

Test Performed by: S. Asad Ali Gillani

Azen Corporation
353-U-Block
Phase-8, DHA Lahore.

Client Reference No.: Nil

Dated: 10-07-2025

SOM Lab Ref: CED/SOM/1488 (Page 1/1)

Dated: 19-06-2025

Test Type: Load Test

Sample Type: Pulley

Load Test Results

Sr No.	Sample Type	Proof Load (Tons)	Remarks
1	Pulley	7	Sample remains satisfied at this proof load.

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

Muhammad Nadeem Akhtar

Test Performed By: Dr. /Engr. Nauman Khurram

RE NESPAK Lahore.(Re-Const/Rehb of G.T Road From Quaid-E-Azam Interchange To Wahga Border)

Client Reference: Nespak/GT-W/MNA/043

SOM Lab

Ref: 1486 (Page-1/1)

Dated: 07-07-2025

Dated: 11-07-2025

Test: Tension 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	0.671	4	0.501	0.20	0.197	6.80	8.84	74980	76120	97460	98940	1.20	8.0	15.0	Kisan Steel
2	0.673	4	0.502	0.20	0.198	6.98	8.92	77000	77780	98360	99350	1.20	8.0	15.0	Kisan Steel
3	0.672	4	0.501	0.20	0.197	6.95	8.89	76660	77830	98020	99510	1.10	8.0	13.8	PSR Steel
4	0.672	4	0.501	0.20	0.197	7.03	8.92	77560	78750	98360	99860	1.10	8.0	13.8	PSR Steel
5	0.672	4	0.501	0.20	0.197	7.05	8.97	77790	78970	98920	100430	1.10	8.0	13.8	AK Steel
6	0.671	4	0.501	0.20	0.197	6.93	8.87	76440	77600	97800	99290	1.10	8.0	13.8	AK Steel
7	0.673	4	0.502	0.20	0.198	6.98	8.89	77000	77780	98020	99010	1.20	8.0	15.0	Mughal Sup
8	0.673	4	0.502	0.20	0.198	7.05	8.99	77790	78570	99150	100150	1.10	8.0	13.8	Mughal Sup
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BEND TEST:

# 4	Sample bend through 180 degrees Satisfactorily without any crack	Note:- Only Twelve Samples Received and Tested
# 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: Please always confirm the results of above report on web www.uet-civil.edu.pk

Tahawar Owais
PM DSG Energy Lahore.(Const Of Office Building at 29-M QIE,Lahore)

Test Performed By: Dr. /Engr. Ubaid Mughal

Client Reference: Nil

SOM Lab

Ref: 1487 (Page-1/1)

Dated: 11-07-2025

Dated: 11-07-2025

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	2.640	8	0.994	0.79	0.776	21.81	35.44	60900	62000	98950	100730	1.30	8.0	16.3	
2	2.648	8	0.995	0.79	0.778	21.92	35.47	61190	62130	99030	100560	1.30	8.0	16.3	
3	1.498	6	0.748	0.44	0.440	13.35	21.07	66940	66940	105610	105610	1.10	8.0	13.8	
4	1.482	6	0.745	0.44	0.436	13.30	20.90	66680	67290	104750	105710	1.40	8.0	17.5	
5	0.656	4	0.496	0.20	0.193	5.76	9.17	63510	65820	101170	104840	1.20	8.0	15.0	
6	0.661	4	0.497	0.20	0.194	5.83	9.17	64300	66290	101170	104300	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

Nasir Saddiq

Test Performed By:

Dr. /Engr.

Irfan Ul Hassan

PM Innovative ® Construction Company Lahore.(Project: DHA MB Plaza 180,Lahore)

Client Reference: DHA MB 180/01

SOM Lab

Ref:

1489(Page-1/1)

Dated: 10-07-2025

Dated:

11-07-2025

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	2.636	8	0.993	0.79	0.775	24.46	32.82	68300	69620	91640	93410	1.50	8.0	18.8	
2	2.621	8	0.990	0.79	0.770	23.96	32.42	66880	68620	90500	92850	1.40	8.0	17.5	
3	1.470	6	0.742	0.44	0.432	13.86	18.37	69490	70780	92070	93780	1.00	8.0	12.5	
4	1.471	6	0.742	0.44	0.432	13.56	18.32	67960	69220	91820	93520	1.30	8.0	16.3	
5	0.766	4	0.535	0.20	0.225	6.39	8.07	70480	62650	89030	79140	1.20	8.0	15.0	
6	0.767	4	0.535	0.20	0.225	6.44	8.02	71040	63150	88470	78640	1.20	8.0	15.0	
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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

Resident Engineer

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

NESPAK DG khan.(Const Of Boys,Girl Hostel & Bachelor Faculty Hostel at New Campus of Ghazi University)

Client Reference: 4026/325/UKN/03/MSC/206

SOM Lab

Ref: 1491 (Page-1/1)

Dated: 03-07-2025

Dated: 11-07-2025

Test: Tension Test

Test Specification: ASTM-A-615

Gauge Length: 8 inch

Sample Type: Deformed Bar (Hunza 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	1.487	6	0.746	0.44	0.437	13.25	18.06	66430	66880	90540	91160	1.40	8.0	17.5	
2	1.488	6	0.746	0.44	0.437	13.25	18.10	66430	66880	90750	91370	1.40	8.0	17.5	
3	1.044	5	0.625	0.31	0.307	9.23	12.71	65630	66280	90440	91320	1.20	8.0	15.0	
4	1.039	5	0.623	0.31	0.305	9.12	12.95	64910	65970	92100	93610	1.30	8.0	16.3	
5	0.658	4	0.496	0.20	0.193	6.24	8.18	68800	71290	90150	93420	1.30	8.0	16.3	
6	0.660	4	0.497	0.20	0.194	6.24	8.21	68800	70920	90490	93290	1.40	8.0	17.5	
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BEND TEST:

# 6	Sample bend through 180 degrees Satisfactorily without any crack	Note:- Only Nine Samples Received and Tested
# 5	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

M. Saleem
Construction Company Sheikhpura.(GAS Engine Hall at MPPL)

Test Performed By: Dr. /Engr. Irfan ul Hassan

Client Reference: Steel Test

SOM Lab

Ref: 1492 (Page-1/1)

Dated: 11-07-2025

Dated: 11-07-2025

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Deformed Bar (Naveena 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	1.509	6	0.751	0.44	0.443	16.21	19.75	81240	80690	98970	98300	1.40	8.0	17.5	
2	0.580	4	0.465	0.20	0.170	5.49	7.10	60590	71280	78350	92180	1.10	8.0	13.8	
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BEND TEST:

# 6	Sample bend through 180 degrees Satisfactorily without any crack	Note:- Only Four 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

Sub Divisional officer,
BSD Kasur.(Estb Of Govt. Boys Degree College Khudian Tehsil & Distt Kasur)

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

Client Reference: 3602/K

SOM Lab

Ref: 1493 (Page-1/1)

Dated: 16-05-2025

Dated: 11-07-2025

Test: Tension Test & Bend Test

Test Specification: ASTM-A-615

Gauge Length: 8 inch

Sample Type: Deformed Bar

ASTM-A-615

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	1.509	6	0.751	0.44	0.443	13.20	20.97	66170	65720	105100	104390	1.10	8.0	13.8	
2	1.533	6	0.758	0.44	0.451	13.56	21.38	67960	66300	107150	104530	1.20	8.0	15.0	
3	0.656	4	0.496	0.20	0.193	6.12	9.35	67450	69890	103080	106820	0.90	8.0	11.3	
4	0.648	4	0.492	0.20	0.190	6.07	9.45	66890	70410	104200	109690	0.80	8.0	10.0	
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BEND TEST:

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

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