

Javaid Ali Company
 Iglo Javaid Ali Company, Contractor & General Order Suppliers, Lahore

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

Client Reference: Nil

SOM Lab

Ref: 2593(Page-1/1)

Dated: 17-06-2020

Dated: 17-06-2020

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Deformed

Gauge Length: 8 inch

Sample Type:

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	1.492	6	0.747	0.44	0.438	12.92	20.51	64740	65040	102800	103270	1.30	8.0	16.3	
2	0.999	5	0.612	0.31	0.294	9.45	15.06	67230	70890	107120	112940	1.00	8.0	12.5	
3	0.647	4	0.492	0.20	0.190	5.93	8.84	65420	68870	97460	102590	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
# 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

Rana Aadil Farooq
Deputy Director (QCD), WASA, LDA, Lahore

Test Performed By: Dr. /Engr.

S. Asad Ali
Gillani

Client Reference: QCD/ 984-85

SOM Lab
Ref:

2595(Page-
2/2)

Dated: 10-06-2020

Dated:

17-06-2020

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Guage 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	1.493	6	0.748	0.44	0.439	13.71	21.05	68730	68880	105510	105750	1.30	8.0	16.3	
2	1.494	6	0.748	0.44	0.439	13.76	21.00	68980	69140	105260	105500	1.30	8.0	16.3	
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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

Syed Mohsin Ali
 Manager QA/QC, Department, Bahria Town, (Pvt) Ltd Lahore

Test Performed By: Dr. /Engr.

S. Asad Ali
Gillani

Client Reference: QA/QC-Steel-1999

Dated: 10-06-2020

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

Test Specification:
 Sample Type:

SOM Lab

Ref: 2596(Page-1/1)

Dated: 17-06-2020

ASTM-A-615

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	1.479	6	0.744	0.44	0.435	16.02	20.10	80320	81250	100760	101920	1.10	8.0	13.8	
2	1.480	6	0.744	0.44	0.435	16.10	20.25	80680	81610	101530	102690	1.00	8.0	12.5	
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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

Syed Mohsin Ali
 Manager QA/QC, Department, Bahria Town, (Pvt) Ltd Lahore

Test Performed By: Dr. /Engr. Nauman Khurram

Client Reference: QA/QC-Steel-2012

SOM Lab
 Ref: 2597(Page-1/1)

Dated: 17-06-2020

Dated: 17-06-2020

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615
 Deformed Bar(FF
 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	0.666	4	0.500	0.20	0.196	7.03	8.56	77560	79150	94420	96350	1.10	8.0	13.8	
2	0.666	4	0.500	0.20	0.196	6.95	8.87	76660	78230	97800	99790	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

Syed Mohsin Ali
 Manager QA/QC, Department, Bahria Town, (Pvt) Ltd Lahore

Test Performed By: Dr. /Engr.

S. Asad Ali
Gillani

Client Reference: QA/QC-Steel-2012

SOM Lab

Ref: 2598(Page-1/1)

Dated: 17-06-2020

Dated: 17-06-2020

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Deformed Bar(FF
 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	2.583	8	0.983	0.79	0.759	25.56	34.25	71350	74260	95620	99530	1.20	8.0	15.0	
2	2.604	8	0.987	0.79	0.765	26.30	34.76	73420	75820	97040	100210	1.30	8.0	16.3	
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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

TSM Design Studio (Pvt) Ltd.
Lahore

Test Performed By:

Dr. /Engr.

S. Asad Ali
Gillani

Client Reference: nil

Dated: 10-06-2020

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

Test Specification:
Sample Type:

SOM Lab
Ref:

Dated:

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1/1)

17-06-2020

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	1.502	6	0.749	0.44	0.441	14.70	19.88	73680	73510	99640	99410	1.20	8.0	15.0	
2	1.515	6	0.753	0.44	0.445	14.70	20.03	73680	72850	100400	99270	1.40	8.0	17.5	
3	0.668	4	0.500	0.20	0.196	6.70	9.17	73850	75360	101170	103230	1.30	8.0	16.3	
4	0.658	4	0.496	0.20	0.193	6.80	9.17	74980	77700	101170	104840	1.20	8.0	15.0	
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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