

Major Ihtisham Khan

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

GE(Army)-I Sialkot (Const Of 1 x 150 Men CH/DH ex 16 NLI Regt HQ 15 Div at Slk Cantt)

Client Reference: 6002/36/E-6

SOM Lab

Ref: 4600 (Page-1/1)

Dated: 27-06-2024

Dated: 09-08-2024

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	2.643	8	0.995	0.79	0.777	22.09	35.60	61670	62700	99380	101040	1.40	8.0	17.5	
2	1.461	6	0.739	0.44	0.429	13.12	21.25	65760	67450	106530	109270	1.10	8.0	13.8	
3	1.015	5	0.616	0.31	0.298	8.72	13.35	62010	64510	95000	98830	1.10	8.0	13.8	
4	0.665	4	0.498	0.20	0.195	5.42	8.35	59800	61340	92060	94420	1.20	8.0	15.0	
5	0.672	4	0.501	0.20	0.197	5.35	8.23	59020	59920	90720	92100	1.20	8.0	15.0	
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BEND TEST:

# 8	Sample bend through 180 degrees Satisfactorily without any crack	Note:- Only Ten 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	
# 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

Habibullah Chaudhry, AM

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

Allied Engg & Services.(Rice/Corn W/House Of 200T Okara Depalpur Rd)(Ghani Constructions Co)

Client Reference: Nil

SOM Lab

Ref: 4601 (Page-1/1)

Dated: 09-08-2024

Dated: 09-08-2024

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	2.704	8	1.006	0.79	0.795	26.12	32.33	72910	72450	90270	89700	1.40	8.0	17.5	
2	2.700	8	1.005	0.79	0.793	26.01	31.96	72630	72350	89220	88880	1.30	8.0	16.3	
3	1.466	6	0.741	0.44	0.431	16.43	20.82	82370	84090	104340	106520	1.00	8.0	12.5	
4	1.491	6	0.747	0.44	0.438	15.82	20.87	79300	79660	104590	105070	1.10	8.0	13.8	
5	0.671	4	0.501	0.20	0.197	6.03	8.18	66550	67560	90150	91530	1.10	8.0	13.8	
6	0.670	4	0.501	0.20	0.197	6.07	7.95	66890	67900	87680	89020	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

Major Ihtisham Khan

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

GE(Army)-I Sialkot (Upgrad Of Gynae Ward, OT Complex Wait/Area & Misc Work at CHM Slk Cantt)

Client Reference: 6002/37/E-6

SOM Lab

Ref: 4602 (Page-1/1)

Dated: 29-07-2024

Dated: 09-08-2024

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	1.510	6	0.752	0.44	0.444	13.78	18.47	69080	68460	92590	91750	1.30	8.0	16.3	
2	1.051	5	0.627	0.31	0.309	10.24	13.30	72890	73120	94640	94950	1.30	8.0	16.3	
3	0.672	4	0.501	0.20	0.197	7.03	8.69	77560	78750	95770	97230	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
# 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

Engineer Muhammad Irfan
Dy Dir Infra. DHA Gujranwala.(Sector L)

Test Performed By: Dr. /Engr. Nauman Khurram

Client Reference: 111/DD/Lab/L/1176

SOM Lab

Ref: 4603 (Page-1/1)

Dated: 06-08-2024

Dated: 09-08-2024

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	1.475	6	0.743	0.44	0.433	11.18	15.72	56050	56960	78790	80060	1.50	8.0	18.8	
2	1.464	6	0.740	0.44	0.430	11.06	15.77	55440	56730	79050	80880	1.00	8.0	12.5	
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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. Naveed Sadiq
RE Orbit Developers.Lahore.(The Springs Atrium,Gulberg II Lahore)

Test Performed By: Dr. /Engr. Nauman Khurram

Client Reference: Nil

Dated: 09-08-2024

Test: Tension Test & Bend Test

Gauge Length: 8 inch

Test Specification:

Sample Type:

SOM Lab

Ref: 4604 (Page-1/1)

Dated: 09-08-2024

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	2.644	8	0.995	0.79	0.777	23.60	34.71	65880	66980	96900	98520	1.40	8.0	17.5	
2	2.635	8	0.993	0.79	0.774	23.11	33.89	64520	65850	94620	96580	1.30	8.0	16.3	
3	1.485	6	0.745	0.44	0.436	15.14	20.49	75880	76570	102700	103640	1.10	8.0	13.8	
4	1.489	6	0.747	0.44	0.438	15.21	20.71	76240	76580	103830	104300	1.20	8.0	15.0	
5	0.665	4	0.498	0.20	0.195	6.27	8.43	69130	70910	92960	95350	1.00	8.0	12.5	
6	0.669	4	0.501	0.20	0.197	6.49	8.63	71610	72700	95210	96660	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

Director P & D

Test Performed By:

Dr. /Engr.

Asad Ali Gillani

King Edward Medical University Lahore.(Const Of Bio Safety Lab Level III KEMU,Lahore)

Client Reference: P&D/KEMU 632-634

SOM Lab

Ref:

4605 (Page-1/1)

Dated: 09-08-2024

Dated:

09-08-2024

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	1.496	6	0.748	0.44	0.440	15.21	19.13	76240	76240	95910	95910	1.20	8.0	15.0	
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BEND TEST:

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

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

Sub Divisional Officer, BSD

Test Performed By:

Dr. /Engr. Asad Ali Gillani

C.M Sectt; Lahore.(Special Repair To The Office Of GOR-I Lahore)

Client Reference: SDO/CMS/937

SOM Lab

Ref: 4606 (Page-1/1)

Dated: 04-07-2024

Dated: 09-08-2024

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	2.708	8	1.007	0.79	0.796	27.32	34.78	76270	75690	97100	96370	1.20	8.0	15.0	
2	2.695	8	1.004	0.79	0.792	26.63	34.45	74330	74150	96190	95950	1.40	8.0	17.5	
3	1.509	6	0.751	0.44	0.443	16.72	20.03	83800	83230	100400	99720	1.20	8.0	15.0	
4	1.507	6	0.751	0.44	0.443	16.89	20.13	84670	84090	100910	100230	1.00	8.0	12.5	
5	0.668	4	0.500	0.20	0.196	6.60	8.31	72730	74210	91610	93480	1.00	8.0	12.5	
6	0.668	4	0.500	0.20	0.196	6.03	8.00	66550	67910	88240	90040	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

Deputy Director PHATA

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

Sub region Lhr.(Model House 03-M In Ashiana Quaid Lahore Under Api Chatt Apna Ghar Program)

Client Reference: 1018

SOM Lab

Ref: 4607 (Page-1/1)

Dated: 09-08-2024

Dated: 09-08-2024

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	0.667	4	0.500	0.20	0.196	6.54	8.46	72170	73640	93300	95200	1.20	8.0	15.0	
2	0.671	4	0.501	0.20	0.197	7.24	8.97	79810	81030	98920	100430	1.00	8.0	12.5	
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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

Muhammad Abdul Sattar Jalbani

Test Performed By:

Dr. /Engr. Asad Ali Gillani

ME Nespak Taunsa.(Punjab Rural Municipa Services Company,PRSWSSP Tehsil Taunsa Pkg-II & V)

Client Reference: NESPAK/PRSWSSP/TAUNSA/ME/307

SOM Lab

Ref: 4608 (Page-1/1)

Dated: 23-07-2024

Dated: 09-08-2024

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Gauge Length: 8 inch

Sample Type:

Deformed Bar (Sheikhoo 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	2.640	8	0.994	0.79	0.776	26.91	34.27	75130	76490	95680	97400	1.40	8.0	17.5	
2	2.639	8	0.994	0.79	0.776	25.38	32.52	70860	72140	90780	92420	1.50	8.0	18.8	
3	1.489	6	0.747	0.44	0.438	14.17	18.01	71020	71350	90290	90700	1.40	8.0	17.5	
4	1.491	6	0.747	0.44	0.438	14.70	18.22	73680	74020	91310	91730	1.20	8.0	15.0	
5	0.668	4	0.500	0.20	0.196	6.03	9.07	66550	67910	100050	102090	1.10	8.0	13.8	
6	0.671	4	0.501	0.20	0.197	5.91	8.97	65200	66190	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

