

Waqas Arshad

Test Performed By:

Dr. /Engr.

S. Asad Ali Gillani

Head of Projects, Tameerat SMC Pvt. Ltd., 244 CCA Phase 4, DHA Lahore

Client Reference: Nil

SOM Lab

3687(Page-

Ref:

1/1)

Dated: nil

Dated:

21-01-2021

Test: Tension 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	0.587	4	0.469	0.20	0.173	4.61	6.88	50810	58740	75880	87720	1.20	8.0	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

Engr. Naveed Sadiq
Resident Engineer, Orbit Housing, Lahore

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

Client Reference: Nil

SOM Lab 3688(Page-

Ref: 1/1)

Dated: 21-08-2021

Dated: 21-01-2021

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	2.687	8	1.003	0.79	0.790	23.22	35.02	64830	64830	97750	97750	1.40	8.0	17.5	
2	2.554	8	0.978	0.79	0.751	23.01	35.02	64230	67570	97750	102830	1.50	8.0	18.8	
3	1.491	6	0.747	0.44	0.438	13.15	20.29	65910	66220	101680	102140	1.30	8.0	16.3	
4	1.508	6	0.751	0.44	0.443	12.61	19.67	63210	62780	98610	97950	1.50	8.0	18.8	
5	0.670	4	0.501	0.20	0.197	5.93	8.92	65420	66420	98360	99860	1.10	8.0	13.8	
6	0.666	4	0.500	0.20	0.196	5.96	8.82	65760	67100	97230	99220	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

Abdul Ghafar
Project Manager Liberty Builders, Lahore

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

Client Reference: ST/UET/ 20210121-A

SOM Lab 3689(Page-

Ref: 1/1)

Dated: 21-01-2021

Dated: 21-01-2021

Test: Tension Test & Bend Test

Test Specification: ASTM-A-615

Gauge Length: 8 inch

Sample Type: Deformed Bar(Bataala Premium)

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	1.484	6	0.745	0.44	0.436	13.35	19.67	66940	67550	98610	99520	1.40	8.0	17.5	
2	1.513	6	0.753	0.44	0.445	13.43	19.75	67290	66540	98970	97860	1.40	8.0	17.5	
3	1.500	6	0.749	0.44	0.441	13.53	19.72	67810	67650	98870	98650	1.30	8.0	16.3	
4	0.675	4	0.502	0.20	0.198	5.78	8.74	63740	64380	96340	97310	1.50	8.0	18.8	
5	0.660	4	0.497	0.20	0.194	5.71	8.63	62950	64900	95210	98160	1.40	8.0	17.5	
6	0.660	4	0.497	0.20	0.194	5.61	8.53	61830	63740	94090	97000	1.40	8.0	17.5	
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BEND TEST:

# 6	Sample bend through 180 degrees Satisfactorily without any crack	Note:- Only Eight 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

Syed Yasir Ali

Test Performed By:

Dr. /Engr.

Nauman Khurram

Resident Engineer, NESPAK, (Pvt) Ltd.(Establishment of U.E.T. Sub Campus at Narowal)

Client Reference: 3863/13/SYA/Labtesting/244

SOM Lab

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Ref:

1/1)

Dated: 15-01-2021

Dated:

21-01-2021

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	2.635	8	0.993	0.79	0.774	28.56	36.19	79740	81390	101030	103120	1.30	8.0	16.3	
2	2.620	8	0.990	0.79	0.770	29.33	36.39	81880	84000	101600	104230	1.10	8.0	13.8	
3	1.343	6	0.709	0.44	0.395	19.67	23.80	98610	109850	119310	132900	0.60	8.0	7.5	
4	1.366	6	0.715	0.44	0.401	19.59	23.57	98210	107760	118130	129620	0.60	8.0	7.5	
5	0.704	4	0.513	0.20	0.207	7.56	9.23	83410	80590	101730	98290	0.70	8.0	8.8	
6	0.700	4	0.512	0.20	0.206	7.49	9.19	82620	80220	101390	98440	0.80	8.0	10.0	
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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

Muhammad Saleem
GM, Professional Construction Services (Pvt) Ltd. Lahore

Test Performed By: Dr. /Engr. Nauman Khurram

Client Reference: PCS/2021/Eng-08

SOM Lab 3691(Page-

Ref: 1/3)

Dated: 21-01-2021

Dated: 21-01-2021

Test: Tension 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	0.668	4	0.500	0.20	0.196	6.60	8.46	72730	74210	93300	95200	1.10	8.0	13.8	
2	0.668	4	0.500	0.20	0.196	6.34	8.26	69920	71350	91050	92910	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
GM, Professional Construction Services (Pvt) Ltd. Lahore

Test Performed By: Dr. /Engr. Nauman Khurram

Client Reference: PCS/2021/Eng-09

SOM Lab 3691(Page-

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Dated: 21-01-2021

Dated: 21-01-2021

Test: Tension 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	1.011	5	0.615	0.31	0.297	8.36	11.62	59470	62070	82680	86300	1.40	8.0	17.5	
2	1.029	5	0.620	0.31	0.302	8.07	11.34	57440	58960	80650	82780	1.50	8.0	18.8	
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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
GM, Professional Construction Services (Pvt) Ltd. Lahore

Test Performed By: Dr. /Engr. Nauman Khurram

Client Reference: PCS/2021/Eng-10

SOM Lab 3691(Page-

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Dated: 21-01-2021

Dated: 21-01-2021

Test: Tension 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	1.426	6	0.730	0.44	0.419	12.95	18.14	64890	68150	90950	95510	1.10	8.0	13.8	
2	1.456	6	0.738	0.44	0.428	13.22	17.48	66270	68130	87630	90090	1.20	8.0	15.0	
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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

Engr. Shabbeer Nazir
Construction Manager, Zameen Aurum, Lahore

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

Client Reference: ZD/ZA/L/017

SOM Lab 3694(Page-

Ref: 1/1)

Dated: 21-01-2021

Dated: 21-01-2021

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	2.606	8	0.988	0.79	0.766	24.87	34.07	69440	71620	95110	98090	1.30	8.0	16.3	
2	2.658	8	0.997	0.79	0.781	28.75	37.61	80250	81180	105010	106220	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

M/S Top Con (Pvt) Ltd.
Engineers & Contractors, Lahore

Test Performed By: Dr. /Engr. Nauman Khurram

Client Reference: TCL-102/2021

SOM Lab 3696(Page-

Ref: 1/1)

Dated: 21-01-2021

Dated: 21-01-2021

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	2.502	8	0.967	0.79	0.735	24.41	34.17	68160	73260	95390	102530	1.40	8.0	17.5	
2	2.546	8	0.976	0.79	0.748	24.08	34.05	67220	70990	95050	100390	1.30	8.0	16.3	
3	1.503	6	0.750	0.44	0.442	17.76	21.71	89010	88610	108830	108340	1.10	8.0	13.8	
4	1.511	6	0.752	0.44	0.444	18.20	22.04	91210	90380	110470	109470	1.00	8.0	12.5	
5	0.706	4	0.513	0.20	0.207	6.90	9.35	76100	73530	103080	99590	1.10	8.0	13.8	
6	0.715	4	0.517	0.20	0.210	7.21	9.68	79470	75690	106790	101700	1.00	8.0	12.5	
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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

Construction Manager
NESPAK, (Pvt) Ltd. Lahore

Test Performed By: Dr. /Engr. M. Irfan UI Hassan

Client Reference: 3976/13/MHK/01/188

SOM Lab Ref: 3497(Page-1/1)

Dated: 19-01-2021

Dated: 21-01-2021

Test: Tension Test & Bend Test

Test Specification: ASTM-A-615

Gauge Length: 8 inch

Sample Type: Deformed Bar

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	0.670	4	0.501	0.20	0.197	6.98	8.58	77000	78170	94650	96090	1.20	8.0	15.0	
2	0.671	4	0.501	0.20	0.197	6.93	8.82	76440	77600	97230	98720	1.30	8.0	16.3	
3	0.673	4	0.502	0.20	0.198	7.03	8.72	77560	78350	96110	97080	1.30	8.0	16.3	
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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