

Muhammad Saleem

Test Performed By:

Dr. /Engr. S. Asad Ali Gillani

Project Director(North-3),(PAEC) Pakistan Atomic Energy Commission, Chashma

Client Reference: WASO-P(KCI)-LOI-002-(323)/2020/1390

SOM Lab Ref: 4749(Page-1/1)

Dated: 13-08-2021

Dated: 04-08-2021

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	1.455	6	0.738	0.44	0.428	12.69	19.11	63620	65400	95800	98490	1.50	8.0	18.8	
2	1.480	6	0.744	0.44	0.435	12.95	19.42	64890	65640	97340	98460	1.60	8.0	20.0	
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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

Abid Ullah
Project Engineer, Diamond Paint Pvt. Ltd Lahore

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

Client Reference: Nil

SOM Lab Ref: 4751(Page-1/1)

Dated: 04-08-2021

Dated: 04-08-2021

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Gauge Length: 8 inch

Sample Type:

Deformed Bar (Moiz 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	0.585	4	0.468	0.20	0.172	5.42	7.70	59800	69540	84870	98690	1.40	8.0	17.5	
2	0.585	4	0.468	0.20	0.172	5.93	7.67	65420	76070	84530	98290	1.30	8.0	16.3	
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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 Luqman
 Manager Project, Fatima Memorial Hospital, Lahore

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

Client Reference: FMH/RAF/St/02

SOM Lab Ref: 4752(Page-1/1)

Dated: 04-08-2021

Dated: 04-08-2021

Test: Tension Test & Bend Test

Test Specification: ASTM-A-615

ASTM-A-615

Gauge Length: 8 inch

Sample Type: Deformed Bar

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	2.567	8	0.980	0.79	0.754	21.30	32.47	59480	62320	90640	94970	1.50	8.0	18.8	
2	2.576	8	0.982	0.79	0.757	22.80	35.65	63660	66440	99520	103860	1.30	8.0	16.3	
3	1.515	6	0.753	0.44	0.445	15.24	21.05	76390	75530	105510	104330	1.20	8.0	15.0	
4	1.475	6	0.743	0.44	0.433	14.09	19.52	70620	71760	97850	99430	1.10	8.0	13.8	
5	0.675	4	0.502	0.20	0.198	8.21	9.68	90490	91400	106790	107870	1.20	8.0	15.0	
6	0.676	4	0.503	0.20	0.199	7.49	9.86	82620	83040	108700	109250	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

Mr. Usama Shoib

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

Project Incharge, EEPL, ELITE ENGINEERING (PVT) Ltd. (Project: Al Khair Rice Mill Renala)

Client Reference: Nil

SOM Lab Ref: 4753(Page-1/1)

Dated: 03-08-2021

Dated: 04-08-2021

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	1.513	6	0.753	0.44	0.445	13.00	20.44	65150	64420	102450	101300	1.50	8.0	18.8	
2	1.483	6	0.745	0.44	0.436	13.12	20.97	65760	66360	105100	106070	1.50	8.0	18.8	
3	0.666	4	0.500	0.20	0.196	7.51	9.50	82850	84540	104770	106900	1.10	8.0	13.8	
4	0.657	4	0.496	0.20	0.193	7.44	9.50	82060	85040	104770	108570	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

Muhammad Salman
Project Manager, Al- Noor Developers, Lahore

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

Client Reference: nil

SOM Lab Ref: 4754(Page-1/1)

Dated: 04-08-2021

Dated: 04-08-2021

Test: Tension Test & Bend Test

Test Specification: ASTM-A-615

Guage Length: 8 inch

Sample Type: Deformed Bar(Afco 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	1.459	6	0.739	0.44	0.429	13.37	18.11	67040	68760	90800	93130	1.40	8.0	17.5	
2	0.671	4	0.501	0.20	0.197	6.63	8.61	73070	74180	94990	96430	1.30	8.0	16.3	
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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

Muhammad Shoab
Project Manager, Gurmani Foundation,

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

Client Reference: Nil

SOM Lab Ref: 4755(Page-1/1)

Dated: 04-08-2021

Dated: 04-08-2021

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	1.465	6	0.741	0.44	0.431	13.10	17.50	65660	67030	87730	89560	1.60	8.0	20.0	
2	1.502	6	0.749	0.44	0.441	14.07	18.98	70510	70350	95140	94920	1.40	8.0	17.5	
3	0.673	4	0.502	0.20	0.198	6.57	8.89	72510	73240	98020	99010	1.10	8.0	13.8	
4	0.715	4	0.517	0.20	0.210	6.73	8.84	74190	70660	97460	92820	1.20	8.0	15.0	
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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

Umair Maqsood

Test Performed By:

Dr. /Engr. S. Asad Ali Gillani

Sub Divisional Officer, Building Sub Division, Assembly, Lahore

Client Reference: 562-

SOM Lab Ref: 4756(Page-1/1)

Dated: 27-07-2021

Dated: 04-08-2021

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	2.607	8	0.988	0.79	0.766	23.39	31.57	65310	67360	88140	90900	1.20	8.0	15.0	
2	2.606	8	0.988	0.79	0.766	25.35	34.32	70780	72990	95820	98820	1.30	8.0	16.3	
3	1.495	6	0.748	0.44	0.439	13.76	19.75	68980	69140	98970	99200	1.50	8.0	18.8	
4	1.490	6	0.747	0.44	0.438	12.71	19.78	63720	64010	99130	99580	1.40	8.0	17.5	
5	0.667	4	0.500	0.20	0.196	6.14	8.77	67670	69050	96670	98650	1.20	8.0	15.0	
6	0.670	4	0.501	0.20	0.197	6.34	8.94	69920	70990	98580	100080	1.20	8.0	15.0	
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BEND TEST:

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

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