

Syed Samiuddin Ahmed

Test Performed By:

Dr. /Engr.

S. Asad Ali
Gillani

Senior Resident Engineer, ProMag (Pvt) Ltd Site Office - DHA, Mattital Road, Multan

Client Reference: Sec-H/Material/344

Dated: 14-10-2019

SOM Lab Ref: CED/SOM/1573(Page-1/2)

Dated: 15-10-2019

Test: Tension & Bend Test

Test Specification: ASTM-A 615

Sample Type: Deformed Bar

Gauge Length: 200 mm

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)				
	kg/m	mm	mm	mm ²	mm ²	kN	kN	MPa	MPa	MPa	MPa	mm	mm	%	
1	0.882	12	11.94	113	112	68.70	84.20	607	614	744	752	25.0	200	12.5	
2	0.883	12	11.97	113	113	69.70	83.50	616	620	738	743	25.0	200	12.5	
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BEND TEST:

12mm	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

Syed Samiuddin Ahmed

Test Performed By:

Dr. /Engr.

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Gillani

Senior Resident Engineer, ProMag (Pvt) Ltd Site Office - DHA, Mattital Road, Multan

Client Reference: Sec-H/Material/344

Dated: 14-10-2019

SOM Lab Ref: CED/SOM/1573(Page-2/2)

Dated: 15-10-2019

Test: Tension & Bend Test

Test Specification: ASTM-A 615

Sample Type: Deformed Bar(SJ Steel)

Gauge Length: 200 mm

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)				
	kg/m	mm	mm	mm ²	mm ²	kN	kN	MPa	MPa	MPa	MPa	mm	mm	%	
1	0.915	12	12.21	113	117	74.50	83.70	659	637	740	716	25.0	200	12.5	
2	0.917	12	12.20	113	117	66.70	81.00	590	572	716	694	25.0	200	12.5	
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BEND TEST:

12mm	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

Chief Resident Engineer,
DKC. NESPAK (Pvt) Ltd.

Test Performed By:

Dr. /Engr.

S. Asad Ali
Gillani

Client Reference: SA-394/ DKC/EP/TestSM/116

Dated: 04-10-2019

SOM Lab Ref: CED/SOM/1576 (Page-1/1)

Dated: 15-10-2019

Test: Tension Test

Test Specification: ASTM-F-1554

Sample Type: J-Bolt

Gauge Length: 200 mm

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)				
	kg/m	mm	mm	mm ²	mm ²	kN	kN	MPa	MPa	MPa	MPa	mm	mm	%	
1	4.004	25	25.48	491	510	208.70	327.70	425	410	668	643	40.0	200	20.0	
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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

Abdul Ghafar
Project Manager Liberty Builders, Lahore

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

Client Reference: **CONC - 20190715-A**

Dated: 15-10-2019

Test: Tension Test & Bend Test

Test Specification:

SOM Lab

Ref: 1571(Page-1/1)

Dated: 15-10-2019

ASTM-A-615

Deformed Bar(Model Power)

Gauge Length: 8 inch

Sample Type:

[illegible]

BEND TEST:

# 8	Sample bend through 180 degrees Satisfactorily without any crack	Note:- Only Four Samples Received and Tested

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

Project Manager, Maypole Lime Light Pvt. Ltd Project: Maypole Lime Light(Front Building)

Dr. /Engr.

S. Asad Ali
Gillani

Dated: 15-10-2019

Ref: 1572(Page-1/1)

Dated: 15-10-2019

Test Specification:

ASTM-A-615

Deformed

Sample Type:

Bar

[illegible]

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

Senior Resident Engineer, ProMag (Pvt) Ltd Site Office - DHA, Mattital Road, Multan

Dr. /Engr.

S. Asad Ali
Gillani

Dated: 14-10-2019

Ref: 1573(Page-1/2)

Dated: 15-10-2019

Test Specification:

ASTM-A-615

Deformed Bar (Mughal Steel)

Sample Type:

[illegible]

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

Sub Divisional Officer
(Civil) GC University, Faisalabad

Test Performed By: Dr. /Engr.

S. Asad Ali
Gillani

Client Reference: GCUF/EC/1359

Dated: 13-09-2019

Test: Tension Test & Bend Test

Test Specification:

SOM Lab

Ref: 1574 (Page-1/1)

Dated: 15-10-2019

ASTM-A-615

Deformed

Bar

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	1.534	6	0.758	0.44	0.451	14.75	18.62	73940	72130	93350	91080	1.20	8.0	15.0	
2	1.535	6	0.758	0.44	0.451	15.11	18.98	75720	73880	95140	92820	1.40	8.0	17.5	
3	1.019	5	0.617	0.31	0.299	8.07	12.28	57440	59550	87390	90610	1.30	8.0	16.3	
4	1.000	5	0.612	0.31	0.294	7.82	12.18	55630	58650	86670	91380	1.40	8.0	17.5	
5	0.648	4	0.492	0.20	0.190	4.84	7.14	53400	56210	78690	82830	1.30	8.0	16.3	
6	0.745	4	0.528	0.20	0.219	5.52	8.12	60930	55640	89590	81820	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

Prof . Dr. Aman Ullah Khan
 Acting Project Director, Air University, Multan Campus, 4-5th Floor, Khan Centre, Abdali Road, Multan

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

Client Reference: MUX/AUMC/AB1/2018/117

SOM Lab Ref: 1575(P-1/1)

Dated: 14-10-2019

Dated: 15-10-2019

Test: Tension Test & Bend Test

Test Specification: ASTM-A-615

Gauge Length: 8 inch

Sample Type: Deformed Bar (Itteaq 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	2.645	8	0.995	0.79	0.777	31.40	38.74	87650	89120	108140	109950	1.00	8.0	12.5	
2	2.648	8	0.995	0.79	0.778	28.34	36.80	79120	80340	102730	104320	1.10	8.0	13.8	
3	1.501	6	0.749	0.44	0.441	15.16	19.54	75980	75810	97950	97730	1.00	8.0	12.5	
4	1.499	6	0.749	0.44	0.441	15.24	19.42	76390	76220	97340	97120	1.20	8.0	15.0	
5	1.024	5	0.619	0.31	0.301	11.26	13.46	80140	82530	95730	98590	1.00	8.0	12.5	
6	1.017	5	0.617	0.31	0.299	10.91	13.05	77600	80460	92830	96240	1.00	8.0	12.5	
7	0.673	4	0.502	0.20	0.198	5.05	7.31	55650	56210	80600	81410	1.50	8.0	18.8	
8	0.670	4	0.501	0.20	0.197	4.89	7.24	53960	54780	79810	81030	1.70	8.0	21.3	
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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

Rashid Kamran
Resident Engineer, NESPAK (Pvt) Ltd. Lahore

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

Client Reference: 4047-R3/13/RK/1/26
Dated: 14-10-2019

SOM Lab
Ref: 1580(Page-1/1)
Dated: 15-10-2019

Test: Tension Test & Bend Test Test Specification: ASTM-A-615
Gauge Length: 8 inch Sample Type: Deformed Bar (Ittefaq 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	2.650	8	0.996	0.79	0.779	28.51	35.75	79600	80720	99800	101210	1.10	8.0	13.8	
2	2.653	8	0.997	0.79	0.780	27.93	35.63	77980	78980	99460	100740	1.00	8.0	12.5	
3	1.502	6	0.749	0.44	0.441	13.51	17.02	67700	67550	85330	85140	1.00	8.0	12.5	
4	1.474	6	0.743	0.44	0.433	14.78	19.08	74090	75290	95650	97200	1.00	8.0	12.5	
5	0.666	4	0.500	0.20	0.196	7.03	9.86	77560	79150	108700	110920	1.00	8.0	12.5	
6	0.673	4	0.502	0.20	0.198	6.29	9.91	69360	70060	109260	110370	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