

Muhammad Nadeem Bhatti

Test Performed By:

Dr. /Engr.

S.Asad Ali Gillani

MP Projex(Engro Enfrashare)ID:EC1-LHR-05435,EC1-LHR-05612

Client Reference: PCP/Eng-02-B

Dated: 16-02-2022

SOM Lab Ref: CED/SOM/5996(Page-1/3)

Dated: 04-03-2022

Test: Tension Test & Bend Test

Test Specification: ASTM-A 615

Sample Type: M S Deformed Bar

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	0.916	12	12.21	113	117	63.00	80.50	557	539	712	689	25.0	200	12.5	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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BEND TEST:

--	No Bend test performed	Note:- Only One Sample Received and Tested

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

Muhammad Nadeem Bhatti

Test Performed By:

Dr. /Engr.

S.Asad Ali Gillani

MP Projex(Engro Enfrashare)ID:EC1-LHR-05435,EC1-LHR-05612

Client Reference: PCP/Eng-02-C

Dated: 16-02-2022

SOM Lab Ref: CED/SOM/5996(Page-2/3)

Dated: 04-03-2022

Test: Tension Test & Bend Test

Test Specification: ASTM-A 615

Sample Type: M S Deformed Bar

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	1.568	16	15.96	201	200	106.00	136.50	527	530	679	683	27.5	200	13.8	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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BEND TEST:

--	No Bend test performed	Note:- Only One Sample Received and Tested

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

Muhammad Nadeem Bhatti

Test Performed By:

Dr. /Engr.

S.Asad Ali Gillani

MP Projex(Engro Enfrashare)ID:EC1-LHR-05435,EC1-LHR-05612

Client Reference: PCP/Eng-02-D

Dated: 16-02-2022

SOM Lab Ref: CED/SOM/5996(Page-3/3)

Dated: 04-03-2022

Test: Tension Test & Bend Test

Test Specification: ASTM-A 615

Sample Type: M S Deformed Bar

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	2.461	20	19.96	314	313	152.70	219.70	486	488	699	702	25.0	200	12.5	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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BEND TEST:

--	No Bend test performed	Note:- Only One Sample Received and Tested

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

M. Imran Shakir

Test Performed By:

Dr. /Engr.

S.Asad Ali Gillani

Ijaz Const. Company.Multan.(Idrees Textile Mills Feroze Wattwan)

Client Reference: Nil

Dated: 04-03-2022

SOM Lab Ref: CED/SOM/6002(Page-1/1)

Dated: 04-03-2022

Test: Tension Test & Bend Test

Test Specification: ASTM-A 615

Sample Type: M S Deformed Bar

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	3.828	25	24.93	491	488	238.50	312.70	486	489	637	641	35.0	200	17.5	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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BEND TEST:

25mm	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

Faiz Muhammad Rind.

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

RE Kachhi Canal Rem.Works Consults-(KC-6B(2R)Const. Of Main Canal And Distibution System)

Client Reference: KCB/RE-6B(2R)/32

SOM Lab 5993 (Page-

Ref: 1/1)

Dated: 02-03-2022

Dated: 04-03-2022

Test: Tension Test & Bend Test

Test Specification: ASTM-A-615

Gauge Length: 8 inch

Sample Type: Deformed Bar (Nomee 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	2.629	8	0.992	0.79	0.773	27.80	36.24	77610	79310	101170	103390	1.20	8.0	15.0	
2	2.561	8	0.979	0.79	0.753	26.47	34.66	73910	77540	96760	101510	1.30	8.0	16.3	
3	1.467	6	0.741	0.44	0.431	14.55	19.37	72910	74440	97080	99110	1.20	8.0	15.0	
4	1.476	6	0.743	0.44	0.434	13.10	18.04	65660	66570	90440	91690	1.40	8.0	17.5	
5	0.677	4	0.503	0.20	0.199	6.34	9.45	69920	70270	104200	104730	1.10	8.0	13.8	
6	0.665	4	0.498	0.20	0.195	6.22	9.07	68570	70330	100050	102610	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

Umair Maqsood

Test Performed By:

Dr. /Engr.

Asad Ali Gillani

Sub Divisional Officer, Bldg Sub Div. Assembly, Lhr. (Const of driver Shed & Fire Fighting System)

Client Reference: 135

SOM Lab

5995 (Page-

Ref:

1/1)

Dated: 22-02-2022

Dated:

04-03-2022

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	2.626	8	0.991	0.79	0.772	23.52	35.42	65650	67190	98890	101200	1.30	8.0	16.3	
2	1.502	6	0.749	0.44	0.441	13.30	18.88	66680	66530	94630	94410	1.40	8.0	17.5	
3	0.666	4	0.500	0.20	0.196	6.54	9.35	72170	73640	103080	105180	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

Dy. Director (Engg.)

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

LDA, Urban Development Wing. Lahore.(Const. Of Mosque In LDA Avenue-I Housing Scheme,Lhr)

Client Reference: DD(Engg)/LDA/496

SOM Lab 5997(Page-

Ref: 1/1)

Dated: 23-02-2022

Dated: 04-03-2022

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	2.633	8	0.993	0.79	0.774	24.74	32.13	69070	70500	89700	91560	1.30	8.0	16.3	
2	2.634	8	0.993	0.79	0.774	24.74	32.03	69070	70500	89420	91260	1.30	8.0	16.3	
3	1.499	6	0.749	0.44	0.441	13.00	18.27	65150	65000	91560	91360	1.30	8.0	16.3	
4	1.494	6	0.748	0.44	0.439	13.05	18.30	65400	65550	91720	91930	1.30	8.0	16.3	
5	0.650	4	0.493	0.20	0.191	5.81	7.67	64080	67090	84530	88520	1.30	8.0	16.3	
6	0.650	4	0.493	0.20	0.191	5.88	7.72	64860	67920	85100	89100	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

ESS.I.AAR

Test Performed By:

Dr. /Engr.

Asad Ali Gillani

RE ESS-I-AAR Consultant.(Rehabilittion/Improvement Of Sewerage System Jhang Ph-I)

Client Reference: 1208

SOM Lab

5998 (Page-

Ref:

1/1)

Dated: 27-12-2021

Dated:

04-03-2022

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	0.651	4	0.493	0.20	0.191	5.76	8.38	63510	66510	92400	96760	1.20	8.0	15.0	
2	0.657	4	0.496	0.20	0.193	5.91	8.48	65200	67560	93530	96920	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

Division Forest Officer,

Test Performed By:

Dr. /Engr.

Asad Ali Gillani

Sialkot Forest Div.(Const. Of Residential Building Of The Divisional Forest Officer Sialkot.)

Client Reference: 135/AC

SOM Lab

5999 (Page-

Ref:

1/1)

Dated: 17-02-2022

Dated:

04-03-2022

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	1.481	6	0.744	0.44	0.435	11.21	16.84	56210	56850	84410	85380	1.50	8.0	18.8	
2	0.562	4	0.458	0.20	0.165	3.49	4.81	38450	46600	53060	64310	1.70	8.0	21.3	
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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

Variante
25-t Gulberg 2,Lahore

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

Client Reference: VA/29/4

SOM Lab 6000(Page-

Ref: 1/1)

Dated: 04-03-2022

Dated: 04-03-2022

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	2.553	8	0.977	0.79	0.750	27.73	32.82	77410	81540	91640	96520	1.30	8.0	16.3	
2	2.569	8	0.980	0.79	0.755	27.83	32.95	77690	81290	91980	96240	1.20	8.0	15.0	
3	0.673	4	0.502	0.20	0.198	8.02	9.38	88470	89360	103420	104460	0.90	8.0	11.3	
4	0.673	4	0.502	0.20	0.198	8.10	9.53	89370	90270	105100	106160	0.90	8.0	11.3	
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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

Waqar Hasnain

Test Performed By:

Dr. /Engr. S Asad Ali Gillani

CRE TPBC Punjnad Barrage.(Contract: TPBIP/ICB-02) (Newly Included Bldgs Of Punjnad Barrage)

Client Reference: TPBC/CRE/2022/TECH/1768

SOM Lab 6001 (Page-

Ref: 1/1)

Dated: 02-03-2022

Dated: 04-03-2022

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	0.660	4	0.497	0.20	0.194	7.41	9.04	81720	84250	99710	102790	1.10	8.0	13.8	
2	0.655	4	0.494	0.20	0.192	7.41	9.03	81720	85130	99600	103740	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

M. Imran Shakir

Test Performed By:

Dr. /Engr.

Asad Ali Gillani

Ijaz Const. Company.Multan.(Idrees Textile Mills Feroze Wattwan)

Client Reference: 135

SOM Lab

5995 (Page-

Ref:

1/1)

Dated: 22-02-2022

Dated:

04-03-2022

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	2.626	8	0.991	0.79	0.772	23.52	35.42	65650	67190	98890	101200	1.30	8.0	16.3	
2	1.502	6	0.749	0.44	0.441	13.30	18.88	66680	66530	94630	94410	1.40	8.0	17.5	
3	0.666	4	0.500	0.20	0.196	6.54	9.35	72170	73640	103080	105180	1.10	8.0	13.8	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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