

Supreme City
PM Supreme Developers, Muridke

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

Client Reference: Dev./Lab/2022-0101
SOM Lab Ref: CED/SOM/5626(Page-1/1)
Test: Tension Test & Bend Test
Sample Type: M S Deformed Bar (AF SS)

Dated: 04-01-2022
Dated: 05-01-2022
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	1.576	16	16.00	201	201	94.10	133.40	468	469	663	664	50.0	200	25.0	
2	1.601	16	16.12	201	204	99.10	134.30	493	486	668	659	25.0	200	12.5	
3	0.960	12	12.48	113	122	64.70	82.40	572	529	729	674	22.5	200	11.3	
4	0.980	12	12.61	113	125	66.70	87.30	590	535	772	700	22.5	200	11.3	
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BEND TEST:

16mm	Sample bend through 180 degrees Satisfactorily without any crack	Note:- Only Six Samples Received and Tested
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

Muhammad Nadeem Bhatti

Test Performed By:

Dr. /Engr.

S.Asad Ali Gillani

MP Projex(Engro Enfrashare)ID:EC1-LHR-05434,ECI-LHR-05436,ECI-GUT-05445,EC2-SKO-05558

Client Reference: PCP/Eng-01

Dated: 01-01-2022

SOM Lab Ref: CED/SOM/5627(Page-2/3)

Dated: 05-01-2022

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	1.563	16	15.92	201	199	105.90	144.20	527	533	717	725	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-05434,ECI-LHR-05436,ECI-GUT-05445,EC2-SKO-05558

Client Reference: PCP/Eng-01

Dated: 01-01-2022

SOM Lab Ref: CED/SOM/5627(Page-3/3)

Dated: 05-01-2022

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	0.974	12	12.57	113	124	68.60	88.20	607	554	780	712	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-05434,ECI-LHR-05436,ECI-GUT-05445,EC2-SKO-05558

Client Reference: PCP/Eng-01

Dated: 01-01-2022

SOM Lab Ref: CED/SOM/5627(Page-1/3)

Dated: 05-01-2022

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	2.196	20	18.88	314	280	143.20	194.20	456	512	618	694	30.0	200	15.0	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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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

Maj Adnan Khalid (R)

Test Performed By:

Dr. /Engr.

S. Asad Ali Gillani

Dy Dir MTL DHA Lhr,(Const. Of Mosque at Sec-G DHA Ph-V (M/s Waha Enterprises)

Client Reference: 408/241/32/Lab/05/11

SOM Lab 5622 (Page-

Ref: 1/1)

Dated: 03-01-2022

Dated: 05-01-2022

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Gauge Length: 8 inch

Sample Type:

Deformed Bar (Agha 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	1.643	6	0.784	0.44	0.483	14.39	20.50	72150	65730	102750	93610	1.30	8.0	16.3	
2	1.672	6	0.791	0.44	0.491	16.99	23.69	85180	76330	118750	106410	0.90	8.0	11.3	
3	0.665	4	0.498	0.20	0.195	7.20	9.09	79360	81400	100270	102840	1.00	8.0	12.5	
4	0.664	4	0.498	0.20	0.195	6.99	8.90	77110	79090	98130	100650	0.90	8.0	11.3	
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-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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BEND TEST:

--	No Bend test performed	Note:- Only Four Samples Received and Tested

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

Israr Ullah Khan

Test Performed By:

Dr. /Engr.

S.Asad Ali Gillani

RE Nespak.(Const. of underpass Across Bedian Rd. Connecting Ph-VI with Ph-IX,DHA LHR)

Client Reference: 3790/102/IUK/UET/01/23

SOM Lab

5623 (Page-

Ref:

1/1)

Dated: 04-01-2022

Dated:

05-01-2022

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	1.471	6	0.742	0.44	0.432	16.70	19.90	83700	85250	99740	101590	1.50	8.0	18.8	
2	1.518	6	0.754	0.44	0.446	15.49	19.09	77670	76620	95700	94410	1.30	8.0	16.3	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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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

Irfan Mustafa

Test Performed By:

Dr. /Engr.

S Asad Gillani

CM at Tachi Mobile Detergent Palnt Project,Thaheem Construction Company

Client Reference: Nil

SOM Lab

5624 (Page-

Ref:

1/1)

Dated: 03-01-2022

Dated:

05-01-2022

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	1.545	6	0.760	0.44	0.454	14.00	18.30	70160	67990	91720	88890	1.20	8.0	15.0	
2	1.541	6	0.759	0.44	0.453	14.60	19.30	73170	71070	96720	93950	1.40	8.0	17.5	
3	0.666	4	0.500	0.20	0.196	6.39	8.40	70480	71920	92630	94520	1.10	8.0	13.8	
4	0.670	4	0.501	0.20	0.197	6.39	8.40	70480	71560	92630	94040	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
# 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. Muhammad Fiaz

Test Performed By:

Dr. /Engr. S.Asad Ali Gillani

SDO, The Punjab Emp. Social Security Inst. Lahore. (Const. Of Social Security Health Facility at Taunsa)

Client Reference: SS.DC()/379

SOM Lab 5625 (Page-

Ref: 1/1)

Dated: 03-01-2022

Dated: 05-01-2022

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	1.466	6	0.741	0.44	0.431	14.60	19.38	73170	74700	97130	99160	1.30	8.0	16.3	
2	1.527	6	0.756	0.44	0.449	14.79	20.40	74140	72650	102240	100190	1.30	8.0	16.3	
3	0.672	4	0.501	0.20	0.197	5.99	9.50	66100	67110	104770	106360	1.20	8.0	15.0	
4	0.676	4	0.503	0.20	0.199	5.99	9.59	66100	66430	105780	106310	1.20	8.0	15.0	
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BEND TEST:

--	No Bend test performed	Note:- Only Four Samples Received and Tested

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

Naeem Yousaf

Test Performed By:

Dr. /Engr.

S.Asad Ali Gillani

RE Nespak.(Const. of Office Copplex,DHA Bahwalpur)

Client Reference: 4401/NY/T/05/62

SOM Lab

5628 (Page-

Ref:

1/1)

Dated: 03-01-2022

Dated:

05-01-2022

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	2.667	8	0.999	0.79	0.784	30.19	38.09	84290	84940	106350	107160	1.00	8.0	12.5	
2	2.662	8	0.998	0.79	0.782	26.70	36.10	74530	75300	100770	101800	1.20	8.0	15.0	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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BEND TEST:

# 8	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

Naeem Yousaf
RE Nespak.(Const. of Office Copplex,DHA Bahwalpur)

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

Client Reference: 4401/NY/T/05/60

SOM Lab 5629 (Page-

Ref: 1/1)

Dated: 03-01-2022

Dated: 05-01-2022

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	1.483	6	0.745	0.44	0.436	13.69	17.99	68620	69250	90180	91010	1.00	8.0	12.5	
2	1.492	6	0.747	0.44	0.438	13.10	17.80	65660	65960	89210	89620	1.30	8.0	16.3	
3	0.664	4	0.498	0.20	0.195	5.89	8.30	64970	66640	91500	93850	1.50	8.0	18.8	
4	0.659	4	0.497	0.20	0.194	6.30	8.40	69470	71620	92630	95490	1.60	8.0	20.0	
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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