

Jamal Abdul Nasir
SRE ACES, DHA Multan

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

Client Reference: RE/SEC-U/Lab/001
SOM Lab Ref: CED/SOM/139(Page-1/1)
Test: Tension Test & Bend Test
Sample Type: Deformed Bar (SJ Steel)

Dated: 08-04-2022
Dated: 11-04-2022
Test Specification: ASTM-A 615
Gauge Length: 200 mm

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	0.878	12	11.94	113	112	63.70	79.00	563	569	699	706	30.0	200	15.0	
2	0.884	12	11.97	113	113	63.50	78.00	561	565	690	693	27.5	200	13.8	
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BEND TEST:

12mm	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

Maj Adnan Khalid (R)

Test Performed By:

Dr. /Engr.

Asad Ali Gillani

Dy Dir MTL DHA Lahore,(Const Of Entry Gate No.6 Sec-4 DHA Ph-XI (M/s Fauz Eng))

Client Reference: 408/241/32/Lab/93/1600

SOM Lab

Ref:

133 (Page-1/1)

Dated: 08-04-2022

Dated:

11-04-2022

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Gauge Length: 8 inch

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)				
	lb/ft	#	in	in ²	in ²	Tons	Tons	psi	psi	psi	psi	in	in	%	
1	2.654	8	0.997	0.79	0.780	24.11	33.03	67310	68170	92210	93390	1.40	8.0	17.5	
2	2.626	8	0.991	0.79	0.772	25.20	34.22	70350	71990	95530	97760	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

M. Saleem
Construction Company Engrs & Contractors, Sheikhpura.

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

Client Reference: Nil

SOM Lab

Ref: 134 (Page-1/1)

Dated: 11-04-2022

Dated: 11-04-2022

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	2.630	8	0.992	0.79	0.773	24.03	33.54	67080	68550	93630	95690	1.50	8.0	18.8	
2	1.438	6	0.734	0.44	0.423	14.22	20.41	71280	74140	102290	106400	1.20	8.0	15.0	
3	0.650	4	0.493	0.20	0.191	6.85	9.14	75540	79100	100830	105580	1.20	8.0	15.0	
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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

SAMR Hospital
Sialkot.(Const Of SAMR Hospital-Sialkot)

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

Client Reference: Nil

SOM Lab

Ref: 135 (Page-1/1)

Dated: 28-03-2022

Dated: 11-04-2022

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Gauge Length: 8 inch

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)				
	lb/ft	#	in	in ²	in ²	Tons	Tons	psi	psi	psi	psi	in	in	%	
1	1.525	6	0.755	0.44	0.448	15.19	20.08	76130	74770	100660	98860	1.10	8.0	13.8	
2	1.481	6	0.744	0.44	0.435	14.75	19.47	73940	74790	97590	98710	1.30	8.0	16.3	
3	0.646	4	0.492	0.20	0.190	6.29	8.87	69360	73010	97800	102940	1.30	8.0	16.3	
4	0.674	4	0.502	0.20	0.198	6.63	9.30	73070	73810	102520	103550	1.30	8.0	16.3	
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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

Syed Hassan Raza
H.No.1910-Y-Ph-7 DHA Lahore

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

Client Reference: Nil

SOM Lab

Ref: 136 (Page-1/1)

Dated: 11-04-2022

Dated: 11-04-2022

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	1.509	6	0.751	0.44	0.443	14.80	18.67	74190	73690	93610	92970	1.30	8.0	16.3	
2	0.667	4	0.500	0.20	0.196	7.70	9.99	84870	86600	110160	112410	0.90	8.0	11.3	
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BEND TEST:

--	No Bend test performed	Note:- Only Two Samples Received and Tested

Note: Please always confirm the results of above report on web www.uet-civil.edu.pk

Naeem Akhtar
 Dir, Usman Ibrahim Construction. Lahore

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

Client Reference: Nil

SOM Lab

Ref: 137 (Page-1/1)

Dated: 11-04-2022

Dated: 11-04-2022

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	0.653	4	0.494	0.20	0.192	6.22	8.28	68570	71430	91280	95080	1.20	8.0	15.0	
2	0.656	4	0.496	0.20	0.193	6.24	8.36	68800	71290	92180	95520	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

Naeem Akhtar
 Director, Usman Ibrahim Construction, Lahore

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

Client Reference: Nil

SOM Lab

Ref: 138 (Page-1/1)

Dated: 11-04-2022

Dated: 11-04-2022

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	2.614	8	0.989	0.79	0.768	26.20	37.21	73140	75230	103870	106850	1.30	8.0	16.3	
2	2.611	8	0.988	0.79	0.767	25.99	35.47	72570	74750	99030	102000	1.50	8.0	18.8	
3	1.477	6	0.743	0.44	0.434	14.19	19.37	71130	72110	97080	98420	1.50	8.0	18.8	
4	1.480	6	0.744	0.44	0.435	14.90	19.83	74700	75560	99380	100520	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	

Note: Please always confirm the results of above report on web www.uet-civil.edu.pk

Sohail Anjum

Test Performed By:

Dr. /Engr.

Rehan Ashraf

PM MS Tower,J4 Lahore (Const Of MS Tower At Plot 450,451 Johar Town Lahore)

Client Reference: MST/UET/2022/S-002

SOM Lab

Ref:

140 (Page-1/1)

Dated: 09-04-2022

Dated:

11-04-2022

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Gauge Length: 8 inch

Sample Type:

Deformed Bar (Amreli 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	1.483	6	0.745	0.44	0.436	16.11	19.44	80730	81470	97440	98330	1.40	8.0	17.5	
2	1.485	6	0.745	0.44	0.436	16.21	19.52	81240	81990	97850	98750	1.50	8.0	18.8	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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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

Engr. Mian Mubashar Rafiq

Test Performed By:

Dr. /Engr.

Asad Ali Gillani

PM Union Developers Lhr.(const. Of Union Luxury Apartments,Etihad Town Lahore.)

Client Reference: UA/SO/2022/018

SOM Lab

Ref:

141 (Page-1/1)

Dated: 08-04-2022

Dated:

11-04-2022

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Gauge Length: 8 inch

Sample Type:

Deformed Bar (Afco 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	1.513	6	0.753	0.44	0.445	17.53	20.61	87880	86900	103310	102150	1.10	8.0	13.8	
2	1.491	6	0.747	0.44	0.438	16.62	19.93	83290	83670	99890	100350	1.30	8.0	16.3	
3	1.480	6	0.744	0.44	0.435	16.92	20.51	84820	85790	102800	103990	1.10	8.0	13.8	
4	1.521	6	0.754	0.44	0.447	16.31	19.67	81750	80470	98610	97070	1.10	8.0	13.8	
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BEND TEST:

6 Sample bend through 180 degrees Satisfactorily without any crack

6 Sample bend through 180 degrees Satisfactorily without any crack

Note:-

Only Six Samples
Received and Tested

Note: Please always confirm the results of above report on web www.uet-civil.edu.pk

Asif Pervaiz Butt
RE AYQ Developers Pvt Ltd.

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

Client Reference: Nil

SOM Lab

Ref: 142 (Page-1/1)

Dated: 11-04-2022

Dated: 11-04-2022

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	2.664	8	0.998	0.79	0.783	20.59	30.65	57490	58000	85570	86340	1.60	8.0	20.0	
2	2.658	8	0.997	0.79	0.781	20.05	30.17	55980	56620	84240	85210	1.40	8.0	17.5	
3	2.658	8	0.997	0.79	0.781	20.03	28.85	55920	56570	80540	81470	1.70	8.0	21.3	
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BEND TEST:

# 8	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

Abdul Qadir
Lahore

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

Client Reference: Nil

SOM Lab

Ref: 143 (Page-1/1)

Dated: 11-04-2022

Dated: 11-04-2022

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	2.631	8	0.992	0.79	0.773	27.27	35.37	76130	77800	98750	100920	1.60	8.0	20.0	
2	2.622	8	0.991	0.79	0.771	27.14	35.27	75760	77620	98470	100890	1.40	8.0	17.5	
3	1.498	6	0.748	0.44	0.440	14.65	19.24	73430	73430	96420	96420	1.30	8.0	16.3	
4	1.510	6	0.752	0.44	0.444	15.29	19.57	76640	75950	98100	97220	1.20	8.0	15.0	
5	0.674	4	0.502	0.20	0.198	6.98	9.35	77000	77780	103080	104120	1.20	8.0	15.0	
6	0.667	4	0.500	0.20	0.196	6.95	9.23	76660	78230	101730	103810	1.30	8.0	16.3	
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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

Engr. Javed Asad

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

CRE JIP Consultants.(Const.of Jalapur Irrigation Canal and Its System)(No.JIP/WkS/ICB/P3)

Client Reference: JIPIC/TECH/CRE/P3/84

SOM Lab

Ref: 144 (Page-1/1)

Dated: 11-04-2022

Dated: 11-04-2022

Test: Tension Test & Bend Test

Test Specification: ASTM-A-615

Gauge Length: 8 inch

Sample Type: Deformed Bar (Ittehad 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	1.512	6	0.752	0.44	0.444	17.10	20.51	85740	84970	102800	101880	1.30	8.0	16.3	
2	1.579	6	0.769	0.44	0.464	17.94	21.22	89930	85280	106380	100880	1.20	8.0	15.0	
3	1.025	5	0.619	0.31	0.301	9.53	12.25	67810	69840	87170	89780	1.50	8.0	18.8	
4	1.019	5	0.617	0.31	0.299	9.25	11.95	65780	68200	85000	88120	1.50	8.0	18.8	
5	0.668	4	0.500	0.20	0.196	6.07	8.87	66890	68250	97800	99790	1.30	8.0	16.3	
6	0.656	4	0.496	0.20	0.193	5.98	8.77	65990	68380	96670	100180	1.30	8.0	16.3	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

BEND TEST:

# 6	Sample bend through 180 degrees Satisfactorily without any crack	Note:- Only Nine 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

Basharat Munir

PM DUPAK Properties (Pvt.)Ltd (Defence View Apartments at Shanghai Road Lahore)

Test Performed By: Dr. /Engr.

S. Asad Ali
Gillani

Client Reference: DUPAK/DVA/059

Dated: 10-04-2022

Test: Tension Test & Bend Test

Gauge Length: 8 inch

Test Specification:

Sample Type:

SOM Lab

Ref: 145 (Page-1/1)

Dated: 11-04-2022

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	2.544	8	0.976	0.79	0.748	26.45	36.16	73850	78000	100940	106610	1.50	8.0	18.8	
2	2.545	8	0.976	0.79	0.748	24.33	32.49	67930	71750	90700	95790	1.50	8.0	18.8	
3	1.459	6	0.739	0.44	0.429	13.32	18.14	66780	68500	90950	93280	1.50	8.0	18.8	
4	1.469	6	0.742	0.44	0.432	12.46	17.76	62440	63600	89010	90660	1.40	8.0	17.5	
5	0.661	4	0.497	0.20	0.194	6.27	8.61	69130	71270	94990	97920	1.60	8.0	20.0	
6	0.661	4	0.497	0.20	0.194	6.39	8.63	70480	72660	95210	98160	1.40	8.0	17.5	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

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

Executive Engineer (B&W)

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

UVAS,Lhr(Provision Of Urgently Needed Female Hostel Facilites At UVAS AT Ravi Campus,Pattoki)

Client Reference: E. E 732

SOM Lab

Ref: 146 (Page-1/1)

Dated: 10-03-2022

Dated: 11-04-2022

Test: Tension Test & Bend Test

Test Specification: ASTM-A-615

Gauge Length: 8 inch

Sample Type: Deformed Bar (Moiz 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	0.663	4	0.498	0.20	0.195	6.42	9.40	70820	72640	103640	106300	1.30	8.0	16.3	
2	0.661	4	0.497	0.20	0.194	6.37	9.43	70260	72430	103980	107190	1.40	8.0	17.5	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
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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