

Waqas Ali
Variant Gulberg 2, Lahore.

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

Client Reference: VA/29/141

SOM Lab 4733 (Page-1/1)

Dated: 04-09-2024

Dated: 04-09-2024

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	1.487	6	0.746	0.44	0.437	14.27	18.50	71540	72030	92740	93380	1.50	8.0	18.8	
2	1.484	6	0.745	0.44	0.436	14.29	18.47	71640	72290	92590	93430	1.50	8.0	18.8	
3	0.662	4	0.498	0.20	0.195	6.88	8.84	75880	77820	97460	99960	1.20	8.0	15.0	
4	0.664	4	0.498	0.20	0.195	7.46	9.19	82290	84390	101390	103990	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

M.Azhar Akhtar, RE

Test Performed By:

Dr. /Engr.

Nauman Khurram

NESPAK JV Turkpak.(Construction of New GOR Near DHA Phase-IX,Lahore)

Client Reference: 4769/13/MAA/24/56

SOM Lab

4734 (Page-

Ref:

1/1)

Dated: 27-08-2024

Dated:

04-09-2024

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	0.664	4	0.498	0.20	0.195	6.09	8.36	67110	68830	92180	94540	1.00	8.0	12.5	
2	0.671	4	0.501	0.20	0.197	6.47	8.74	71380	72470	96340	97800	1.10	8.0	13.8	
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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 Abid Ali Shah

Test Performed By:

Dr. /Engr. Irfan Ul Hassan

For Co 101 Engr Bn Sheikhpura Camp C/O Sigcen Chaklala.(New Const of Junior Block Skp)

Client Reference: 607/FMHS/P/02

SOM Lab

4735 (Page-

Ref:

1/1)

Dated: Jul 24

Dated:

04-09-2024

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	2.754	8	1.015	0.79	0.809	23.04	37.41	64320	62810	104440	101990	1.30	8.0	16.3	
2	2.671	8	1.000	0.79	0.785	22.63	36.92	63180	63580	103080	103730	1.30	8.0	16.3	
3	1.497	6	0.748	0.44	0.440	12.84	20.05	64380	64380	100500	100500	1.50	8.0	18.8	
4	1.518	6	0.754	0.44	0.446	12.95	20.18	64890	64020	101170	99810	1.50	8.0	18.8	
5	0.666	4	0.500	0.20	0.196	6.22	9.40	68570	69970	103640	105760	1.30	8.0	16.3	
6	0.667	4	0.500	0.20	0.196	6.17	9.33	68010	69400	102860	104950	1.30	8.0	16.3	
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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

Muhammad Aman Ullah, RE

Test Performed By:

Dr. /Engr.

Nauman Khurram

NESPAK Lahore.(Construction of Missing Link in Jinnah Sector LDA City,Lahore)

Client Reference: 4047/13/MA/04/335

SOM Lab

4736 (Page-

Ref:

1/1)

Dated: 06-08-2024

Dated:

04-09-2024

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Gauge Length: 8 inch

Sample Type:

Deformed Bar (FF 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	0.670	4	0.501	0.20	0.197	6.44	8.74	71040	72130	96340	97800	1.20	8.0	15.0	
2	0.666	4	0.500	0.20	0.196	6.47	8.72	71380	72840	96110	98070	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

Waseem , Site Engr

Test Performed By:

Dr. /Engr.

Nauman Khurram

Jaffar Builders Dera Haji Allah Wasaya.(Coca Cola Sunder Green Lahore)

Client Reference: Nil

SOM Lab

4737 (Page-

Ref:

1/1)

Dated: 04-09-2024

Dated:

04-09-2024

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	0.668	4	0.500	0.20	0.196	6.12	8.26	67450	68820	91050	92910	1.30	8.0	16.3	
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BEND TEST:

# 4	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

Eagle Construction & Co
Gujranwala Cantt.(Navel Complex "Admin Block")

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

Client Reference: Nil

SOM Lab 4738 (Page-1/1)

Dated: 04-09-2024

Dated: 04-09-2024

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	1.508	6	0.751	0.44	0.443	12.90	20.08	64640	64200	100660	99980	1.20	8.0	15.0	
2	1.513	6	0.753	0.44	0.445	13.07	20.13	65510	64770	100910	99780	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

Sheikh Maqbool, RE
NESPAK Lahore.(Renovation of Gaddafi Stadium Lahore Project)

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

Client Reference: RE/GSRP/4521/04/MH/6

SOM Lab 4739(Page-1/1)
Ref: 1/1)

Dated: 03-09-2024

Dated: 04-09-2024

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	2.572	8	0.981	0.79	0.756	23.96	32.21	66880	69890	89930	93970	1.50	8.0	18.8	
2	2.578	8	0.982	0.79	0.758	24.87	34.42	69440	72370	96100	100160	1.40	8.0	17.5	
3	1.473	6	0.743	0.44	0.433	14.12	18.91	70770	71910	94780	96310	1.20	8.0	15.0	
4	1.477	6	0.743	0.44	0.434	14.24	18.93	71380	72370	94880	96200	1.20	8.0	15.0	
5	0.660	4	0.497	0.20	0.194	6.85	8.61	75540	77880	94990	97920	0.90	8.0	11.3	
6	0.659	4	0.497	0.20	0.194	7.24	8.97	79810	82280	98920	101980	1.30	8.0	16.3	
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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

Muhammad Haroon & Sons

Test Performed By:

Dr. /Engr.

Nauman Khurram

Lahore.(Const Various Projs In Lahore,Chunian and Bahawalpur Cantt. a,b,c,d,e)

Client Reference: Nil

SOM Lab

4740 (Page-

Ref:

1/1)

Dated: Nil

Dated:

04-09-2024

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	2.723	8	1.009	0.79	0.800	23.82	38.84	66510	65680	108430	107070	1.20	8.0	15.0	
2	2.737	8	1.012	0.79	0.804	23.92	38.81	66790	65630	108340	106450	1.20	8.0	15.0	
3	1.434	6	0.732	0.44	0.421	12.51	19.78	62700	65530	99130	103600	1.30	8.0	16.3	
4	1.443	6	0.735	0.44	0.424	12.76	20.23	63970	66390	101420	105250	1.20	8.0	15.0	
5	1.059	5	0.629	0.31	0.311	9.81	15.44	69770	69540	109870	109520	1.20	8.0	15.0	
6	1.053	5	0.627	0.31	0.309	9.94	16.02	70710	70940	114000	114370	1.30	8.0	16.3	
7	0.665	4	0.498	0.20	0.195	6.19	9.43	68230	69980	103980	106650	1.10	8.0	13.8	
8	0.667	4	0.500	0.20	0.196	6.17	9.38	68010	69400	103420	105530	1.00	8.0	12.5	
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BEND TEST:

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

M. Omer
 Director Design Spot. (KFC Mughal Pura Lahore)

Test Performed By: Dr. /Engr. Nauman Khurram

Client Reference: Nil
 Dated: 04-09-2024

SOM Lab 4741 (Page-1/1)
 Ref: 1/1
 Dated: 04-09-2024

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

Test Specification: ASTM-A-615
 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	2.592	8	0.985	0.79	0.762	25.05	33.54	69920	72490	93630	97070	1.50	8.0	18.8	
2	2.583	8	0.983	0.79	0.759	25.03	33.30	69870	72720	92970	96770	1.30	8.0	16.3	
3	1.495	6	0.748	0.44	0.439	13.97	18.52	70000	70160	92840	93050	1.40	8.0	17.5	
4	1.493	6	0.748	0.44	0.439	14.04	18.73	70360	70520	93860	94080	1.50	8.0	18.8	
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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

S.K Farmhouse

Test Performed By:

Dr. /Engr. Asad ali Gillani

Procurement Manager S.K Farmhouse Near Jhumra Flyover Faisalabad.

Client Reference: /003

SOM Lab 4742 (Page-

Ref: 1/1)

Dated: 02-09-2024

Dated: 04-09-2024

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	2.670	8	1.000	0.79	0.785	23.21	37.82	64800	65210	105580	106250	1.50	8.0	18.8	
2	0.672	4	0.501	0.20	0.197	5.50	8.26	60700	61630	91050	92440	1.20	8.0	15.0	
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BEND TEST:

# 8	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

