

Sub Divisional officer,

Test Performed By:

Dr. /Engr. Asad Ali Gillani

HSD Taunsa.(Const.Of Metalled Rd From Barthi Rd To Riaz Kareta Via Muhammad Yar Kokali)

Client Reference: 1243/T

SOM Lab 5925 (Page-

Ref: 1/1)

Dated: 20-12-21

Dated: 23-02-2022

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	2.677	8	1.001	0.79	0.787	23.52	31.29	65650	65910	87370	87700	1.50	8.0	18.8	
2	2.681	8	1.002	0.79	0.788	23.92	31.40	66790	66960	87650	87870	1.50	8.0	18.8	
3	1.457	6	0.738	0.44	0.428	11.72	17.48	58760	60410	87630	90090	1.40	8.0	17.5	
4	1.455	6	0.738	0.44	0.428	11.67	17.38	58510	60150	87120	89560	1.20	8.0	15.0	
5	0.623	4	0.483	0.20	0.183	4.89	7.16	53960	58970	78910	86240	1.40	8.0	17.5	
6	0.611	4	0.479	0.20	0.180	4.99	6.85	55080	61200	75540	83930	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

Muhammad Irfan

Test Performed By:

Dr. /Engr.

Asad Ali Gillani

Project Engr.DHA Gujranwala.(Deputy General Manager(Works0 HRL,GHA Gwa)

Client Reference: 111/15/PE/RS/Pkg-2B/106

SOM Lab

5926 (Page-

Ref:

1/1)

Dated: 22-02-2022

Dated:

23-02-2022

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Gauge Length: 8 inch

Sample Type:

Deformed Bar (Union 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	1.498	6	0.748	0.44	0.440	14.12	18.57	70770	70770	93100	93100	1.50	8.0	18.8	
2	1.501	6	0.749	0.44	0.441	13.76	18.32	68980	68820	91820	91610	1.40	8.0	17.5	
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Witnessed By:

Abdul Rehman (Lab Technician)

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

Muhammad Irfan

Test Performed By:

Dr. /Engr.

Asad Ali Gillani

Project Engr.Sector-G DHA Gujranwala.(Deputy General Manager(Works0 HRL,GHA Gwa)

Client Reference: 111/15/PE/RS/Pkg-2B/105

SOM Lab

5927 (Page-

Ref:

1/1)

Dated: 22-02-2022

Dated:

23-02-2022

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Gauge Length: 8 inch

Sample Type:

Deformed Bar (Batala 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	2.628	8	0.991	0.79	0.772	24.59	35.39	68640	70240	98810	101110	1.30	8.0	16.3	
2	2.628	8	0.991	0.79	0.772	24.46	35.32	68300	69890	98610	100910	1.50	8.0	18.8	
3	1.492	6	0.747	0.44	0.438	13.00	18.71	65150	65450	93760	94190	1.40	8.0	17.5	
4	1.476	6	0.743	0.44	0.434	12.54	18.42	62850	63720	92330	93610	1.50	8.0	18.8	
5	0.664	4	0.498	0.20	0.195	6.29	9.17	69360	71140	101170	103760	1.20	8.0	15.0	
6	0.668	4	0.500	0.20	0.196	6.52	9.43	71940	73410	103980	106100	1.30	8.0	16.3	
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Witnessed By:

Abdul Rehman (Lab Technician)

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/P-3/CRE/62

SOM Lab 5928 (Page-

Ref: 1/1)

Dated: 14-02-2022

Dated: 23-02-2022

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	1.052	5	0.627	0.31	0.309	9.59	13.71	68250	68470	97540	97860	0.90	8.0	11.3	Ittefaq
2	1.051	5	0.627	0.31	0.309	9.30	13.30	66140	66360	94640	94950	0.80	8.0	10.0	Ittefaq
3	0.666	4	0.500	0.20	0.196	7.36	9.07	81160	82820	100050	102090	0.80	8.0	10.0	Mughal
4	0.668	4	0.500	0.20	0.196	7.19	8.97	79250	80870	98920	100940	0.80	8.0	10.0	Mughal
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BEND TEST:

# 5	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

Engr. Hassan Mehmood

Test Performed By:

Dr. /Engr. S Asad Ali Gillani

RE G3 Engg Consult.(Const.of DHA Newlife Residency Appartments at 273/1Q Block Ph-II DHA.Lhr)

Client Reference: G3/DHA-NLD/RE/032

SOM Lab 5929 (Page-

Ref: 1/1)

Dated: 22-02-2022

Dated: 23-02-2022

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Gauge Length: 8 inch

Sample Type:

Deformed Bar (Batala 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	2.612	8	0.989	0.79	0.768	24.36	35.68	68020	69970	99600	102460	1.40	8.0	17.5	
2	2.626	8	0.991	0.79	0.772	24.33	35.68	67930	69520	99600	101930	1.20	8.0	15.0	
3	0.635	4	0.488	0.20	0.187	5.52	7.59	60930	65160	83750	89570	1.20	8.0	15.0	
4	0.662	4	0.498	0.20	0.195	6.54	8.48	72170	74020	93530	95920	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
# 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,

Test Performed By:

Dr. /Engr.

Asad Ali Gillani

PH Engg Sub Div Layyah.(Provision Of Urban/Ruralsewerage Scheme Chowk Azam Distt Layyah)

Client Reference: 45

SOM Lab

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Ref:

1/1)

Dated: 16-02-2022

Dated:

23-02-2022

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	1.479	6	0.744	0.44	0.435	14.37	18.96	72050	72870	95040	96130	1.20	8.0	15.0	
2	0.660	4	0.497	0.20	0.194	5.20	7.70	57330	59100	84870	87500	1.20	8.0	15.0	
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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

Premier Developer & Builders

Test Performed By: Dr. /Engr. Bilal

Project Manager .(Lyallpur Galleria-II Near Four Season Colony Samundri Road,FSD)

Client Reference: LG-II/008

SOM Lab 5931 (Page-

Ref: 1/1)

Dated: 22-02-2022

Dated: 23-02-2022

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	1.448	6	0.736	0.44	0.426	16.23	22.14	81340	84020	110980	114630	0.80	8.0	10.0	
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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

Engr. Faisal Iqbal

Test Performed By:

Dr. /Engr. Asad Ali Gillani

RE Allied Engg Consultants.(Const. Of Servis More Flyover And Industrial Area Link Rd,Distt Gujrat-II)

Client Reference: AEC/GUJ/2021/83

SOM Lab 5932 (Page-

Ref: 1/1)

Dated: 18-01-2022

Dated: 23-02-2022

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Gauge Length: 8 inch

Sample Type:

Deformed Bar (Prime 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	2.636	8	0.993	0.79	0.775	25.96	37.33	72480	73890	104210	106230	1.20	8.0	15.0	
2	2.639	8	0.994	0.79	0.776	26.12	37.43	72910	74230	104500	106380	1.30	8.0	16.3	
3	1.033	5	0.622	0.31	0.304	8.89	13.97	63240	64490	99360	101320	1.20	8.0	15.0	
4	1.043	5	0.625	0.31	0.307	9.89	13.83	70350	71040	98410	99370	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
# 5	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,

Test Performed By:

Dr. /Engr.

Asad Ali Gillani

BSD Nankana Sahib.(Baba Guru Nanak Uni At Nankana Sahib (Ph-I) Group No.1)

Client Reference: 538/SDO/BSD/NNS

SOM Lab

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Ref:

1/1)

Dated: 07-01-2022

Dated:

23-02-2022

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	2.633	8	0.993	0.79	0.774	26.07	36.24	72770	74270	101170	103260	1.20	8.0	15.0	
2	1.460	6	0.739	0.44	0.429	12.92	18.45	64740	66400	92480	94850	1.20	8.0	15.0	
3	0.658	4	0.496	0.20	0.193	6.17	8.58	68010	70480	94650	98080	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