

Sher Afgan

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

XEN GE (Army)-I Gwa.(Const Of 8x Sldrs Flats "G+3" 148 Lt AD regt,HQ 19 IABG at Gwa Cantt)

Client Reference: 6180-2726/7/E-6

SOM Lab

Ref: 3466 (Page-1/1)

Dated: 05-01-2024

Dated: 08-01-2024

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	2.691	8	1.004	0.79	0.791	25.10	34.10	70070	69980	95190	95070	1.30	8.0	16.3	
2	2.735	8	1.012	0.79	0.804	25.56	34.48	71350	70100	96250	94570	1.40	8.0	17.5	
3	1.523	6	0.755	0.44	0.448	14.32	21.20	71790	70510	106280	104380	1.40	8.0	17.5	
4	1.529	6	0.756	0.44	0.449	14.39	21.30	72150	70700	106790	104650	1.50	8.0	18.8	
5	1.035	5	0.622	0.31	0.304	11.03	14.17	78470	80020	100810	102800	1.20	8.0	15.0	
6	1.043	5	0.625	0.31	0.307	10.86	13.99	77240	77990	99500	100470	1.30	8.0	16.3	
7	0.658	4	0.496	0.20	0.193	6.80	8.94	74980	77700	98580	102160	1.00	8.0	12.5	
8	0.660	4	0.497	0.20	0.194	6.75	8.97	74420	76720	98920	101980	1.30	8.0	16.3	
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BEND TEST:

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

Traiq Mehmood
Site Engineer LORD`S Residencia Lahore.

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

Client Reference: 004

SOM Lab

Ref: 3467 (Page-1/1)

Dated: 06-01-2024

Dated: 08-01-2024

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	2.577	8	0.982	0.79	0.757	29.46	38.53	82250	85830	107570	112260	1.30	8.0	16.3	
2	1.555	6	0.763	0.44	0.457	13.25	22.80	66430	63960	114300	110050	1.30	8.0	16.3	
3	0.717	4	0.518	0.20	0.211	6.52	10.06	71940	68190	110950	105160	1.10	8.0	13.8	
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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

IBNA AL AZIZ

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

New Garden Town Lahore.(Project Sapphir resident 84-Arif Jan Road Cantt Lahore)

Client Reference: IAA-131223

SOM Lab

Ref: 3468 (Page-1/1)

Dated: 08-Jan-2024

Dated: 08-01-2024

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Gauge Length: 8 inch

Sample Type:

Deformed Bar (Model 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	2.698	8	1.005	0.79	0.793	28.41	35.55	79310	79010	99230	98860	1.50	8.0	18.8	
2	2.711	8	1.007	0.79	0.797	27.73	34.56	77410	76730	96470	95630	1.50	8.0	18.8	
3	1.033	5	0.622	0.31	0.304	10.37	14.04	73760	75210	99860	101830	1.30	8.0	16.3	
4	1.031	5	0.621	0.31	0.303	10.65	13.51	75790	77540	96090	98310	1.30	8.0	16.3	
5	0.668	4	0.500	0.20	0.196	7.21	8.61	79470	81100	94990	96930	1.30	8.0	16.3	
6	0.676	4	0.503	0.20	0.199	7.41	8.87	81720	82130	97800	98290	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
# 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

Ali Raza (Site Engineer)
Expo Gold Lahore.

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

Client Reference: Nil
Dated: 08-01-2024

SOM Lab
Ref: 3469 (Page-1/1)
Dated: 08-01-2024

Test: Tension Test & Bend Test
Gauge Length: 8 inch

Test Specification: ASTM-A-615
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	2.660	8	0.998	0.79	0.782	26.30	40.72	73420	74170	113690	114850	1.50	8.0	18.8	
2	1.477	6	0.743	0.44	0.434	12.79	19.88	64130	65010	99640	101010	1.40	8.0	17.5	
3	0.673	4	0.502	0.20	0.198	6.47	9.38	71380	72100	103420	104460	1.10	8.0	13.8	
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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

Five Star
Steel Mill (Pvt) Ltd.32-KM Faisalabad Sheikhpura.

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

Client Reference: FSSM/Letter # 03

SOM Lab

Ref: 3470 (Page-1/1)

Dated: 08-01-2024

Dated: 08-01-2024

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	2.711	8	1.007	0.79	0.797	26.52	41.08	74050	73400	114690	113680	1.20	8.0	15.0	
2	1.499	6	0.749	0.44	0.441	13.71	21.36	68730	68570	107040	106800	1.40	8.0	17.5	
3	0.670	4	0.501	0.20	0.197	6.14	8.89	67670	68700	98020	99510	1.30	8.0	16.3	
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BEND TEST:

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

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

Mohsin Abbas

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

QAQC Manager Zameen Development.(Const. Of Zameen Quadrangle at Plot No.49,Zafar Ali Rd Lhr)

Client Reference: ZD/QAQC/QUAD/06

SOM Lab

Ref: 3471 (Page-1/1)

Dated: 08-01-2024

Dated: 08-01-2024

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	0.660	4	0.497	0.20	0.194	6.78	9.02	74750	77070	99480	102560	1.10	8.0	13.8	
2	0.626	4	0.484	0.20	0.184	6.70	8.79	73850	80280	96900	105320	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

Engr. Major Zia-Ul-Islam ®

Test Performed By:

Dr. /Engr.

Asad Ali Gillani

PD GCC,Overseas Const.Co, Lahore.(Project Gulberg City Cerntre, Lahore)

SOM Lab

Client Reference: OCC/Steel/51

Ref:

3472 (Page-1/1)

Dated: 08-01-2024

Dated:

08-01-2024

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	2.688	8	1.003	0.79	0.790	27.65	34.17	77180	77180	95390	95390	1.40	8.0	17.5	
2	1.511	6	0.752	0.44	0.444	17.81	21.81	89260	88460	109340	108360	1.40	8.0	17.5	
3	0.643	4	0.491	0.20	0.189	6.14	7.80	67670	71610	85990	91000	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

Yousaf Zaman, PM/RE

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

Osmani & Compny, Pakpattan. (Engg Design & Const. Supervision For PRSWSSP Cluster Central II)

Client Reference: PM/OCL/PRSWSSP/EDCS/Pkg-5/23/10

SOM Lab

Ref: 3473 (Page-1/1)

Dated: 28-12-2023

Dated: 08-01-2024

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Gauge Length: 8 inch

Sample Type:

Deformed Bar (Markhor 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	2.602	8	0.987	0.79	0.765	24.33	34.61	67930	70150	96620	99770	1.30	8.0	16.3	
2	2.627	8	0.991	0.79	0.772	23.77	34.35	66370	67910	95900	98140	1.30	8.0	16.3	
3	1.497	6	0.748	0.44	0.440	13.76	19.13	68980	68980	95910	95910	1.20	8.0	15.0	
4	1.489	6	0.747	0.44	0.438	13.73	19.18	68830	69140	96160	96600	1.30	8.0	16.3	
5	0.666	4	0.500	0.20	0.196	6.81	9.28	75090	76620	102290	104380	1.20	8.0	15.0	
6	0.660	4	0.497	0.20	0.194	6.70	8.92	73850	76140	98360	101400	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