Test

Gauge Length: 8 inch

SOM Lab 5874 (Page-

Ref: 1/1)

Dated: 15-02-2022

Test Specification: ASTM-A-615

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	2.503	8	0.968	0.79	0.736	17.58	26.96	49090	52690	75270	80800	1.40	8.0	17.5	
2	1.444	6	0.735	0.44	0.424	14.07	18.93	70510	73170	94880	98460	1.20	8.0	15.0	
3	0.627	4	0.484	0.20	0.184	6.65	8.61	73290	79670	94990	103250	1.00	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

Sub Divisional officer,

Test Performed By:

Dr. /Engr. Amina Rajpoot

HSD Bhera.(Rehabilitation/Widg And Improvement Of Shahpur Bhera Malikwal Rd L 76.50Km)

Client Reference: 54

SOM Lab 5875 (Page-

Ref: 1/1)

Dated: 17-01-2022

Dated: 15-02-2022

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	2.571	8	0.981	0.79	0.756	18.55	27.68	51800	54130	77270	80740	1.60	8.0	20.0	
2	1.450	6	0.736	0.44	0.426	13.15	19.24	65910	68080	96420	99590	1.20	8.0	15.0	
3	0.624	4	0.483	0.20	0.183	7.24	8.87	79810	87230	97800	106880	1.00	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

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/47/216

SOM Lab 5876 (Page-

Ref: 1/1)

Dated: 14-02-2022

Dated: 15-02-2022

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	0.655	4	0.494	0.20	0.192	6.47	8.53	71380	74360	94090	98010	1.10	8.0	13.8	
2	0.659	4	0.497	0.20	0.194	6.14	8.12	67670	69770	89590	92360	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

Muhammad Azeem ® Major
 RE ACES DHA Multan.(Dev Of Sector -T & B-1-DHA Multan)

Test Performed By: Dr. /Engr. Amina Rajpoot

Client Reference: RE/Sec-T&B1/Material /51

SOM Lab 5877 (Page-

Ref: 1/1)

Dated: 10-02-2022

Dated: 15-02-2022

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	0.666	4	0.500	0.20	0.196	6.47	9.14	71380	72840	100830	102890	1.00	8.0	12.5	
2	0.704	4	0.513	0.20	0.207	6.78	9.53	74750	72230	105100	101550	1.00	8.0	12.5	
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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

Ans Fareed
Civil Engineer Aadiyat Developers Lahore.

Test Performed By: Dr. /Engr. Amina Rajpoot

Client Reference: Nil

SOM Lab 5878 (Page-

Ref: 1/1)

Dated: 15-02-2022

Dated: 15-02-2022

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	1.649	6	0.786	0.44	0.485	16.56	21.63	83030	75330	108420	98360	1.00	8.0	12.5	
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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

Ma Desheng

Test Performed By:

Dr. /Engr.

Nauman Khuram

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

Client Reference: CET/ADB-301A/SEC-I/UET-22-318

SOM Lab

5879 (Page-

Ref:

1/2)

Dated: 14-02-2022

Dated:

15-02-2022

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	2.672	8	1.000	0.79	0.785	25.15	36.70	70210	70660	102450	103100	1.40	8.0	17.5	
2	2.599	8	0.986	0.79	0.764	24.13	34.05	67360	69650	95050	98290	1.30	8.0	16.3	
3	1.492	6	0.747	0.44	0.438	13.02	19.44	65250	65550	97440	97880	1.50	8.0	18.8	
4	1.488	6	0.746	0.44	0.437	12.97	19.27	65000	65440	96570	97230	1.40	8.0	17.5	
5	1.491	6	0.747	0.44	0.438	13.05	19.42	65400	65700	97340	97780	1.50	8.0	18.8	
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Witnessed By:

Basharat Ali (NESPAK)

BEND TEST:

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

Ma Desheng

Test Performed By:

Dr. /Engr.

Nauman Khuram

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-22-317

SOM Lab

5879 (Page-

Ref:

2/2)

Dated: 14-02-2022

Dated:

15-02-2022

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	2.648	8	0.995	0.79	0.778	26.27	34.22	73340	74470	95530	97010	1.60	8.0	20.0	
2	2.665	8	0.998	0.79	0.783	24.94	34.58	69640	70260	96530	97390	1.30	8.0	16.3	
3	2.639	8	0.994	0.79	0.776	24.82	34.35	69300	70550	95900	97630	1.40	8.0	17.5	
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Witnessed By: Basharat Ali (NESPAK)

BEND TEST:

# 8	Sample bend through 180 degrees Satisfactorily without any crack	Note:- Only Six Samples Received and Tested
# 8	Sample bend through 180 degrees Satisfactorily without any crack	
# 8	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. Abdul Qadeer Khan
Landmark Consultants, Lahore (Pakview Apartments)

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

Client Reference: CIV/172/14022022

SOM Lab Ref: 5880 (Page-1/1)

Dated: 15-02-2022

Dated: 15-02-2022

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	1.530	6	0.757	0.44	0.450	16.74	20.87	83900	82040	104590	102270	1.30	8.0	16.3	
2	1.530	6	0.757	0.44	0.450	16.84	20.95	84410	82530	105000	102670	1.20	8.0	15.0	
3	0.663	4	0.498	0.20	0.195	7.21	8.12	79470	81510	89590	91890	1.00	8.0	12.5	
4	0.662	4	0.498	0.20	0.195	6.95	7.95	76660	78630	87680	89930	1.00	8.0	12.5	
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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

Engr.Bilal
PM ASTACO .(Jahangir Muggo Residence-01)

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

Client Reference: Nil

SOM Lab 5881 (Page-

Ref: 1/1)

Dated: 15-02-2022

Dated: 15-02-2022

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	2.628	8	0.991	0.79	0.772	24.59	33.15	68640	70240	92550	94700	1.60	8.0	20.0	
2	2.630	8	0.992	0.79	0.773	24.49	32.95	68360	69860	91980	94000	1.40	8.0	17.5	
3	1.482	6	0.745	0.44	0.436	16.64	20.92	83390	84150	104850	105810	1.60	8.0	20.0	
4	1.484	6	0.745	0.44	0.436	16.97	21.05	85070	85860	105510	106480	1.00	8.0	12.5	
5	0.658	4	0.496	0.20	0.193	6.70	8.69	73850	76530	95770	99250	1.10	8.0	13.8	
6	0.652	4	0.494	0.20	0.192	7.44	8.97	82060	85480	98920	103040	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

Barkallah Tahir, PE
 RE Sitara Heights. (Sitara Serene Tower Liberty Lahore)

Test Performed By: Dr. /Engr. Amina Rajpoot

Client Reference: SHPL/SERENE/LHR/02

SOM Lab 5883 (Page-

Ref: 1/2)

Dated: 15-02-2022

Dated: 15-02-2022

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	2.625	8	0.991	0.79	0.771	24.31	31.72	67870	69550	88560	90750	1.60	8.0	20.0	
2	2.608	8	0.988	0.79	0.766	23.14	31.04	64600	66630	86660	89370	1.40	8.0	17.5	
3	1.516	6	0.754	0.44	0.446	14.75	19.11	73940	72940	95800	94520	1.30	8.0	16.3	
4	1.505	6	0.750	0.44	0.442	14.65	18.98	73430	73090	95140	94710	1.10	8.0	13.8	
5	0.644	4	0.491	0.20	0.189	5.71	8.41	62950	66620	92740	98140	1.40	8.0	17.5	
6	0.641	4	0.489	0.20	0.188	5.78	8.38	63740	67810	92400	98300	1.40	8.0	17.5	
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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

Barkallah Tahir,PE

Test Performed By:

Dr. /Engr.

Amina Rajpoot

RE Sitara Heights.(Sitara 3-Jays Tower Firdous Market Lahore)

Client Reference: SHPL/3JAYS/LHR/03

SOM Lab

5883 (Page-

Ref:

2/2)

Dated: 15-02-2022

Dated:

15-02-2022

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	2.727	8	1.010	0.79	0.801	24.67	33.61	68870	67920	93830	92540	1.50	8.0	18.8	
2	2.701	8	1.005	0.79	0.794	26.76	34.73	74700	74330	96960	96470	1.30	8.0	16.3	
3	1.479	6	0.744	0.44	0.435	15.70	19.37	78690	79590	97080	98200	1.30	8.0	16.3	
4	1.486	6	0.746	0.44	0.437	15.29	18.96	76640	77170	95040	95690	1.30	8.0	16.3	
5	0.649	4	0.493	0.20	0.191	5.81	8.33	64080	67090	91840	96170	1.50	8.0	18.8	
6	0.646	4	0.492	0.20	0.190	5.81	8.28	64080	67450	91280	96080	1.40	8.0	17.5	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

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

Imran Khan

Test Performed By:

Dr. /Engr.

Amina Rajpoot

CEO Crust Building Pvt.Ltd.(Boiler Pit Project- Fauji Fresh n Freeze Ltd Sahiwal)

Client Reference: Crust/FFFL/01

SOM Lab

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Ref:

1/1)

Dated: 14-02-2022

Dated:

15-02-2022

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	0.668	4	0.500	0.20	0.196	7.24	9.19	79810	81440	101390	103460	1.00	8.0	12.5	
2	0.679	4	0.505	0.20	0.200	7.44	9.30	82060	82060	102520	102520	1.20	8.0	15.0	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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