

Raja Muhammad Aqeel

Test Performed By:

Dr. /Engr.

Asad Ali Gillani

Astt Dir. Building Section DHA Gujranwala. (Const Of 5 Marla Villas Block-B)

Client Reference: 111/3/AD Bldgs/Lab/1307

SOM Lab

Ref:

3932 (Page-1/1)

Dated: 03-04-2024

Dated:

05-04-2024

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Gauge Length: 8 inch

Sample Type:

Deformed Bar (SJ 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	0.669	4	0.501	0.20	0.197	7.00	8.92	77230	78400	98360	99860	1.10	8.0	13.8	
2	0.673	4	0.502	0.20	0.198	6.95	8.77	76660	77440	96670	97650	1.20	8.0	15.0	
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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

Executive Engineer

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

Road Const. Div Lahore.(Special Repair of Approach Road to Bibi Pak Daman Shrine in Distt Lhr)

Client Reference: EE(RC)/2945/CB/ST

SOM Lab

Ref: 3933 (Page-1/1)

Dated: 06-02-2024

Dated: 05-04-2024

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	0.674	4	0.502	0.20	0.198	5.10	7.16	56210	56770	78910	79710	1.20	8.0	15.0	
2	0.667	4	0.500	0.20	0.196	5.30	7.54	58460	59650	83180	84880	1.10	8.0	13.8	
3	0.668	4	0.500	0.20	0.196	5.27	7.51	58120	59300	82850	84540	1.20	8.0	15.0	
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BEND TEST:

# 4	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

Engr.Asif Jah

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

X.E.N Tamirat Committee Anjuman Himayat-I-Islam Lhr.(Const Of New Block H.I. School)

Client Reference: AHI/TM,1663

SOM Lab

Ref: 3934 (Page-1/1)

Dated: 04-04-2024

Dated: 05-04-2024

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	2.686	8	1.002	0.79	0.789	25.28	34.88	70580	70670	97380	97510	1.50	8.0	18.8	
2	2.687	8	1.003	0.79	0.790	25.69	34.83	71720	71720	97240	97240	1.40	8.0	17.5	
3	1.487	6	0.746	0.44	0.437	14.80	19.39	74190	74700	97180	97850	1.40	8.0	17.5	
4	1.480	6	0.744	0.44	0.435	14.78	19.39	74090	74940	97180	98300	1.40	8.0	17.5	
5	0.669	4	0.501	0.20	0.197	6.65	8.92	73290	74410	98360	99860	1.20	8.0	15.0	
6	0.670	4	0.501	0.20	0.197	6.63	8.87	73070	74180	97800	99290	1.30	8.0	16.3	
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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

Manager Construction

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

Aziz Fatima Medical & Dental College Faisalabad.(Canal View Hospital Faisalabad)

Client Reference: Nil

SOM Lab

Ref: 3935 (Page-1/1)

Dated: 18-03-2024

Dated: 05-04-2024

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	1.453	6	0.737	0.44	0.427	14.65	20.15	73430	75660	101020	104090	1.30	8.0	16.3	
2	1.490	6	0.747	0.44	0.438	15.36	20.87	77000	77350	104590	105070	1.20	8.0	15.0	
3	0.670	4	0.501	0.20	0.197	6.75	8.84	74420	75550	97460	98940	1.20	8.0	15.0	
4	0.668	4	0.500	0.20	0.196	6.73	8.77	74190	75710	96670	98650	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

Amer Yasin, SDO B&R-II

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

GE(Army) Multan.(Const Of 8 x Sldrs Flats (G+3),52 C,HQ 1Armd Div at Multan Cantt)

Client Reference: 6329/16/E-6

SOM Lab

Ref: 3936 (Page-1/1)

Dated: 03-04-2024

Dated: 05-04-2024

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	2.657	8	0.997	0.79	0.781	22.34	35.58	62380	63100	99320	100460	1.50	8.0	18.8	
2	2.655	8	0.997	0.79	0.780	22.32	35.55	62330	63120	99230	100510	1.50	8.0	18.8	
3	1.515	6	0.753	0.44	0.445	13.51	19.93	67700	66940	99890	98770	1.40	8.0	17.5	
4	1.499	6	0.749	0.44	0.441	12.90	19.54	64640	64490	97950	97730	1.30	8.0	16.3	
5	1.039	5	0.623	0.31	0.305	8.97	13.83	63820	64870	98410	100030	1.20	8.0	15.0	
6	1.060	5	0.630	0.31	0.312	9.12	13.99	64910	64490	99500	98860	1.30	8.0	16.3	
7	0.656	4	0.496	0.20	0.193	5.26	7.82	58010	60110	86220	89350	1.40	8.0	17.5	G-40
8	0.656	4	0.496	0.20	0.193	5.15	7.75	56770	58830	85430	88530	1.50	8.0	18.8	G-40
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BEND TEST:

# 8	Sample bend through 180 degrees Satisfactorily without any crack	<p>Note:-</p> <p>Only Twelve Samples Received and Tested</p>
# 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