

StarchPack (Pvt.) Ltd.
Lead Civil Lahore.(StarchPack Green Project At Kasur)

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

Client Reference: Nil
SOM Lab Ref: CED/SOM/604(Page-1/2)

Dated: 04-07-2022
Dated: 04-07-2022

Test: Tension Test & Bend Test
Sample Type: Deformed Bar

Test Specification: ASTM-A 615
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	3.935	25	25.26	491	501	265.00	331.00	540	529	674	661	32.5	200	16.3	
2	3.944	25	25.29	491	502	269.00	331.20	548	536	675	660	35.0	200	17.5	
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BEND TEST:

25mm	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

StarchPack (Pvt.) Ltd.
Lead Civil Lahore.(StarchPack Green Project At Kasur)

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

Client Reference: Nil
SOM Lab Ref: CED/SOM/604(Page-2/2)

Dated: 04-07-2022

Dated: 04-07-2022

Test: Tension Test & Bend Test

Test Specification: ASTM-A 615

Sample Type: Deformed Bar

Gauge Length: 200 m

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	0.929	12	12.26	113	118	61.70	77.50	546	523	685	657	22.5	200	11.3	
2	0.901	12	12.09	113	115	73.20	90.20	647	638	798	787	25.0	200	12.5	
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BEND TEST:

12mm	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

Sunrays Textile mills Ltd.

Admin Manager Sunrays Textile Muzaffargarh.

Test Performed By:

Dr. /Engr. Asad Ali Gillani

Client Reference: Nil

Date: 02-07-2022

SOM Lab Ref: CED/SOM/598(Page-1/1)

Date: 04-07-2022

Test: Tension Test & Bend Test

Test Specification: ASTM-A 615

Sample Type: MS 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	1.583	16	16.04	201	202	99.50	125.00	495	493	622	619	35.0	200	17.5	
2	1.587	16	16.04	201	202	99.70	124.50	496	494	619	616	32.5	200	16.3	
3	0.898	12	12.07	113	114	60.50	77.50	535	529	685	678	32.5	200	16.3	
4	0.882	12	11.96	113	112	58.20	74.70	515	519	660	665	25.0	200	12.5	
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BEND TEST:

16mm	Sample bend through 180 degrees Satisfactorily without any crack	Note:- Only Eight Samples Received and Tested
16mm	Sample bend through 180 degrees Satisfactorily without any crack	
12mm	Sample bend through 180 degrees Satisfactorily without any crack	
12mm	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 Tanveer Ahmad ®

Test Performed By:

Dr. /Engr. Asad Ali Gillani

RE-2 ACES,DHA Multan.(Ref: M/S UJC-SAACO JV Letter no.UJC/SAACO/DHA-M/2022/1114)

Client Reference: ACES/DHA/DEV/SEC-V/902

Date: 25-06-2022

SOM Lab Ref: CED/SOM/599(Page-1/1)

Date: 04-07-2022

Test: Tension Test & Bend Test

Test Specification: ASTM-A 615

Sample Type: Deformed Bar (HSJ Steel)

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	0.910	12	12.15	113	116	45.20	63.20	400	390	559	545	42.5	200	21.3	
2	0.902	12	12.09	113	115	45.70	63.20	404	398	559	551	40.0	200	20.0	
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BEND TEST:

12mm	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

Anas Majeed
Sialkot

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

Client Reference: Nil

SOM Lab Ref:

600 (Page-
1/1)

Dated: 04-07-2022

Dated:

04-07-2022

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	2.697	8	1.005	0.79	0.793	24.01	34.45	67020	66770	96190	95830	1.30	8.0	16.3	
2	1.470	6	0.742	0.44	0.432	14.75	19.29	73940	75310	96670	98460	1.10	8.0	13.8	
3	0.654	4	0.494	0.20	0.192	6.93	8.87	76440	79620	97800	101870	1.00	8.0	12.5	
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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

Nasir Mahmood

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

RE ESAC Sector K DHA Multan.(Sec K DHA Main Office & Gate House Building)

Client Reference: RE/ESAC/SECTOR K/180

SOM Lab 601 (Page-

Ref: 1/1)

Dated: 28-06-2022

Dated: 04-07-2022

Test: Tension Test & Bend Test

Test Specification: ASTM-A-615

Deformed Bar (FF

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	2.599	8	0.986	0.79	0.764	23.70	32.42	66170	68420	90500	93580	1.30	8.0	16.3	
2	2.654	8	0.997	0.79	0.780	25.59	35.29	71430	72350	98520	99790	1.20	8.0	15.0	
3	1.481	6	0.744	0.44	0.435	13.68	19.06	68570	69360	95550	96650	1.30	8.0	16.3	
4	1.506	6	0.751	0.44	0.443	14.48	19.64	72560	72070	98460	97790	1.40	8.0	17.5	
5	0.655	4	0.494	0.20	0.192	5.78	8.53	63740	66390	94090	98010	1.20	8.0	15.0	
6	0.659	4	0.497	0.20	0.194	5.96	8.56	65760	67800	94420	97340	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
# 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. Naveed Sadiq
RE Orbit Developers.Lahore.(The Springs Gulberg Lahore)

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

Client Reference: Nil

SOM Lab Ref: 602 (Page-1/1)

Dated: 04-07-2022

Dated: 04-07-2022

Test: Tension Test & Bend Test

Test Specification: ASTM-A-615 Deformed

Gauge Length: 8 inch

Sample Type: 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	2.630	8	0.992	0.79	0.773	24.57	35.73	68590	70090	99750	101940	1.30	8.0	16.3	
2	2.646	8	0.995	0.79	0.778	23.96	34.10	66880	67910	95190	96660	1.20	8.0	15.0	
3	1.481	6	0.744	0.44	0.435	15.06	21.02	75470	76340	105360	106570	1.30	8.0	16.3	
4	1.459	6	0.739	0.44	0.429	14.65	19.44	73430	75310	97440	99940	1.20	8.0	15.0	
5	0.707	4	0.515	0.20	0.208	7.56	9.40	83410	80200	103640	99660	1.00	8.0	12.5	
6	0.681	4	0.505	0.20	0.200	7.10	8.89	78350	78350	98020	98020	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

Asif Shahzad

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

Astt Project Engr. Building Section DHA Gujranwala.(Const Of Villas (Block-E))

Client Reference: 111/3/APE Bldgs/GEN/17

SOM Lab Ref: 603 (Page-1/1)

Dated: June-2022

Dated: 04-07-2022

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	0.701	4	0.512	0.20	0.206	6.65	8.69	73290	71160	95770	92980	1.10	8.0	13.8	
2	0.665	4	0.498	0.20	0.195	6.98	9.17	77000	78980	101170	103760	0.80	8.0	10.0	
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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

Zahid Mughal
C/O M/S Amanah Noor Residence Wapda Town, Lahore.

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

Client Reference: Nil

Dated: 04-07-2022

Test: Tension Test & Bend Test

Gauge Length: 8 inch

Test Specification:

Sample Type:

SOM Lab 605 (Page-

Ref: 1/1)

Dated: 04-07-2022

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	2.571	8	0.981	0.79	0.756	22.27	31.26	62180	64980	87280	91210	1.40	8.0	17.5	
2	0.667	4	0.500	0.20	0.196	6.44	9.25	71040	72490	101960	104040	0.90	8.0	11.3	
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BEND TEST:

# 8	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

Engr. Hassan Mehmood

Test Performed By: Dr. /Engr. 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/073

SOM Lab 606 (Page-

Ref: 1/1)

Dated: 28-06-2022

Dated: 04-07-2022

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	0.650	4	0.493	0.20	0.191	6.34	8.61	69920	73220	94990	99460	1.00	8.0	12.5	
2	0.655	4	0.494	0.20	0.192	6.44	8.63	71040	74000	95210	99180	1.00	8.0	12.5	
3	0.654	4	0.494	0.20	0.192	6.17	8.28	68010	70840	91280	95080	1.10	8.0	13.8	
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BEND TEST:

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

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

Grw Drainage SD Grw.(Project Of Protection Of Kamoke And Adjoining Ares (Pkg B))

Client Reference: 43/1-A

SOM Lab 607 (Page-
Ref: 1/1)

Dated: 06-06-2022

Dated: 04-07-2022

Test: Tension Test & Bend Test

Test Specification: ASTM-A-615

Gauge Length: 8 inch

Sample Type: Deformed Bar (Moiz 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	2.66 4	8	0.99 8	0.7 9	0.78 3	24.52	33.86	68440	69060	94540	95380	1.4 0	8. 0	17. 5	
2	2.66 5	8	0.99 8	0.7 9	0.78 3	24.06	33.38	67160	67760	93200	94030	1.4 0	8. 0	17. 5	
3	1.49 6	6	0.74 8	0.4 4	0.44 0	13.02	19.34	65250	65250	96930	96930	1.6 0	8. 0	20. 0	
4	1.48 4	6	0.74 5	0.4 4	0.43 6	13.02	19.29	65250	65850	96670	97560	1.4 0	8. 0	17. 5	
5	0.52 6	4	0.44 4	0.2 0	0.15 5	4.25	6.49	46880	60490	71610	92390	1.1 0	8. 0	13. 8	
6	0.53 6	4	0.44 9	0.2 0	0.15 8	4.27	6.49	47100	59620	71610	90640	1.2 0	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

Premier Developer & Builders

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

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

Client Reference: LG-II/020

SOM Lab 608 (Page-

Ref: 1/1)

Dated: 02-07-2022

Dated: 04-07-2022

Test: Tension Test & Bend Test

Test Specification: ASTM-A-615

Gauge Length: 8 inch

Sample Type: Deformed Bar (Amreli 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	1.491	6	0.747	0.44	0.438	15.90	19.39	79710	80070	97180	97630	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 TestedNote: Please always confirm the results of above report on web www.uet-civil.edu.pk

