

Ch. Umair Waqar, Managing
Director

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

E & DC Associates, Construction of 5 Marla House # 28/24, DHA Rahbar, Phase II, Lahore

Client Reference: Nil

SOM Lab

Ref: 1865 (Page-1/1)

Dated: 06-03-2023

Dated: 06-03-2023

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	1.516	6	0.754	0.44	0.446	15.14	19.93	75880	74860	99890	98550	1.10	8.0	13.8	
2	1.516	6	0.754	0.44	0.446	15.04	19.90	75370	74350	99740	98400	1.10	8.0	13.8	
3	0.672	4	0.501	0.20	0.197	7.21	9.09	79470	80690	100270	101800	1.20	8.0	15.0	
4	0.669	4	0.501	0.20	0.197	6.80	8.79	74980	76120	96900	98370	1.00	8.0	12.5	
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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

M/S Five Star Steel Mill Pvt Ltd
Sheikhupura

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

Client Reference: FSSM/Letter # 01

Dated: 07-03-2023

SOM Lab Ref: CED/SOM/1875(Page-1/1)

Dated: 07-03-2023

Test: Tension Test & Bend Test

Test Specification: ASTM-A 615

Sample Type: Deformed Bar (5 Star)

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	0.996	12.7	12.72	123	127	55.20	82.70	450	435	674	652	32.5	200	16.3	
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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

Iyas Ahmed

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

Al-Mustafa Contractor (Pvt) Ltd., Main Entrance Gate at District One Housing , Jaati Umrah, Lahore

Client Reference: AMC/UET/1529-23

SOM Lab

Ref: 1872 (Page-1/1)

Dated: 06-03-2023

Dated: 07-03-2023

Test: Tension Test & Bend Test

Test Specification: ASTM-A-615

Gauge Length: 8 inch

Sample Type: Deformed Bar (101 Group)

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	1.512	6	0.752	0.44	0.444	17.58	21.43	88140	87350	107400	106430	1.00	8.0	12.5	
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BEND TEST:

# 6	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

Baig Construction Co
Lahore.(Const Of M/s Chohan Hospital Jail Rd Lahore)

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

Client Reference: 06-32023BCC

SOM Lab

Ref: 1873 (Page-1/1)

Dated: 07-03-2023

Dated: 07-03-2023

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	2.766	8	1.017	0.79	0.813	26.15	34.32	73000	70930	95820	93110	1.40	8.0	17.5	
2	2.665	8	0.998	0.79	0.783	27.62	34.91	77120	77810	97470	98340	1.50	8.0	18.8	
3	1.472	6	0.743	0.44	0.433	14.60	18.60	73170	74350	93250	94760	1.30	8.0	16.3	
4	1.478	6	0.743	0.44	0.434	15.90	19.67	79710	80810	98610	99980	1.50	8.0	18.8	
5	0.667	4	0.500	0.20	0.196	7.00	8.74	77230	78800	96340	98300	1.30	8.0	16.3	
6	0.671	4	0.501	0.20	0.197	7.44	9.02	82060	83310	99480	101000	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

Col Tajamal Hussain Riaz ®

Test Performed By:

Dr. /Engr.

Asad Ali Gillani

RE ACE Ltd.Multan.(Secretariat Officer Building Multan & Allied Work)

SOM Lab

Client Reference: ACE/RE/CSM/2022/485

Ref:

1874 (Page-1/1)

Dated: 03-03-2023

Dated:

07-03-2023

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	2.632	8	0.992	0.79	0.773	24.82	34.27	69300	70820	95680	97780	1.30	8.0	16.3	
2	2.643	8	0.995	0.79	0.777	24.89	34.37	69500	70660	95960	97570	1.40	8.0	17.5	
3	1.477	6	0.743	0.44	0.434	13.91	20.08	69750	70710	100660	102050	1.00	8.0	12.5	
4	1.481	6	0.744	0.44	0.435	14.12	20.41	70770	71580	102290	103470	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	

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

Muhammad Zain Ul Abadeen,RE

Test Performed By:

Dr. /Engr.

Asad Ali Gillani

Nespak,Lhr.(Storm Water Drainage System From Sham Nagar To River Ravi Pkg-II)

Client Reference: 3882/11/MZA/01/1389

SOM Lab

Ref:

1876 (Page-1/1)

Dated: 19-01-2023

Dated:

07-03-2023

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	1.496	6	0.748	0.44	0.440	14.27	19.42	71540	71540	97340	97340	1.30	8.0	16.3	
2	1.496	6	0.748	0.44	0.440	14.34	19.47	71890	71890	97590	97590	1.30	8.0	16.3	
3	0.672	4	0.501	0.20	0.197	6.37	8.56	70260	71330	94420	95860	1.20	8.0	15.0	
4	0.667	4	0.500	0.20	0.196	6.44	8.72	71040	72490	96110	98070	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. Haseeb Afzal

Test Performed By:

Dr. /Engr.

Nauman Khurram

Project Manager HMB Developers Pvt Ltd.(Commercial Tower, FTC Lahore)

Client Reference: HMBDPL/CR/03-03/23/(LHR)

SOM Lab

Ref:

1877 (Page-1/1)

Dated: 06-03-2023

Dated:

07-03-2023

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	0.671	4	0.501	0.20	0.197	6.47	8.61	71380	72470	94990	96430	1.40	8.0	17.5	
2	0.663	4	0.498	0.20	0.195	6.17	8.23	68010	69750	90720	93040	1.50	8.0	18.8	
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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

Prof.DR.Engr.Abdulah Yasar,CE

Test Performed By:

Dr. /Engr.

Asad Ali Gillani

GC Uni,Lhr.(Const Of New Girls Hostel at Main Campus GCU Lahore)

Client Reference: GCU/Engr/877/W.O

SOM Lab

Ref:

1878 (Page-1/1)

Dated: 06-03-2023

Dated:

07-03-2023

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	2.575	8	0.982	0.79	0.757	26.20	34.63	73140	76330	96670	100890	1.00	8.0	12.5	
2	1.493	6	0.748	0.44	0.439	16.13	19.72	80830	81020	98870	99100	1.30	8.0	16.3	
3	0.667	4	0.500	0.20	0.196	5.98	8.97	65990	67330	98920	100940	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	
# 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. Irfan Ali

Test Performed By:

Dr. /Engr. Asad Ali Gillani

MP Ittefaq Construction Services Lahore.(Const Of Commercial Plaza "11 Westwood" Lhr)

Client Reference: ICS/H.O/B.T.P/002

SOM Lab

Ref: 1879 (Page-1/1)

Dated: 06-03-2023

Dated: 07-03-2023

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	2.689	8	1.003	0.79	0.790	25.30	33.84	70630	70630	94480	94480	1.50	8.0	18.8	
2	2.650	8	0.996	0.79	0.779	24.57	34.17	68590	69550	95390	96740	1.60	8.0	20.0	
3	0.671	4	0.501	0.20	0.197	6.29	8.63	69360	70410	95210	96660	1.40	8.0	17.5	
4	0.670	4	0.501	0.20	0.197	6.37	8.66	70260	71330	95550	97000	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
# 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

