

Sub Divisional officer,

Test Performed By:

Dr. /Engr.

Asad Ali Gillani

BSD No.05,Lhr.(Ext/Expansion Of Inspectorate Of Punjab Lahore Group No.1)

Client Reference: 2103/5th

SOM Lab

1094 (Page-

Ref:

1/4)

Dated: 11-10-2022

Dated:

17-10-2022

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	2.729	8	1.011	0.79	0.802	19.88	31.19	55500	54670	87080	85780	1.70	8.0	21.3	
2	2.764	8	1.017	0.79	0.812	20.36	31.88	56830	55290	88990	86580	1.60	8.0	20.0	
3	1.490	6	0.747	0.44	0.438	12.33	19.44	61830	62110	97440	97880	1.30	8.0	16.3	
4	1.470	6	0.742	0.44	0.432	12.44	19.49	62340	63490	97690	99500	1.40	8.0	17.5	
5	0.672	4	0.501	0.20	0.197	5.81	8.69	64080	65050	95770	97230	1.10	8.0	13.8	
6	0.671	4	0.501	0.20	0.197	5.99	8.97	66100	67110	98920	100430	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

Sub Divisional officer,
 BSD No.22,Lhr.(Const Of Population Welfare House Punjab,at Lahore)

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

Client Reference: 172/22nd

SOM Lab 1094 (Page-

Ref: 2/4)

Dated: 03-10-2022

Dated: 17-10-2022

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	2.751	8	1.014	0.79	0.808	19.88	30.91	55500	54260	86290	84360	1.50	8.0	18.8	
2	2.742	8	1.013	0.79	0.806	20.25	31.47	56550	55430	87850	86110	1.60	8.0	20.0	
3	1.481	6	0.744	0.44	0.435	12.15	19.27	60910	61610	96570	97680	1.40	8.0	17.5	
4	1.486	6	0.746	0.44	0.437	12.30	19.44	61670	62100	97440	98110	1.30	8.0	16.3	
5	0.685	4	0.506	0.20	0.201	5.78	8.79	63740	63420	96900	96420	1.10	8.0	13.8	
6	0.676	4	0.503	0.20	0.199	5.83	8.95	64300	64620	98700	99190	1.00	8.0	12.5	
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Sub Divisional officer,
 BSD No.15,Lhr.(Forest Complex at Ravi road Lahore)

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

Client Reference: 2184

SOM Lab 1094 (Page-

Ref: 3/4)

Dated: 11-10-2022

Dated: 17-10-2022

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	2.751	8	1.014	0.79	0.808	19.95	30.99	55700	54450	86510	84590	1.50	8.0	18.8	
2	2.747	8	1.014	0.79	0.807	19.67	31.04	54930	53770	86660	84830	1.70	8.0	21.3	
3	1.481	6	0.744	0.44	0.435	12.25	19.32	61420	62120	96830	97940	1.10	8.0	13.8	
4	1.481	6	0.744	0.44	0.435	12.49	19.52	62590	63310	97850	98970	1.20	8.0	15.0	
5	0.682	4	0.505	0.20	0.200	5.78	8.82	63740	63740	97230	97230	1.10	8.0	13.8	
6	0.684	4	0.506	0.20	0.201	5.81	8.87	64080	63760	97800	97310	1.20	8.0	15.0	
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Sub Divisional officer,

Test Performed By:

Dr. /Engr. Asad Ali Gillani

BSD No.15,Lhr.(Const Of Court Rooms for Judicial Officers at Model Town Lahore Group No.1)

Client Reference: 2185

SOM Lab 1094 (Page-

Ref: 4/4)

Dated: 11-10-2022

Dated: 17-10-2022

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	2.751	8	1.014	0.79	0.808	19.80	31.11	55270	54040	86860	84920	1.70	8.0	21.3	
2	2.787	8	1.021	0.79	0.819	20.54	31.82	57350	55320	88850	85700	1.60	8.0	20.0	
3	1.463	6	0.740	0.44	0.430	12.24	19.52	61370	62790	97850	100120	1.10	8.0	13.8	
4	1.471	6	0.742	0.44	0.432	12.34	19.42	61880	63020	97340	99140	1.40	8.0	17.5	
5	0.684	4	0.506	0.20	0.201	5.88	8.66	64860	64540	95550	95070	1.10	8.0	13.8	
6	0.691	4	0.508	0.20	0.203	5.86	8.97	64640	63680	98920	97460	1.00	8.0	12.5	
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