

Sub Divisional officer,

Test Performed By:

Dr. /Engr. Asad Ali Gillani

High Div Khushab(Dualization Of Sargodha Khushab Mianwali Rd In Distt Khushab Group-II)

Client Reference: 174/CB

SOM Lab

Ref: 124 (Page-1/1)

Dated: 22-01-2022

Dated: 07-04-2022

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	2.760	8	1.016	0.79	0.811	23.96	34.71	66880	65150	96900	94390	1.30	8.0	16.3	
2	2.721	8	1.009	0.79	0.800	24.03	35.04	67080	66240	97810	96590	1.20	8.0	15.0	
3	1.532	6	0.757	0.44	0.450	15.29	20.31	76640	74940	101780	99520	1.10	8.0	13.8	
4	1.528	6	0.756	0.44	0.449	15.41	20.51	77260	75710	102800	100740	1.10	8.0	13.8	
5	0.667	4	0.500	0.20	0.196	6.17	8.36	68010	69400	92180	94060	1.20	8.0	15.0	
6	0.668	4	0.500	0.20	0.196	6.19	8.48	68230	69630	93530	95430	1.00	8.0	12.5	
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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

Farooqs Building Solutions
Lahore.(House # 3.5 Marla Wazirabad)

Test Performed By: Dr. /Engr.

S. Asad Ali
Gillani

Client Reference: Nil

SOM Lab

Ref: 125 (Page-1/1)

Dated: 07-04-2022

Dated: 07-04-2022

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	1.489	6	0.747	0.44	0.438	15.31	19.29	76750	77100	96670	97110	1.00	8.0	12.5	
2	0.642	4	0.491	0.20	0.189	6.32	8.79	69700	73750	96900	102540	1.00	8.0	12.5	
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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 Imran Khan
ME ECSP.(Reconstruction Of Pipal House A-Block Lahore)

Test Performed By: Dr. /Engr. Rehan Ashraf

Client Reference: 343/ECSP/PH/ME/15

SOM Lab

Ref: 126 (Page-1/1)

Dated: 04-04-2022

Dated: 07-04-2022

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Deformed Bar (SJ
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	2.526	8	0.972	0.79	0.742	24.06	34.81	67160	71510	97190	103470	1.50	8.0	18.8	
2	2.539	8	0.975	0.79	0.746	24.03	34.96	67080	71030	97610	103370	1.50	8.0	18.8	
3	1.513	6	0.753	0.44	0.445	14.32	18.09	71790	70980	90690	89680	1.40	8.0	17.5	
4	1.517	6	0.754	0.44	0.446	14.37	18.20	72050	71080	91210	89980	1.50	8.0	18.8	
5	0.672	4	0.501	0.20	0.197	7.46	9.48	82290	83540	104540	106130	1.10	8.0	13.8	
6	0.673	4	0.502	0.20	0.198	7.44	9.58	82060	82890	105670	106730	1.20	8.0	15.0	
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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

Muddasir Ali
Lahore

Test Performed By:

Dr. /Engr.

S. Asad Ali
Gillani

Client Reference: Nil

Dated: 07-04-2022

Test: Tension Test & Bend Test

Test Specification:

SOM Lab

Ref:

127 (Page-1/1)

Dated:

07-04-2022

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	2.755	8	1.016	0.79	0.810	31.96	40.13	89220	87010	112040	109270	1.20	8.0	15.0	
2	1.445	6	0.736	0.44	0.425	14.34	19.06	71890	74430	95550	98920	1.20	8.0	15.0	
3	0.647	4	0.492	0.20	0.190	7.14	9.09	78690	82830	100270	105550	1.00	8.0	12.5	
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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

Sub Divisional officer,
 BSD Hafizabad.(UpGradation Of D.H.Q Hospital Hafizabad)(Group No.4)

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

Client Reference: 1166/HZ

SOM Lab

Ref: 128 (Page-1/1)

Dated: 02-04-2022

Dated: 07-04-2022

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	2.655	8	0.997	0.79	0.780	26.76	34.42	74700	75660	96100	97340	1.10	8.0	13.8	
2	2.630	8	0.992	0.79	0.773	27.19	34.51	75900	77570	96330	98450	1.10	8.0	13.8	
3	1.513	6	0.753	0.44	0.445	16.92	20.34	84820	83870	101940	100790	1.10	8.0	13.8	
4	1.504	6	0.750	0.44	0.442	16.31	19.64	81750	81380	98460	98020	1.10	8.0	13.8	
5	0.663	4	0.498	0.20	0.195	5.52	7.77	60930	62490	85660	87850	1.40	8.0	17.5	
6	0.662	4	0.498	0.20	0.195	5.58	7.82	61490	63070	86220	88430	1.40	8.0	17.5	
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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

