Engr. Rehan Ashraf **Test Performed By:** **Dr. /Engr.** Asad Ali Gillani

CEO Raft Const.Company.(Const of Guest House & Yarn Godown MSM Unit Pholnagar)

Client Reference: Nil **SOM Lab Ref:** 1849 (Page-1/1)

Dated: 02-03-2023 **Dated:** 02-03-2023

Test: Tension Test & Bend Test **Test Specification:** ASTM-A-615

Gauge Length: 8 inch **Sample Type:** Deformed Bar (AFCO 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	1.088	5	0.638	0.31	0.320	11.47	15.31	81590	79040	108930	105520	1.20	8.0	15.0	
2	1.085	5	0.637	0.31	0.319	11.13	14.95	79200	76960	106390	103390	1.10	8.0	13.8	
3	0.672	4	0.501	0.20	0.197	6.57	8.94	72510	73610	98580	100080	1.30	8.0	16.3	
4	0.675	4	0.502	0.20	0.198	6.73	9.12	74190	74940	100610	101620	1.10	8.0	13.8	
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BEND TEST:

# 5	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

Engr. Major Zia-Ul-Islam ® **Test Performed By:** **Dr. /Engr.** Asad Ali Gillani

PD GCC,Overseas Const.Co, Lahore.(Project Gulberg City Cerntre, Lahore)

Client Reference: OCC/Steel/35 **SOM Lab Ref:** 1850 (Page-1/2)

Dated: 02-03-2023 **Dated:** 02-03-2023

Test: Tension Test & Bend Test **Test Specification:** ASTM-A-615

Gauge Length: 8 inch **Sample Type:** Deformed Bar (SJ 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	1.489	6	0.747	0.44	0.438	14.85	18.47	74450	74790	92590	93010	1.40	8.0	17.5	
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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

Engr. Major Zia-Ul-Islam ® **Test Performed By:** **Dr. /Engr.** Asad Ali Gillani

PD GCC,Overseas Const.Co, Lahore.(Project Gulberg City Cerntre, Lahore)

Client Reference: OCC/Steel/34 **SOM Lab Ref:** 1850 (Page-2/2)

Dated: 02-03-2023 **Dated:** 02-03-2023

Test: Tension Test & Bend Test **Test Specification:** ASTM-A-615

Gauge Length: 8 inch **Sample Type:** Deformed Bar (SJ 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	2.651	8	0.996	0.79	0.779	27.80	34.56	77610	78700	96470	97840	1.20	8.0	15.0	
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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

Executive Engineer **Test Performed By:** **Dr. /Engr.** Asad Ali Gillani

Ghazi University,D.G Khan.(Const Of Security room at City Campus,Ghazi Uni,Dera Ghazi Khan)

SOM Lab

Client Reference: GU-DGK/XEN/23/81 **Ref:** 1851 (Page-1/2)

Dated: 27-02-2023 **Dated:** 02-03-2023

Test: Tension Test & Bend Test **Test Specification:** ASTM-A-615

Gauge Length: 8 inch **Sample Type:** Deformed Bar (Mughal Supreme)

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	15.80	19.90	79200	80110	99740	100880	1.20	8.0	15.0	
2	1.488	6	0.746	0.44	0.437	16.31	20.10	81750	82310	100760	101450	1.20	8.0	15.0	
3	0.652	4	0.494	0.20	0.192	6.92	8.48	76330	79510	93530	97420	1.10	8.0	13.8	
4	0.661	4	0.497	0.20	0.194	7.14	9.07	78690	81120	100050	103140	1.00	8.0	12.5	
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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

Executive Engineer **Test Performed By:** **Dr. /Engr.** Asad Ali Gillani

Ghazi University,D.G Khan.(Const Of Student Facilitation & I.T Center at City Campus,GU,D.G Khan)

Client Reference: GU-DGK/XEN/23/83 **SOM Lab Ref:** 1851 (Page-2/2)

Dated: 27-02-2023 **Dated:** 02-03-2023

Test: Tension Test & Bend Test **Test Specification:** ASTM-A-615

Gauge Length: 8 inch **Sample Type:** Deformed Bar (Mughal Supreme)

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	1.482	6	0.745	0.44	0.436	15.92	19.98	79810	80540	100150	101070	1.20	8.0	15.0	
2	1.490	6	0.747	0.44	0.438	16.26	20.03	81500	81870	100400	100860	1.10	8.0	13.8	
3	0.655	4	0.494	0.20	0.192	6.85	8.38	75540	78690	92400	96250	1.10	8.0	13.8	
4	0.656	4	0.496	0.20	0.193	7.05	8.66	77790	80610	95550	99010	1.00	8.0	12.5	
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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

Sub Divisional officer, **Test Performed By:** **Dr. /Engr.** Asad Ali Gillani

HSD Haroonabad.(Rehb Of Rd from Chishtian to Haroonabad Via Pull Murad L 26.40KM Distt Bwn)

Client Reference: 670/HR **SOM Lab Ref:** 1852 (Page-1/1)

Dated: 02-01-2023 **Dated:** 02-03-2023

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	2.727	8	1.010	0.79	0.801	25.25	35.19	70490	69520	98240	96890	1.60	8.0	20.0	
2	2.677	8	1.001	0.79	0.787	25.15	35.12	70210	70480	98040	98410	1.60	8.0	20.0	
3	1.490	6	0.747	0.44	0.438	13.88	19.52	69590	69910	97850	98290	1.60	8.0	20.0	
4	1.504	6	0.750	0.44	0.442	13.99	19.54	70100	69790	97950	97510	1.60	8.0	20.0	
5	0.668	4	0.500	0.20	0.196	6.37	8.97	70260	71690	98920	100940	1.40	8.0	17.5	
6	0.666	4	0.500	0.20	0.196	6.42	9.12	70820	72270	100610	102660	1.20	8.0	15.0	
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BEND TEST:

# 8	Sample bend through 180 degrees Satisfactorily without any crack
# 6	Sample bend through 180 degrees Satisfactorily without any crack
# 4	Sample bend through 180 degrees Satisfactorily without any crack

Note:-

Only Nine Samples Received and Tested

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

Brother Steel
Lahore.

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

Client Reference: Nil
Dated: 02-03-2023

SOM Lab Ref: 1853 (Page-1/1)
Dated: 02-03-2023

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

Test Specification: ASTM-A-615
Sample Type: Deformed Bar (ICON Karachi)

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	0.665	4	0.498	0.20	0.195	6.17	9.33	68010	69750	102860	105490	1.30	8.0	16.3	
2	0.666	4	0.500	0.20	0.196	6.22	9.38	68570	69970	103420	105530	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

Wasif Manzoor

salman developers. (Park House Apartments)

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

Client Reference: Nil

Dated: 02-03-2023

SOM Lab Ref: 1854 (Page-1/1)

Dated: 02-03-2023

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	2.654	8	0.997	0.79	0.780	27.65	34.48	77180	78170	96250	97480	1.60	8.0	20.0	
2	2.682	8	1.002	0.79	0.788	30.38	36.70	84810	85020	102450	102710	1.50	8.0	18.8	
3	1.519	6	0.754	0.44	0.446	15.97	19.64	80070	78990	98460	97140	1.40	8.0	17.5	
4	1.493	6	0.748	0.44	0.439	15.49	19.32	77670	77840	96830	97050	1.40	8.0	17.5	
5	0.598	4	0.473	0.20	0.176	6.68	8.38	73630	83670	92400	105000	1.20	8.0	15.0	
6	0.645	4	0.492	0.20	0.190	6.65	8.28	73290	77150	91280	96080	1.30	8.0	16.3	
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BEND TEST:

# 8	Sample bend through 180 degrees Satisfactorily without any crack
# 6	Sample bend through 180 degrees Satisfactorily without any crack
# 4	Sample bend through 180 degrees Satisfactorily without any crack

Note:-

Only Nine Samples Received and Tested

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

ACE-Arts (Consultants) **Test Performed By:** **Dr. /Engr.** Asad Ali Gillani

RE ACE Ltd UAEET Sambrial,Sialkot.(Estb Of UAEET Sambrial,Sialkot)

Client Reference: ER/UAEET/ACE/2023/198 **SOM Lab Ref:** 1855 (Page-1a/1)

Dated: 02-03-2023 **Dated:** 12-03-2023

Test: Tension Test & Bend Test **Test Specification:** ASTM-A-615

Gauge Length: 8 inch **Sample Type:** Deformed Bar (AF 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	1.523	6	0.755	0.44	0.448	13.93	19.59	69850	68600	98210	96450	1.20	8.0	15.0	
2	1.541	6	0.759	0.44	0.453	13.51	19.22	67700	65760	96320	93550	1.20	8.0	15.0	
3	0.673	4	0.502	0.20	0.198	6.52	8.28	71940	72670	91280	92200	0.90	8.0	11.3	
4	0.669	4	0.501	0.20	0.197	6.68	8.56	73630	74750	94420	95860	1.00	8.0	12.5	
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Witnessed By: Rana Azeem (ACE Inspector)

BEND TEST:

# 6	Sample bend through 180 degrees Satisfactorily without any crack
# 4	Sample bend through 180 degrees Satisfactorily without any crack

Note:-

Only Nine Samples Received and Tested

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

Ahsan Zubair **Test Performed By:** **Dr. /Engr.** Asad Ali Gillani

RE Nespak Lahore.(Const Of Underpass at Samanabad Morr)

Client Reference: 4403/03/AZ/Lab/Steel-31 **SOM Lab Ref:** 1856 (Page-1/2)

Dated: 28-02-2023 **Dated:** 02-03-2023

Test: Tension Test & Bend Test **Test Specification:** ASTM-A-615

Gauge Length: 8 inch **Sample Type:** Deformed Bar (SJ 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	1.565	6	0.765	0.44	0.460	15.57	19.67	78020	74630	98610	94330	1.30	8.0	16.3	
2	1.566	6	0.765	0.44	0.460	15.51	19.67	77770	74390	98610	94330	1.50	8.0	18.8	
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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

Ahsan Zubair **Test Performed By:** **Dr. /Engr.** Asad Ali Gillani

RE Nespak Lahore.(Const Of Underpass at Samanabad Morr)

Client Reference: 4403/03/AZ/Lab/Steel-33 **SOM Lab Ref:** 1856 (Page-2/2)

Dated: 02-03-2023 **Dated:** 02-03-2023

Test: Tension Test & Bend Test **Test Specification:** ASTM-A-615

Gauge Length: 8 inch **Sample Type:** 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	1.488	6	0.746	0.44	0.437	13.20	18.35	66170	66620	91970	92600	1.50	8.0	18.8	
2	1.495	6	0.748	0.44	0.439	13.27	18.40	66530	66680	92230	92440	1.30	8.0	16.3	
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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