

Engr. Zaheer Ud Din Babar

Test Performed By:

Dr. /Engr. Asad Ali Gillani

Dy. General Manager Projects.HRL Engineering (Pvt.) Ltd.(Const Of sky Gardens Tower,Lahore)

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Client Reference: HRLE/SKG/2022/092/2418-19/RETEST

SOM Lab Ref:

Dated: 07-12-2022

Dated:

07-12-2022

Test: Tension Test

Test Specification:

ASTM-A-615

Guage Length: 200 mm

Sample Type:

MS 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)				
	kg/m	mm	mm	mm ²	mm ²	kN	kN	MPa	MPa	MPa	MPa	mm	mm	%	
1	3.813	25	24.88	491	486	197.70	303.70	403	407	619	625	32.5	200	16.3	
2	3.802	25	24.83	491	484	198.00	303.70	403	409	619	628	30.0	200	15.0	
3	3.820	25	24.89	491	487	198.20	302.70	404	408	616	623	37.5	200	18.8	
4	3.819	25	24.89	491	486	254.00	367.70	517	523	749	756	37.5	200	18.8	
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BEND TEST:

25mm	Sample bend through 180 degrees Satisfactorily without any crack	Note:- Only Six Samples Received and Tested
25mm	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

Sub Divisional Officer,

Test Performed By:

Dr. /Engr. Asad Ali Gillani

PHE Sub Div Karor Lal Easan.(Prov of Reverse Osmois (RO) Plant Fatehpur Tehsil Karor)

Client Reference: 448

SOM Lab

Ref: 1371 (Page-1/1)

Dated: 04-10-2022

Dated: 07-12-2022

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	0.675	4	0.502	0.20	0.198	6.37	8.72	70260	70970	96110	97080	1.10	8.0	13.8	
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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

Arshad Mehmood Warsi

Test Performed By:

Dr. /Engr.

Asad Ali Gillani

Dream Garden,Daska Road Wazirabad.(Site Store,234 & 243 Ph-1 Project,DGL)

Client Reference: Nil

SOM Lab

Ref:

1372 (Page-1/1)

Dated: 07-12-2022

Dated:

07-12-2022

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	1.411	6	0.727	0.44	0.415	17.20	20.66	86200	91390	103570	109810	1.00	8.0	12.5	
2	0.650	4	0.493	0.20	0.191	6.90	8.97	76100	79690	98920	103580	1.20	8.0	15.0	
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BEND TEST:

# 6	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

Executive Engineer EHV,(Civil)

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

NTDC Lhr.(Const of Storm Water Drainage 7.5M wide Rd Paved Floor & B/Wall Extn For Warehouse)

Client Reference: 1697-99/XEN/EHV/WE-67(2)

SOM Lab

Ref: 1373 (Page-1/1)

Dated: 10-11-2022

Dated: 07-12-2022

Test: Tension Test & Bend Test

Test Specification: ASTM-A-615

Gauge Length: 8 inch

Sample Type: Deformed Bar (Batala 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	1.498	6	0.748	0.44	0.440	13.61	19.44	68210	68210	97440	97440	1.10	8.0	13.8	
2	1.497	6	0.748	0.44	0.440	14.04	19.78	70360	70360	99130	99130	1.30	8.0	16.3	
3	0.670	4	0.501	0.20	0.197	6.60	9.04	72730	73840	99710	101230	1.30	8.0	16.3	
4	0.665	4	0.498	0.20	0.195	6.68	9.09	73630	75520	100270	102840	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

Tariq Mehmood, Site Engr
 Lord's Residencia Lahore.

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

Client Reference: R.O-001

SOM Lab

Ref: 1374 (Page-1/2)

Dated: 07-12-2022

Dated: 07-12-2022

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	2.647	8	0.995	0.79	0.778	26.96	34.91	75270	76430	97470	98970	1.30	8.0	16.3	
2	1.473	6	0.743	0.44	0.433	15.67	19.16	78530	79800	96060	97610	1.20	8.0	15.0	
3	0.669	4	0.501	0.20	0.197	6.95	8.74	76660	77830	96340	97800	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	
# 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

Tariq Mehmood, Site Engr
 Lord's Residencia Lahore.

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

Client Reference: R.N-001

SOM Lab

Ref: 1374 (Page-2/2)

Dated: 07-12-2022

Dated: 07-12-2022

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	2.666	8	0.998	0.79	0.783	24.26	38.02	67730	68340	106150	107100	1.40	8.0	17.5	
2	1.493	6	0.748	0.44	0.439	13.46	20.74	67450	67600	103980	104220	1.30	8.0	16.3	
3	0.672	4	0.501	0.20	0.197	6.39	9.53	70480	71560	105100	106700	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	
# 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