

General Manager Operations
 Model Steel Enterprises (Pvt.) Ltd. Lahore

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

Client Reference: Nil
 Dated: 25-01-2020
 Test: Tension Test
 Gauge Length: 8 inch

SOM Lab
 Ref: 2108(Page-1/1)
 Dated: 27-01-2020
 Test Specification: ASTM-A-615
 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	1.514	6	0.753	0.44	0.445	13.78	19.03	69080	68310	95400	94320	1.20	8.0	15.0	
2	1.502	6	0.749	0.44	0.441	14.58	19.42	73070	72900	97340	97120	1.30	8.0	16.3	
3	0.652	4	0.494	0.20	0.192	5.93	8.51	65420	68150	93860	97770	1.20	8.0	15.0	
4	0.657	4	0.496	0.20	0.193	5.91	8.46	65200	67560	93300	96680	1.10	8.0	13.8	
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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

Sub Divisional Officer
Building s Sub Division, Jhang

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

Client Reference: 581-

SOM Lab

Ref: 2109(Page-1/1)

Dated: 20-12-2019

Dated: 27-01-2020

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	0.525	4	0.443	0.20	0.154	3.94	5.83	43510	56500	64300	83510	1.10	8.0	13.8	
2	0.521	4	0.441	0.20	0.153	3.79	5.76	41820	54660	63510	83020	1.40	8.0	17.5	
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BEND TEST:

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

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

Muhammad Arshad

Test Performed By:

Dr. /Engr.

S Asad Ali Gillani

Resident Engineer, Naqvi & Siddique Regional Blood Center, Allied Hospital, Faisalabad

Client Reference: RBC/FSD/2020/01

SOM Lab

Ref:

2110(Page-1/1)

Dated: 2301-2020

Dated:

27-01-2020

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	2.630	8	0.992	0.79	0.773	25.94	36.56	72430	74020	102080	104320	1.20	8.0	15.0	
2	2.631	8	0.992	0.79	0.773	25.89	36.51	72290	73870	101940	104180	1.50	8.0	18.8	
3	1.465	6	0.741	0.44	0.431	12.81	20.97	64230	65570	105100	107300	1.30	8.0	16.3	
4	1.471	6	0.742	0.44	0.432	12.74	20.90	63870	65050	104750	106690	1.40	8.0	17.5	
5	0.663	4	0.498	0.20	0.195	6.01	8.69	66320	68020	95770	98230	1.60	8.0	20.0	
6	0.667	4	0.500	0.20	0.196	6.01	8.79	66320	67680	96900	98880	1.60	8.0	20.0	
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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

Basharat Munir

Test Performed By:

Dr. /Engr. S Asad Ali Gillani

Project Manager, Dupak Properties (Pvt) Ltd. Defence View Apartments at Shanghaj Road Lahore

Client Reference: Dupak/DVA/039

SOM Lab

Ref: 2111(Page-1/1)

Dated: 27-01-2020

Dated: 27-01-2020

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	2.684	8	1.002	0.79	0.789	23.57	34.42	65800	65880	96100	96230	1.30	8.0	16.3	
2	2.632	8	0.992	0.79	0.773	23.31	34.93	65090	66520	97530	99670	1.20	8.0	15.0	
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BEND TEST:

# 8	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