

Bismillah Developers
 PO Bismillah Housing Scheme Lahore.(Al-Raziq Garden)

Test Performed By: Dr. /Engr. Nauman Khurram

Client Reference: Nil

SOM Lab 5888 (Page-

Ref: 1/1)

Dated: 16-02-2022

Dated: 17-02-2022

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	0.549	4	0.453	0.20	0.161	6.65	9.25	73290	91050	101960	126650	1.30	8.0	16.3	
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BEND TEST:

# 4	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. Hasan Munir

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

CM Zameen Aurum.(Const. Of Zameen Aurum At Plot NO.15 Block L, Gulberg-III Lahore)

Client Reference: ZD/ZA/STR024

SOM Lab 5889 (Page-

Ref: 1/1)

Dated: 17-02-2022

Dated: 17-02-2022

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	2.662	8	0.998	0.79	0.782	24.77	36.92	69160	69860	103080	104130	1.40	8.0	17.5	
2	2.643	8	0.995	0.79	0.777	24.16	35.90	67450	68580	100230	101910	1.10	8.0	13.8	
3	0.668	4	0.500	0.20	0.196	6.03	8.31	66550	67910	91610	93480	0.90	8.0	11.3	
4	0.681	4	0.505	0.20	0.200	6.17	8.38	68010	68010	92400	92400	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
# 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/029

SOM Lab 5890 (Page-

Ref: 2/2)

Dated: 16-02-2022

Dated: 17-02-2022

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	1.496	6	0.748	0.44	0.440	14.93	19.03	74860	74860	95400	95400	1.30	8.0	16.3	
2	1.508	6	0.751	0.44	0.443	16.00	20.64	80220	79680	103470	102770	1.10	8.0	13.8	
3	1.508	6	0.751	0.44	0.443	16.62	20.64	83290	82720	103470	102770	1.40	8.0	17.5	
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BEND TEST:

# 6	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

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/028

SOM Lab 5890 (Page-

Ref: 1/2)

Dated: 16-02-2022

Dated: 17-02-2022

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	2.661	8	0.998	0.79	0.782	23.87	34.83	66650	67330	97240	98240	1.00	8.0	12.5	
2	2.654	8	0.997	0.79	0.780	24.03	35.02	67080	67940	97750	99010	1.00	8.0	12.5	
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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

Asif Shahzad

Test Performed By:

Dr. /Engr.

Nauman Khurram

APE Building Section DHA Gujranwala.Const. Of Villas (Block-C)

Client Reference: 111/3/APE Bldge/Gen/11

SOM Lab 5891 (Page-

Ref: 1/1)

Dated: Feb-2022

Dated: 17-02-2022

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	1.480	6	0.744	0.44	0.435	14.58	19.62	73070	73910	98360	99490	1.60	8.0	20.0	
2	1.484	6	0.745	0.44	0.436	14.73	19.62	73830	74510	98360	99260	1.50	8.0	18.8	
3	0.665	4	0.498	0.20	0.195	6.29	8.51	69360	71140	93860	96270	1.20	8.0	15.0	
4	0.672	4	0.501	0.20	0.197	6.27	8.61	69130	70190	94990	96430	1.10	8.0	13.8	
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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

Riaz Elahi

Test Performed By:

Dr. /Engr.

Nauman Khuram

Dy.Dir(QCD) WASA,LDA,Lhr.(Sorepoint At Sheranwala Gate,Lahore)(M/s.Zealcon-AEPL-Mastic JV)

Client Reference: QCD/358-59

SOM Lab

5892 (Page-

Ref:

1/2)

Dated: 15-02-2022

Dated:

17-02-2022

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Gauge Length: 8 inch

Sample Type:

Deformed Bar (ZSR ISBD)

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	2.573	8	0.981	0.79	0.756	28.34	34.96	79120	82670	97610	102000	0.60	8.0	7.5	
2	2.587	8	0.984	0.79	0.760	21.78	36.72	60820	63220	102510	106550	1.10	8.0	13.8	
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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

Riaz Elahi

Test Performed By:

Dr. /Engr.

Nauman Khuram

Dy.Dir(QCD) WASA,LDA,Lhr.(Sorepoint At Sheranwala Gate,Lahore)(M/s.Zealcon-AEPL-Mastic JV)

Client Reference: QCD/360-61

SOM Lab

5892 (Page-

Ref:

2/2)

Dated: 15-02-2022

Dated:

17-02-2022

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Gauge Length: 8 inch

Sample Type:

Deformed Bar (ZSR ISBD)

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	1.449	6	0.736	0.44	0.426	10.67	16.38	53500	55260	82110	84810	1.70	8.0	21.3	
2	1.447	6	0.736	0.44	0.425	10.70	16.18	53650	55550	81090	83950	1.60	8.0	20.0	
3	0.661	4	0.497	0.20	0.194	5.61	9.14	61830	63740	100830	103950	1.00	8.0	12.5	
4	0.639	4	0.489	0.20	0.188	5.32	8.36	58680	62430	92180	98060	1.10	8.0	13.8	
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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

Maj Adnan Khalid (R)

Test Performed By:

Dr. /Engr.

Nauman Khurram

Dy Dir MTL DHA Lhr,(Const. Of 18 Green Apartment Complex DRGCC DHA Ph-VI (M/s Construct)

Client Reference: 408/241/32/Lab/49/218

SOM Lab 5893 (Page-

Ref: 1/1)

Dated: 17-02-2022

Dated: 17-02-2022

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	1.465	6	0.741	0.44	0.431	13.22	18.57	66270	67660	93100	95040	1.50	8.0	18.8	
2	1.480	6	0.744	0.44	0.435	13.27	18.71	66530	67290	93760	94840	1.30	8.0	16.3	
3	1.476	6	0.743	0.44	0.434	13.63	18.91	68320	69260	94780	96090	1.10	8.0	13.8	
4	1.469	6	0.742	0.44	0.432	14.48	20.44	72560	73900	102450	104340	1.10	8.0	13.8	
5	0.663	4	0.498	0.20	0.195	6.17	8.31	68010	69750	91610	93960	1.00	8.0	12.5	
6	0.644	4	0.491	0.20	0.189	6.07	7.90	66890	70780	87120	92190	1.00	8.0	12.5	
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BEND TEST:

# 6	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

Beacon Impex

Test Performed By:

Dr. /Engr.

Nauman Khurram

34km Skp Road,Faisalabad.(Const.Of Multi Storey Building On Front Of Ware House At BI)

Client Reference: Nil

SOM Lab 5894 (Page-

Ref: 1/1)

Dated: 16-02-2022

Dated: 17-02-2022

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Gauge Length: 8 inch

Sample Type:

Deformed Bar (Farooq Supreme)

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	2.530	8	0.973	0.79	0.744	17.76	28.21	49580	52640	78750	83610	1.60	8.0	20.0	
2	2.546	8	0.976	0.79	0.748	17.99	28.46	50230	53050	79460	83920	1.60	8.0	20.0	
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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

Beacon Impex

Test Performed By:

Dr. /Engr.

Nauman Khurram

34km Skp Road,Faisalabad.(Const.Of R.C.C Structure Shell Type Building For Ware House At BI-II)

Client Reference: Nil

SOM Lab

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Ref:

1/1)

Dated: 16-02-2022

Dated:

17-02-2022

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Gauge Length: 8 inch

Sample Type:

Deformed Bar (Mehran Metro)

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	1.438	6	0.734	0.44	0.423	10.62	15.75	53240	55380	78940	82120	1.40	8.0	17.5	
2	1.443	6	0.735	0.44	0.424	10.70	15.77	53650	55680	79050	82030	1.30	8.0	16.3	
3	0.587	4	0.469	0.20	0.173	4.71	6.93	51940	60040	76440	88370	1.20	8.0	15.0	
4	0.583	4	0.467	0.20	0.171	4.64	6.85	51150	59820	75540	88350	1.40	8.0	17.5	
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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