

Al Mustafa Contractor (Pvt) Ltd.
Lahore.(Bonded Warehouse Sialkot Dry Port Trust)

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

Client Reference: AMC/UET/2022-24

SOM Lab Ref: 260 (P-1/1)

Dated: 22-11-2024

Dated: 25-11-2024

Test: Tension Test

Test Specification:

ASTM-A706

Gauge Length: 200 mm

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)				
	kg/m	mm	mm	mm ²	mm ²	kN	kN	MPa	MPa	MPa	MPa	mm	mm	%	
1	2.180	16	18.81	201	278	143.00	198.50	711	515	988	715	32.5	200	16.3	
2	2.182	16	18.81	201	278	144.00	196.50	716	519	978	707	32.5	200	16.3	
3	0.990	12	12.67	113	126	67.00	86.00	593	532	761	682	30.0	200	15.0	
4	0.992	12	12.68	113	126	65.70	85.20	581	521	754	675	32.5	200	16.3	
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BEND TEST:

16mm	Sample bend through 180 degrees Satisfactorily without any crack	Note:- Only Six Samples Received and Tested
12mm	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

Hasnain Ahmed, SI

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

M. Saleem Construction Company Sheikhpura.(Construction of Mazzine floor at Tapal Tea Pvt Ltd)

Client Reference: Nil

SOM Lab

Ref: 259(Page-1/1)

Dated: 25-11-2024

Dated: 25-11-2024

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	2.560	8	0.979	0.79	0.752	22.85	31.80	63810	67030	88790	93280	1.40	8.0	17.5	
2	1.482	6	0.745	0.44	0.436	14.58	18.88	73070	73740	94630	95500	1.30	8.0	16.3	
3	0.687	4	0.507	0.20	0.202	5.91	7.61	65200	64550	83970	83140	1.30	8.0	16.3	
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BEND TEST:

# 8	Sample bend through 180 degrees Satisfactorily without any crack	Note:- Only Six 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

M.Azhar Akhtar, RE

Test Performed By:

Dr. /Engr.

Asad Ali Gillani

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

Client Reference: 4769/13/MAA/24/72

SOM Lab

Ref:

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Dated: 12-11-2024

Dated:

25-11-2024

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	1.476	6	0.743	0.44	0.434	13.81	20.20	69240	70190	101270	102670	1.30	8.0	16.3	
2	1.477	6	0.743	0.44	0.434	13.71	20.29	68730	69680	101680	103090	1.40	8.0	17.5	
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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

M.Azhar Akhtar, RE

Test Performed By:

Dr. /Engr.

Asad Ali Gillani

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

Client Reference: 4769/13/MAA/24/71

SOM Lab

Ref:

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Dated: 12-11-2024

Dated:

25-11-2024

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	0.666	4	0.500	0.20	0.196	6.60	8.79	72730	74210	96900	98880	1.20	8.0	15.0	
2	0.666	4	0.500	0.20	0.196	6.47	8.79	71380	72840	96900	98880	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

Muhammad Azmat, RE

Test Performed By:

Dr. /Engr.

Asad Ali Gillani

NESPAK-Turkpak JV Lhr.(Reconstruction of Lady Willingdon Hospital,Lahore)

Client Reference: 4729/13/MA/04/136

SOM Lab

Ref:

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Dated: 23-11-2024

Dated:

25-11-2024

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Gauge Length: 8 inch

Sample Type:

Deformed Bar (AF 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	0.665	4	0.498	0.20	0.195	6.65	9.30	73290	75170	102520	105150	1.30	8.0	16.3	
2	0.666	4	0.500	0.20	0.196	6.85	9.28	75540	77080	102290	104380	1.00	8.0	12.5	
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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