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

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

SOM Lab

Client Reference: OCC/Steel/31 **Ref:** 1659 (Page-1/2)

Dated: 27-01-2023 **Dated:** 27-01-2023

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

Gauge Length: 8 inch **Sample Type:** Deformed Bar (Ravi 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	1.500	6	0.749	0.44	0.441	13.76	19.59	68980	68820	98210	97980	1.20	8.0	15.0	
2	0.531	4	0.446	0.20	0.156	4.15	5.91	45750	58660	65200	83590	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 Four Samples Received and Tested

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

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

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

SOM Lab

Client Reference: OCC/Steel/30 **Ref:** 1659 (Page-2/2)

Dated: 27-01-2023 **Dated:** 27-01-2023

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

Gauge Length: 8 inch **Sample Type:** Deformed Bar (Batala Premium)

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	2.600	8	0.986	0.79	0.764	24.94	36.00	69640	72010	100510	103940	1.30	8.0	16.3	
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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

Asstt: Executive Engr-I **Test Performed By:** **Dr. /Engr.** Asad Ali Gillani

CCD-I Pak PWD Lhr.(Const of New ayesha Hostel at Pas Campus at Civil Services,Lahore)

Client Reference: AEE-I/CCD-I/LHR/229-D **SOM Lab Ref:** 1660 (Page-1/1)

Dated: 28-04-2022 **Dated:** 27-01-2023

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

Gauge Length: 8 inch **Sample Type:** 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	2.674	8	1.000	0.79	0.786	26.32	35.49	73480	73850	99090	99600	1.50	8.0	18.8	
2	1.496	6	0.748	0.44	0.440	14.68	19.75	73580	73580	98970	98970	1.40	8.0	17.5	
3	1.063	5	0.630	0.31	0.312	10.60	13.78	75420	74940	98050	97420	1.20	8.0	15.0	
4	0.668	4	0.500	0.20	0.196	6.22	8.97	68570	69970	98920	100940	0.80	8.0	10.0	
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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
# 5	Sample bend through 180 degrees Satisfactorily without any crack
# 4	Sample bend through 180 degrees Satisfactorily without any crack

Note:-

Only Eight Samples Received and Tested

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

Awais Jafer
Director Core Construction Service,Sambrial

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

Client Reference: Nil
Dated: 27-01-2023

SOM Lab Ref: 1661 (Page-1/1)
Dated: 27-01-2023

Test: Tension Test & Bend Test
Test Specification: ASTM-A-615 Deformed
Gauge Length: 8 inch
Sample Type: 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	1.527	6	0.756	0.44	0.449	14.02	21.07	70260	68850	105610	103500	1.20	8.0	15.0	
2	1.528	6	0.756	0.44	0.449	14.17	20.97	71020	69600	105100	103000	1.10	8.0	13.8	
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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

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

RE Orbit Housing.Lahore.(The Springs Apartment Homes)

SOM Lab

Client Reference: Nil **Ref:** 1662 (Page-1/1)

Dated: 27-01-2023 **Dated:** 27-01-2023

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

Gauge Length: 8 inch **Sample Type:** 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	2.578	8	0.982	0.79	0.758	22.58	32.64	63040	65700	91120	94970	1.40	8.0	17.5	
2	2.573	8	0.981	0.79	0.756	22.60	32.48	63090	65930	90670	94750	1.30	8.0	16.3	
3	1.502	6	0.749	0.44	0.441	14.93	20.46	74860	74690	102550	102320	1.30	8.0	16.3	
4	1.485	6	0.745	0.44	0.436	14.73	20.13	73830	74510	100910	101840	1.30	8.0	16.3	
5	0.667	4	0.500	0.20	0.196	7.36	9.73	81160	82820	107350	109540	1.10	8.0	13.8	
6	0.663	4	0.498	0.20	0.195	8.21	10.60	90490	92810	116910	119900	1.00	8.0	12.5	
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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

Beacon Impex Pvt Ltd. **Test Performed By:** **Dr. /Engr.** Irfan Ul Hassan
Faisalabad.(Const Of Effluent Treatment Plant at Beacon Impex)

Client Reference: B-I/Civil/23-2 **SOM Lab Ref:** 1663 (Page-1/2)
Dated: 27-01-2023 **Dated:** 27-01-2023

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	2.579	8	0.982	0.79	0.758	22.94	32.52	64030	66740	90780	94610	1.20	8.0	15.0	
2	2.598	8	0.986	0.79	0.763	23.24	31.88	64890	67180	88990	92140	1.30	8.0	16.3	
3	1.491	6	0.747	0.44	0.438	15.80	21.30	79200	79560	106790	107280	1.20	8.0	15.0	
4	1.473	6	0.743	0.44	0.433	13.15	18.42	65910	66980	92330	93820	1.40	8.0	17.5	
5	0.674	4	0.502	0.20	0.198	6.32	8.72	69700	70400	96110	97080	1.20	8.0	15.0	
6	0.719	4	0.518	0.20	0.211	6.22	8.99	68570	65000	99150	93980	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

Beacon Impex Pvt Ltd. **Test Performed By:** **Dr. /Engr.** Irfan Ul Hassan
Faisalabad.(Const Of Multistorey Bldg For Spinning For Extension at Beacon Impex)

Client Reference: B-I/Civil/23-1 **SOM Lab Ref:** 1663 (Page-2/2)
Dated: 27-01-2023 **Dated:** 27-01-2023
Test: Tension Test & Bend Test **Test Specification:** ASTM-A-615
Gauge Length: 8 inch **Sample Type:** Deformed Bar (Sheikhoo 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	1.486	6	0.746	0.44	0.437	14.88	20.36	74600	75110	102040	102740	1.20	8.0	15.0	
2	1.486	6	0.746	0.44	0.437	14.58	20.25	73070	73570	101530	102220	1.20	8.0	15.0	
3	0.606	4	0.476	0.20	0.178	6.12	7.70	67450	75780	84870	95360	1.40	8.0	17.5	
4	0.590	4	0.469	0.20	0.173	5.58	7.61	61490	71090	83970	97080	1.30	8.0	16.3	
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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

Wajid Mehmood **Test Performed By:** **Dr. /Engr.** Irfan Ul Hassan

RE Nespak Lhr.(Const Of LDA City Naya Pakistan Apartments Lahore Part-I & IV)

Client Reference: 4047/13/WN/09-I-IV/33 **SOM Lab Ref:** 1664 (Page-1/1)

Dated: 26-01-2023 **Dated:** 27-01-2023

Test: Tension Test & Bend Test **Test Specification:** ASTM-A-615 Deformed Bar (AF Steel)

Gauge Length: 8 inch **Sample Type:**

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	25.99	36.46	72570	73030	101800	102440	1.20	8.0	15.0	
2	2.709	8	1.007	0.79	0.796	27.01	35.95	75420	74850	100370	99620	1.30	8.0	16.3	
3	1.523	6	0.755	0.44	0.448	14.68	19.11	73580	72270	95800	94090	1.20	8.0	15.0	
4	1.520	6	0.754	0.44	0.447	14.70	19.32	73680	72530	96830	95310	1.10	8.0	13.8	
5	1.034	5	0.622	0.31	0.304	12.03	14.27	85580	87270	101530	103540	1.00	8.0	12.5	
6	1.036	5	0.622	0.31	0.304	12.03	14.90	85580	87270	106030	108120	0.90	8.0	11.3	
7	0.651	4	0.493	0.20	0.191	6.73	8.48	74190	77690	93530	97930	0.80	8.0	10.0	
8	0.662	4	0.498	0.20	0.195	6.85	8.61	75540	77480	94990	97420	1.00	8.0	12.5	
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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
# 5	Sample bend through 180 degrees Satisfactorily without any crack
# 4	Sample bend through 180 degrees Satisfactorily without any crack

Note:-

Only Twelve Samples Received and Tested

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

Waqas Ali
Variant Gulberg 2, Lahore.

Test Performed By: **Dr. /Engr.** Irfan Ul Hassan

Client Reference: VA/29/60
Dated: 27-01-2023

SOM Lab Ref: 1665 (Page-2/2)
Dated: 27-01-2023

Test: Tension Test & Bend Test
Test Specification: ASTM-A-615 Deformed
Gauge Length: 8 inch
Sample Type: 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	1.478	6	0.743	0.44	0.434	15.39	19.83	77160	78220	99380	100750	1.20	8.0	15.0	
2	1.484	6	0.745	0.44	0.436	16.11	20.29	80730	81470	101680	102610	1.10	8.0	13.8	
3	0.663	4	0.498	0.20	0.195	6.88	8.66	75880	77820	95550	98000	1.10	8.0	13.8	
4	0.665	4	0.498	0.20	0.195	6.93	8.84	76440	78400	97460	99960	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

Waqas Ali
Variant Gulberg 2, Lahore.

Test Performed By: **Dr. /Engr.** Irfan Ul Hassan

Client Reference: VA/29/61
Dated: 27-01-2023

SOM Lab Ref: 1665 (Page-1/2)
Dated: 27-01-2023

Test: Tension Test & Bend Test
Test Specification: ASTM-A-615 Deformed
Gauge Length: 8 inch
Sample Type: 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	2.651	8	0.996	0.79	0.779	24.66	34.37	68840	69810	95960	97320	1.50	8.0	18.8	
2	2.416	8	0.951	0.79	0.710	23.24	33.05	64890	72200	92260	102660	1.50	8.0	18.8	
3	1.478	6	0.743	0.44	0.434	13.76	18.50	68980	69930	92740	94020	1.30	8.0	16.3	
4	1.486	6	0.746	0.44	0.437	14.14	18.75	70870	71360	93960	94610	1.40	8.0	17.5	
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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

Note:-

Only Six Samples Received and Tested

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

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

Exec Dir Master Consulting Engg.(Boundary wall & Main Gate at Bhikki Power Plant)

SOM Lab

Client Reference: MCE/23/023 **Ref:** 1666 (Page-1/1)

Dated: 25-01-2023 **Dated:** 27-01-2023

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

Gauge Length: 8 inch **Sample Type:** 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	1.490	6	0.747	0.44	0.438	14.98	19.88	75110	75450	99640	100090	1.30	8.0	16.3	
2	0.667	4	0.500	0.20	0.196	6.34	8.72	69920	71350	96110	98070	1.30	8.0	16.3	
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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 Four Samples Received and Tested

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