Syed Tasawur Hussain Naqvi **Test Performed By:** **Dr. /Engr.** **S. Asad Ali Gillani**

Assistant Executive Engineer-III, CCD. PAK PWD, Gujranwala

Client Reference: **AEE-III/CCD/GA/Work/nhmp/Admn/Lab/15** **SOM Lab Ref:** **3515(Page-1/1)**

Dated: **01-12-2020** **Dated:** **29-12-2020**

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	1.463	6	0.740	0.44	0.430	13.56	18.65	67960	69540	93510	95680	1.40	8.0	17.5	
2	1.011	5	0.615	0.31	0.297	10.09	13.48	71800	74940	95880	100070	1.30	8.0	16.3	
3	0.668	4	0.500	0.20	0.196	6.24	8.63	68800	70200	95210	97150	1.30	8.0	16.3	
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BEND TEST:

# 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 Six Samples Received and Tested

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

Engr. Javed Asad
Chief Resident Engineer JIP Consultants,

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

Client Reference: **JIPIC/TECH/CRE/169**
Dated: **23-12-2020**

SOM Lab
Ref: **3516(Page-1/1)**
Dated: **29-12-2020**

Test: **Tension Test & Bend Test** **Test Specification:** **ASTM-A-615**
Gauge Length: **8 inch** **Sample Type:** **Deformed Bar(Pak 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	1.533	6	0.758	0.44	0.451	14.44	19.64	72400	70640	98460	96060	1.20	8.0	15.0	Lot-06
2	1.522	6	0.754	0.44	0.447	14.95	20.08	74960	73780	100660	99080	1.30	8.0	16.3	Lot-03
3	1.037	5	0.623	0.31	0.305	9.43	13.97	67090	68180	99360	100980	1.20	8.0	15.0	Lot-03
4	1.043	5	0.625	0.31	0.307	9.70	14.19	69040	69720	100950	101940	1.40	8.0	17.5	
5	0.659	4	0.497	0.20	0.194	6.07	7.80	66890	68950	85990	88650	1.10	8.0	13.8	
6	0.681	4	0.505	0.20	0.200	6.57	8.51	72510	72510	93860	93860	1.00	8.0	12.5	
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BEND TEST:

# 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 Nine Samples Received and Tested

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

Construction Manager
NESPAK, (Pvt) Ltd. Lahore

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

Client Reference: **3976/13/MHK/01/174**
Dated: **28-12-2020**

SOM Lab Ref: **3517(Page-1/3)**
Dated: **28 -12-2020**

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	1.508	6	0.751	0.44	0.443	16.92	21.20	84820	84240	106280	105560	1.00	8.0	12.5	
2	1.514	6	0.753	0.44	0.445	16.11	21.20	80730	79820	106280	105080	1.30	8.0	16.3	
3	1.466	6	0.741	0.44	0.431	17.02	20.76	85330	87110	104080	106250	1.20	8.0	15.0	
4	1.504	6	0.750	0.44	0.442	16.41	20.49	82260	81890	102700	102240	1.00	8.0	12.5	
5	1.507	6	0.751	0.44	0.443	17.23	20.95	86350	85770	105000	104290	1.10	8.0	13.8	
6	1.472	6	0.743	0.44	0.433	17.33	21.02	86860	88270	105360	107060	1.00	8.0	12.5	
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BEND TEST:

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

Note:-

Only Ten Samples Received and Tested

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

Construction Manager
NESPAK, (Pvt) Ltd. Lahore

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

Client Reference: **3976/13/MHK/01/173**
Dated: **28-12-2020**

SOM Lab Ref: **3517(Page-2/3)**
Dated: **28 -12-2020**

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	1.496	6	0.748	0.44	0.440	17.43	20.80	87370	87370	104230	104230	1.00	8.0	12.5	
2	1.472	6	0.743	0.44	0.433	17.02	20.76	85330	86710	104080	105760	1.20	8.0	15.0	
3	1.524	6	0.755	0.44	0.448	15.90	21.02	79710	78290	105360	103480	1.10	8.0	13.8	
4	1.503	6	0.750	0.44	0.442	17.13	20.61	85840	85450	103310	102850	1.00	8.0	12.5	
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BEND TEST:

# 6	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

Construction Manager
NESPAK, (Pvt) Ltd. Lahore

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

Client Reference: **3976/13/MHK/01/175**
Dated: **28-12-2020**

SOM Lab Ref: **3517(Page-3/3)**
Dated: **28 -12-2020**

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	2.606	8	0.988	0.79	0.766	28.08	35.14	78400	80860	98100	101170	1.20	8.0	15.0	
2	2.588	8	0.984	0.79	0.761	27.93	35.07	77980	80950	97900	101630	1.30	8.0	16.3	
3	2.648	8	0.995	0.79	0.778	31.60	39.60	88220	89580	110560	112270	1.00	8.0	12.5	
4	2.632	8	0.992	0.79	0.773	31.62	39.57	88280	90220	110470	112900	1.00	8.0	12.5	
5	2.621	8	0.990	0.79	0.770	31.70	39.62	88510	90800	110620	113490	1.20	8.0	15.0	
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BEND TEST:

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

Furqan-Ul-Haq **Test Performed By:** **Dr. /Engr.** **S. Asad Ali Gillani**

General Manager, AYQ Developers (Pvt) Ltd. Lahore

Client Reference: **Nil** **SOM Lab Ref:** **3518(Page-1/1)**

Dated: **29-12-2020** **Dated:** **29-12-2021**

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

Guage 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	2.627	8	0.991	0.79	0.772	26.37	34.25	73620	75340	95620	97850	1.50	8.0	18.8	
2	2.597	8	0.986	0.79	0.763	25.66	34.83	71630	74170	97240	100680	1.30	8.0	16.3	
3	2.641	8	0.994	0.79	0.776	27.01	36.67	75420	76780	102360	104210	1.00	8.0	12.5	
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BEND TEST:

# 8	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

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

Water Wise, 510, Park Avenue, Shahrah-e- Faisal, Karachi

Client Reference: **WW/PHED/PKG1/RE/LT/009** **SOM Lab Ref:** **3519(Page-1/1)**

Dated: **25-12-2020** **Dated:** **29-12-2021**

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

Guage 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	2.631	8	0.992	0.79	0.773	23.04	34.42	64320	65730	96100	98220	1.10	8.0	13.8	
2	2.615	8	0.989	0.79	0.768	23.62	33.89	65940	67830	94620	97330	1.20	8.0	15.0	
3	1.484	6	0.745	0.44	0.436	13.97	19.93	70000	70640	99890	100810	1.20	8.0	15.0	
4	1.480	6	0.744	0.44	0.435	13.97	19.95	70000	70810	99990	101140	1.10	8.0	13.8	
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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

Abdullah Hussain
Resident Engineer, NESPAK (Pvt) Ltd. Lahore

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

Client Reference: **Nespak/SAH/UET/023**
Dated: **29-12-2020**

SOM Lab Ref: **3520(Page-1/1)**
Dated: **29-12-2021**

Test: **Tension Test & Bend Test** **Test Specification:** **ASTM-A-615**
Guage 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	1.481	6	0.744	0.44	0.435	15.24	19.22	76390	77270	96320	97420	1.20	8.0	15.0	
2	1.463	6	0.740	0.44	0.430	15.44	19.39	77410	79210	97180	99440	1.40	8.0	17.5	
3	0.653	4	0.494	0.20	0.192	6.78	8.36	74750	77870	92180	96020	1.30	8.0	16.3	
4	0.645	4	0.492	0.20	0.190	6.88	9.09	75880	79870	100270	105550	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

Maj Adnan khalid® **Test Performed By:** **Dr. /Engr.** **S. Asad Ali Gillani**

Dy Dir MTL, Infra Dev Works of Prism -9, Pkg-01, Sector -Q, Ph-IX - (M/S DHA Const)

Client Reference: **408/241/E/Lab/1074/28** **SOM Lab Ref:** **3521- 3522(Page-2/2)**

Dated: **29-12-2020** **Dated:** **29-12-2020**

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	2.626	8	0.991	0.79	0.772	24.69	33.84	68930	70530	94480	96680	1.20	8.0	15.0	
2	2.645	8	0.995	0.79	0.777	24.67	33.91	68870	70020	94680	96260	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

Maj Adnan khalid® **Test Performed By:** **Dr. /Engr.** **S. Asad Ali Gillani**

Dy Dir MTL, Infra Dev Works of Prism -9, Pkg-01, Sector -Q, Ph-IX - (M/S DHA Const)

Client Reference: **408/241/E/Lab/1073/163** **SOM Lab Ref:** **3521- 3522(Page-1/1)**

Dated: **29-12-2020** **Dated:** **29-12-2020**

Test: **Tension Test & Bend Test** **Test Specification:** **ASTM-A-615 Deformed Bar (Kamran 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	0.647	4	0.492	0.20	0.190	5.93	8.28	65420	68870	91280	96080	1.50	8.0	18.8	
2	0.710	4	0.516	0.20	0.209	6.63	8.99	73070	69920	99150	94880	1.40	8.0	17.5	
3	0.659	4	0.497	0.20	0.194	6.12	8.48	67450	69530	93530	96420	1.30	8.0	16.3	
4	0.678	4	0.503	0.20	0.199	6.27	8.63	69130	69480	95210	95690	1.50	8.0	18.8	
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BEND TEST:

# 4	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

Major Asad Uz Zaman **Test Performed By:** **Dr. /Engr.** **Nauman Khurram**

Deputy Assistant Director Housing, DAD (Works) I - 1, Lahore

Client Reference: **786/3/XI/Gen** **SOM Lab Ref:** **3523(Page-1/1)**

Dated: **29-12-2020** **Dated:** **29-12-2020**

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	0.673	4	0.502	0.20	0.198	6.54	10.21	72170	72900	112630	113770	1.00	8.0	12.5	
2	0.675	4	0.502	0.20	0.198	6.49	10.16	71610	72330	112070	113200	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

Major Asad Uz Zaman **Test Performed By:** **Dr. /Engr.** **S. Asad Ali Gillani**

Deputy Assistant Director Housing, DAD (Works) I - 1, Lahore

Client Reference: **786/3/XI/Gen** **SOM Lab Ref:** **3524(Page-1/1)**

Dated: **29-12-2020** **Dated:** **29-12-2020**

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	1.504	6	0.750	0.44	0.442	10.55	16.38	52890	52650	82110	81740	1.80	8.0	22.5	
2	1.489	6	0.747	0.44	0.438	10.42	16.26	52220	52460	81500	81870	1.80	8.0	22.5	
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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

Major Asad Uz Zaman **Test Performed By:** **Dr. /Engr.** **S. Asad Ali Gillani**

Deputy Assistant Director Housing, DAD (Works) I - 1, Lahore

Client Reference: **786/3/XI/Gen** **SOM Lab Ref:** **3524(Page-1/1)**

Dated: **29-12-2020** **Dated:** **29-12-2020**

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	%	
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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

Brig Saeed Ahmed Malik SI(M).
®

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

Resident Engineer, NESPAK (Pvt) Ltd. Lahore

Client Reference: **4084/BSAM/104/200-**
Dated: **18-12-2020**

SOM Lab Ref: **3525(Page-1/1)**
Dated: **29-12-2020**

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

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	0.602	4	0.475	0.20	0.177	4.94	6.98	54520	61610	77000	87010	1.10	8.0	13.8	
2	0.571	4	0.462	0.20	0.168	4.56	6.44	50250	59820	71040	84580	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 Faizan **Test Performed By:** **Dr. /Engr.** **Nauman Khurram**

Project Engineer, NETRACON Technologies (Pvt) Ltd. Lahore

Client Reference: **NTT-HO/FSDW-GS/038** **SOM Lab Ref:** **3526(Page-1/1)**

Dated: **29-12-2020** **Dated:** **29-12-2020**

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

Gauge Length: **8 inch** **Sample Type:** **Kamran & Fazal 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	1.069	5	0.632	0.31	0.314	11.79	15.04	83910	82840	106970	105610	1.30	8.0	16.3	Fazal
2	1.084	5	0.637	0.31	0.319	11.18	14.70	79560	77310	104580	101630	1.00	8.0	12.5	Fazal
3	0.670	4	0.501	0.20	0.197	6.70	8.15	73850	74980	89930	91300	1.00	8.0	12.5	Kamran
4	0.594	4	0.472	0.20	0.175	6.17	8.51	68010	77720	93860	107270	1.20	8.0	15.0	Fazal
5	0.593	4	0.471	0.20	0.174	6.98	8.10	77000	88510	89370	102720	0.90	8.0	11.3	Fazal
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Witnessed By: **Sohaib Ali, Sub Engineer, NESPAK**

BEND TEST:

# 5	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
# 4	Sample bend through 180 degrees Satisfactorily without any crack
# 4	Sample bend through 180 degrees Satisfactorily without any crack

Note:-

Only Ten Samples Received and Tested

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