

Maj Adnan Khalid (R)

Test Performed By:

Dr. /Engr.

S. Asad Ali Gillani

Dy Dir MTL DHA Lhr,(Const. Of Entry Gate Of Sec-4 DHA Ph-XI Rahbar (M/s Fauz Engg.)

Client Reference: 408/241/32/Lab/38/1586

SOM Lab

5839 (Page-

Ref:

1/1)

Dated: 04-02-2022

Dated:

09-02-2022

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	2.601	8	0.986	0.79	0.764	25.08	33.40	70010	72390	93260	96430	1.60	8.0	20.0	
2	2.591	8	0.984	0.79	0.761	24.38	33.20	68070	70670	92690	96220	1.70	8.0	21.3	
3	1.528	6	0.756	0.44	0.449	14.88	19.47	74600	73110	97590	95640	1.40	8.0	17.5	
4	1.543	6	0.759	0.44	0.453	14.37	19.37	72050	69980	97080	94300	1.40	8.0	17.5	
5	0.662	4	0.498	0.20	0.195	6.68	8.61	73630	75520	94990	97420	1.20	8.0	15.0	
6	0.661	4	0.497	0.20	0.194	6.70	8.92	73850	76140	98360	101400	1.10	8.0	13.8	
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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 Shahzad Anwar

Test Performed By:

Dr. /Engr.

Asad Ali Gillani

RE Nespak .(Const. Of Rd From Bwp(N-5) Jhangra Sharqi Interchange(KLM) L 42Km Disst. Bwp)

Client Reference: RE/SA-467(B)/MSA/BWP-JS/15

SOM Lab

5840 (Page-

Ref:

1/1)

Dated: 04-02-2022

Dated:

09-02-2022

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	2.668	8	0.999	0.79	0.784	25.20	34.10	70350	70890	95190	95920	1.60	8.0	20.0	
2	1.684	6	0.794	0.44	0.495	16.06	22.70	80480	71540	113790	101150	1.30	8.0	16.3	
3	0.604	4	0.476	0.20	0.178	5.61	7.65	61830	69470	84310	94730	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

Syed Abul Jabbar

Test Performed By:

Dr. /Engr.

Wasim Abbas

GM Engg. Cotton Web Ltd.Lahore.(New Office Building Lot #2)

Client Reference: Nil

SOM Lab

5841 (Page-

Ref:

1/1)

Dated: 09-02-2022

Dated:

09-02-2022

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	0.693	4	0.510	0.20	0.204	6.78	9.04	74750	73290	99710	97750	1.00	8.0	12.5	
2	0.664	4	0.498	0.20	0.195	6.27	8.48	69130	70910	93530	95920	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

Abid Mann
Construction Manager One Liberty Lahore.

Test Performed By: Dr. /Engr. Wasim Abbas

Client Reference: OL/2022/02/01
Dated: 08-02-2022
Test: Tension Test & Bend Test
Gauge Length: 8 inch

SOM Lab 5842 (Page-1/1)
Ref: 5842 (Page-1/1)
Dated: 09-02-2022
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	2.728	8	1.011	0.79	0.802	24.31	40.62	67870	66860	113410	111710	1.00	8.0	12.5	
2	2.753	8	1.015	0.79	0.809	26.76	42.66	74700	72950	119100	116300	0.90	8.0	11.3	
3	1.583	6	0.769	0.44	0.465	14.02	23.82	70260	66480	119410	112990	1.00	8.0	12.5	
4	1.497	6	0.748	0.44	0.440	13.12	22.40	65760	65760	112260	112260	1.10	8.0	13.8	
5	0.705	4	0.513	0.20	0.207	8.10	10.86	89370	86340	119720	115670	1.00	8.0	12.5	
6	0.706	4	0.513	0.20	0.207	8.31	10.96	91610	88520	120840	116750	1.00	8.0	12.5	
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-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
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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

Abid Hayat Khan

Test Performed By: Dr. /Engr. Wasim Abbas

RE Nespak .(Dualization Of Iill Interchange(M-2) Via P.D.Khan To Jhelam I/C Bypass L 128Km)

Client Reference: NESPAK/RE/JH/22/007

SOM Lab 5843 (Page-

Ref: 1/1)

Dated: 08-02-2022

Dated: 09-02-2022

Test: Tension Test & Bend Test

Test Specification: ASTM-A-615

Deformed Bar (Pak

Gauge Length: 8 inch

Sample Type: 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	2.595	8	0.986	0.79	0.763	24.31	32.64	67870	70280	91120	94350	1.10	8.0	13.8	
2	2.608	8	0.988	0.79	0.766	23.14	31.40	64600	66630	87650	90400	1.30	8.0	16.3	
3	1.475	6	0.743	0.44	0.433	14.75	20.44	73940	75130	102450	104100	1.10	8.0	13.8	
4	1.472	6	0.743	0.44	0.433	14.83	20.39	74350	75550	102190	103840	1.00	8.0	12.5	
5	1.086	5	0.637	0.31	0.319	11.77	14.98	83760	81400	106610	103600	1.00	8.0	12.5	
6	1.088	5	0.638	0.31	0.320	11.49	14.44	81730	79180	102760	99550	0.90	8.0	11.3	
7	0.655	4	0.494	0.20	0.192	6.80	8.74	74980	78100	96340	100350	1.00	8.0	12.5	
8	0.660	4	0.497	0.20	0.194	6.88	8.72	75880	78220	96110	99080	0.90	8.0	11.3	
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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

Abid Hayat Khan

Test Performed By: Dr. /Engr. Wasim Abbas

RE Nespak .(Dualization Of Iill Interchange(M-2) Via P.D.Khan To Jhelam I/C Bypass L 128Km)

Client Reference: NESPAK/RE/JH/22/007

SOM Lab 5844 (Page-

Ref: 1/1)

Dated: 08-02-2022

Dated: 09-02-2022

Test: Tension Test & Bend Test

Test Specification: ASTM-A-615

Gauge Length: 8 inch

Sample Type: Deformed Bar (Pak 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	1.075	5	0.634	0.31	0.316	8.38	11.90	59620	58480	84630	83030	1.50	8.0	18.8	
2	1.082	5	0.636	0.31	0.318	8.21	11.95	58380	56910	85000	82860	1.70	8.0	21.3	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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BEND TEST:

# 5	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

Wasif Manzoor
Salman Developers.Lahore.(Park House Appartment)

Test Performed By: Dr. /Engr. Amina Rajpoot

Client Reference: Nil

SOM Lab 5845 (Page-

Ref: 1/2)

Dated: 07-02-2022

Dated: 09-02-2022

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	2.653	8	0.997	0.79	0.780	25.69	37.46	71720	72640	104580	105920	1.40	8.0	17.5	
2	2.705	8	1.006	0.79	0.795	25.33	36.85	70720	70280	102880	102230	1.40	8.0	17.5	
3	1.519	6	0.754	0.44	0.446	14.53	19.64	72810	71830	98460	97140	1.40	8.0	17.5	
4	1.523	6	0.755	0.44	0.448	14.12	19.06	70770	69510	95550	93840	1.50	8.0	18.8	
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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	

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

Wasif Manzoor
Salman Developers.Lahore.(Park House Appartment)

Test Performed By: Dr. /Engr. Amina Rajpoot

Client Reference: Nil

SOM Lab 5845 (Page-

Ref: 2/2)

Dated: 07-02-2022

Dated: 09-02-2022

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	1.661	6	0.788	0.44	0.488	16.21	21.25	81240	73250	106530	96060	1.50	8.0	18.8	
2	1.567	6	0.766	0.44	0.461	15.29	19.93	76640	73150	99890	95340	1.20	8.0	15.0	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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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

Mudessar Iqbal
 Manager QC Country Developers(Pvt.)Ltd.(Step School Burewala)

Test Performed By: Dr. /Engr. Bilal

Client Reference: CD-22-Testing/St/BRW-001

SOM Lab 5846 (Page-

Ref: 1/1)

Dated: 08-01-2022

Dated: 09-02-2022

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	2.556	8	0.978	0.79	0.751	24.26	34.12	67730	71250	95250	100200	1.30	8.0	16.3	
2	1.502	6	0.749	0.44	0.441	15.49	19.13	77670	77490	95910	95690	1.20	8.0	15.0	
3	0.556	4	0.456	0.20	0.163	7.19	8.94	79250	97240	98580	120960	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
# 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 Arif

Test Performed By:

Dr. /Engr. Bilal

Sr. QS Thaheem Construction Company.(Proj: Arena Mall At Bahawalpur)

Client Reference: TCC/UET/344

SOM Lab 5847 (Page-

Ref: 1/1)

Dated: 09-02-2022

Dated: 09-02-2022

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	2.539	8	0.975	0.79	0.746	25.28	34.27	70580	74740	95680	101320	1.20	8.0	15.0	
2	2.539	8	0.975	0.79	0.746	24.94	33.84	69640	73750	94480	100050	1.20	8.0	15.0	
3	1.515	6	0.753	0.44	0.445	15.49	19.49	77670	76790	97690	96600	1.20	8.0	15.0	
4	1.515	6	0.753	0.44	0.445	15.34	19.42	76900	76040	97340	96240	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

Engr. M Abbas

Test Performed By: Dr. /Engr. Bilal

RE City Survey & Engg Consultants.(Green View Executive Apartments Phase-V)

Client Reference: GVA/RE/003/21

SOM Lab 5848 (Page-

Ref: 1/1)

Dated: 08-01-2022

Dated: 09-02-2022

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	2.666	8	0.998	0.79	0.783	27.62	35.47	77120	77810	99030	99920	1.30	8.0	16.3	
2	2.656	8	0.997	0.79	0.781	27.70	35.49	77320	78210	99090	100230	1.40	8.0	17.5	
3	1.508	6	0.751	0.44	0.443	15.70	20.08	78690	78160	100660	99980	1.20	8.0	15.0	
4	1.509	6	0.751	0.44	0.443	15.75	20.10	78940	78410	100760	100080	1.30	8.0	16.3	
5	0.661	4	0.497	0.20	0.194	7.80	9.94	85990	88650	109600	112990	1.00	8.0	12.5	
6	0.668	4	0.500	0.20	0.196	7.24	9.02	79810	81440	99480	101510	0.90	8.0	11.3	
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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

Deputy Director ,LDA

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

Sheranwala Flyover,(Const.Of Flyover At Sheranwala,Lhr)(Const/ReLocation Of ESSA BUTT Masjid)

Client Reference: No. DD/SF/LDA/:-105

SOM Lab 5849 (Page-

Ref: 1/1)

Dated: 28-01-2022

Dated: 09-02-2022

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	1.443	6	0.735	0.44	0.424	14.65	20.13	73430	76200	100910	104720	1.30	8.0	16.3	
2	1.445	6	0.736	0.44	0.425	14.93	20.18	74860	77500	101170	104740	1.20	8.0	15.0	
3	0.676	4	0.503	0.20	0.199	7.77	10.27	85660	86090	113200	113770	1.20	8.0	15.0	
4	0.678	4	0.503	0.20	0.199	7.75	10.32	85430	85860	113760	114330	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

Munawar Hussain
MH Associates Lahore.

Test Performed By: Dr. /Engr. Irfan Ul Hasan

Client Reference: Nil

SOM Lab 5850 (Page-

Ref: 1/2)

Dated: 09-02-2022

Dated: 09-02-2022

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	1.465	6	0.741	0.44	0.431	15.29	19.57	76640	78240	98100	100150	1.40	8.0	17.5	
2	1.472	6	0.743	0.44	0.433	15.19	19.44	76130	77360	97440	99010	1.10	8.0	13.8	
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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

Munawar Hussain
MH Associates Lahore.

Test Performed By: Dr. /Engr. Irfan UI Hasan

Client Reference: Nil

SOM Lab 5850 (Page-

Ref: 2/2)

Dated: 09-02-2022

Dated: 09-02-2022

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	0.664	4	0.498	0.20	0.195	6.63	9.23	73070	74940	101730	104340	1.20	8.0	15.0	
2	0.662	4	0.498	0.20	0.195	6.73	9.17	74190	76090	101170	103760	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

Muhammad Saleem

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

GM Professional Construction Services.(TCF Secondary School At Chak #507, Burewala Vehari)

Client Reference: PCS/22/Eng-14 B

SOM Lab 5851 (Page-

Ref: 2/3)

Dated: 08-01-2022

Dated: 09-02-2022

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	1.475	6	0.743	0.44	0.433	14.17	18.25	71020	72170	91460	92940	1.30	8.0	16.3	
2	1.477	6	0.743	0.44	0.434	15.39	19.01	77160	78220	95290	96610	1.10	8.0	13.8	
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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

Muhammad Saleem

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

GM Professional Construction Services.(TCF Secondary School At Chak #507, Burewala Vehari)

Client Reference: PCS/22/Eng-14 A

SOM Lab 5851 (Page-

Ref: 1/3)

Dated: 08-01-2022

Dated: 09-02-2022

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	0.655	4	0.494	0.20	0.192	6.70	8.74	73850	76930	96340	100350	1.20	8.0	15.0	
2	0.651	4	0.493	0.20	0.191	6.24	8.23	68800	72040	90720	94990	1.10	8.0	13.8	
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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

Muhammad Saleem

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

GM Professional Construction Services.(TCF Secondary School At Chak #507, Burewala Vehari)

Client Reference: PCS/22/Eng-14 C

SOM Lab 5851 (Page-

Ref: 3/3)

Dated: 08-01-2022

Dated: 09-02-2022

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	2.613	8	0.989	0.79	0.768	28.15	37.02	78600	80850	103360	106320	1.20	8.0	15.0	
2	2.614	8	0.989	0.79	0.768	24.38	32.28	68070	70020	90130	92710	1.30	8.0	16.3	
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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