

Aftab Ahmad, A/XEN
GE(Army) Mgl.

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

Client Reference: 604/46/E-6

SOM Lab

Ref: 272 (Page-1/1)

Dated: 27-11-2024

Dated: 28-11-2024

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	1.274	6	0.690	0.44	0.374	9.07	13.48	45480	53500	67550	79470	1.50	8.0	18.8	
2	1.253	6	0.685	0.44	0.368	9.04	13.56	45320	54190	67960	81250	1.40	8.0	17.5	
3	1.272	6	0.690	0.44	0.374	8.97	13.58	44970	52900	68060	80070	1.60	8.0	20.0	
4	1.282	6	0.693	0.44	0.377	9.07	13.51	45480	53080	67700	79020	1.60	8.0	20.0	
5	1.283	6	0.693	0.44	0.377	9.07	13.61	45480	53080	68210	79610	1.50	8.0	18.8	
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BEND TEST:

--	No Bend test performed	Note:- Only Five Samples Received and Tested

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

Engr. Muhammad Moize,ARE
Rehman Habib Consult Pvt Ltd.(Govt College of Technology Sahiwal)

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

Client Reference: COE/RHC/MLT/24/010

SOM Lab

Ref: 273 (Page-1/1)

Dated: 26-11-2024

Dated: 28-11-2024

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Gauge Length: 8 inch

Sample Type:

Deformed Bar (Afaq 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	2.608	8	0.988	0.79	0.766	25.33	35.90	70720	72940	100230	103370	1.40	8.0	17.5	
2	2.608	8	0.988	0.79	0.766	25.18	25.66	70290	72500	71630	73880	1.30	8.0	16.3	
3	1.505	6	0.750	0.44	0.442	14.88	19.72	74600	74260	98870	98420	1.40	8.0	17.5	
4	1.508	6	0.751	0.44	0.443	14.60	19.59	73170	72670	98210	97540	1.30	8.0	16.3	
5	0.664	4	0.498	0.20	0.195	6.52	9.09	71940	73790	100270	102840	1.00	8.0	12.5	
6	0.657	4	0.496	0.20	0.193	6.37	8.99	70260	72810	99150	102740	1.10	8.0	13.8	
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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

Arsalan Khurshid

Test Performed By: Dr. /Engr. Nauman Khurram

SC For Sufi Muhammad Haroon Haris. (Const of Private House at Green Fort-1 Raiwind Rd Lhr)

Client Reference: Green Fort-1/UET/Steel Test

SOM Lab

Ref: 274 (Page-1/1)

Dated: 28-11-2024

Dated: 28-11-2024

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	2.643	8	0.995	0.79	0.777	24.99	33.89	69780	70950	94620	96210	1.30	8.0	16.3	
2	2.635	8	0.993	0.79	0.774	24.97	33.84	69720	71170	94480	96430	1.40	8.0	17.5	
3	1.488	6	0.746	0.44	0.437	15.04	19.78	75370	75880	99130	99810	1.30	8.0	16.3	
4	1.499	6	0.749	0.44	0.441	14.98	19.78	75110	74940	99130	98900	1.40	8.0	17.5	
5	0.667	4	0.500	0.20	0.196	6.32	8.21	69700	71120	90490	92340	1.10	8.0	13.8	
6	0.666	4	0.500	0.20	0.196	6.54	8.53	72170	73640	94090	96010	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

Izhar Steel (Pvt) Ltd
LPG Storage & Bottling Facility PARCO PEARL GAS

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

Client Reference: ISPL-112-LET-00041

SOM Lab

Ref: 275 (Page-1/1)

Dated: 28-11-2024

Dated: 28-11-2024

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	0.666	4	0.500	0.20	0.196	7.34	9.97	80940	82590	109940	112180	1.30	8.0	16.3	
2	0.667	4	0.500	0.20	0.196	5.42	7.34	59800	61020	80940	82590	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

Engineer Muhammad Irfan
Dy Dir Infra. DHA Gujranwala.(Sec K)

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

Client Reference: 111/15/DD/Lab/K/857

SOM Lab

Ref: 276 (Page-1/1)

Dated: 20-11-2024

Dated: 28-11-2024

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Gauge Length: 8 inch

Sample Type:

MS Rungs (Plain 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	2.663	8	0.998	0.79	0.783	23.34	38.43	65170	65750	107290	108250	1.50	8.0	18.8	
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BEND TEST:

--	No Bend test performed	Note:- Only One Sample Received and Tested

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

Ali Zahid Latif, RE
Nespak-Turkpak JV Lhr.(Reconstruction of Old P&D Building,Lahore)

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

Client Reference: 4674/P&D/13/09/AZL/70

SOM Lab

Ref: 277 (Page-2/2)

Dated: 12-11-2024

Dated: 28-11-2024

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Gauge Length: 8 inch

Sample Type:

Deformed Bar (Aziz 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	12.44	19.78	62340	62770	99130	99810	1.20	8.0	15.0	
2	1.487	6	0.746	0.44	0.437	12.44	19.72	62340	62770	98870	99550	1.20	8.0	15.0	
3	0.672	4	0.501	0.20	0.197	6.60	10.11	72730	73840	111510	113210	1.30	8.0	16.3	
4	0.677	4	0.503	0.20	0.199	6.65	10.16	73290	73660	112070	112640	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

Ali Zahid Latif, RE
Nespak-Turkpak JV Lhr.(Reconstruction of Old P&D Building,Lahore)

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

Client Reference: 4674/P&D/13/09/AZL/72

SOM Lab

Ref: 277 (Page-1/2)

Dated: 28-11-2024

Dated: 28-11-2024

Test: Tension Test & Bend Test

Test Specification: ASTM-A-615

Gauge Length: 8 inch

Sample Type: Deformed Bar (Aziz Steel)

ASTM-A-615

Deformed Bar (Aziz 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	2.716	8	1.008	0.79	0.798	26.71	43.17	74560	73810	120520	119310	1.30	8.0	16.3	
2	1.504	6	0.750	0.44	0.442	13.40	21.12	67190	66890	105870	105390	1.40	8.0	17.5	
3	1.501	6	0.749	0.44	0.441	13.35	21.05	66940	66780	105510	105270	1.10	8.0	13.8	
4	0.679	4	0.505	0.20	0.200	6.60	10.14	72730	72730	111850	111850	1.00	8.0	12.5	
5	0.668	4	0.500	0.20	0.196	5.83	8.99	64300	65610	99150	101170	1.10	8.0	13.8	
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BEND TEST:

# 8	Sample bend through 180 degrees Satisfactorily without any crack	Note:- Only Eight 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

C.M Rehan

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

AR Developers Lhr.(Project of Mosque First Floor Roof Slab in B-Block of Al-Rehman Garden Ph-II Lhr)

Client Reference: A.R/40-24

SOM Lab

Ref: 278 (Page-1/1)

Dated: 28-11-2024

Dated: 28-11-2024

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Gauge Length: 8 inch

Sample Type:

Deformed Bar (Mughal 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	1.466	6	0.741	0.44	0.431	14.83	19.72	74350	75900	98870	100930	1.20	8.0	15.0	
2	1.461	6	0.739	0.44	0.429	14.70	19.75	73680	75570	98970	101510	1.30	8.0	16.3	
3	0.658	4	0.496	0.20	0.193	6.27	8.26	69130	71640	91050	94350	1.20	8.0	15.0	
4	0.658	4	0.496	0.20	0.193	6.32	8.38	69700	72220	92400	95750	1.10	8.0	13.8	
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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

BRAVO ASSOCIATES

Test Performed By:

Dr. /Engr. Asad Ali Gillani

Project Mini Igloo at Khaigala Rawalkot, 61 ORD, 12DIV.

Client Reference: Nil

SOM Lab

Ref: 279 (Page-1/1)

Dated: 28-11-2024

Dated: 28-11-2024

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Gauge Length: 8 inch

Sample Type:

Deformed Bar (Aziz 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	1.055	5	0.628	0.31	0.310	9.38	15.11	66720	66720	107480	107480	1.30	8.0	16.3	
2	1.060	5	0.630	0.31	0.312	9.38	15.14	66720	66290	107700	107010	1.20	8.0	15.0	
3	0.666	4	0.500	0.20	0.196	5.91	9.04	65200	66530	99710	101740	1.10	8.0	13.8	
4	0.670	4	0.501	0.20	0.197	5.68	8.53	62610	63570	94090	95520	1.10	8.0	13.8	
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BEND TEST:

# 5	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