

Maj Adnan Khalid (R)

Test Performed By:

Dr. /Engr. S Asad Ali Gillani

Dy Dir MTL DHA Lhr,(Const.Of Infra Dev Works of Sector-4 Q-Block DHA Ph-XI Rahbar)(M/s DHA-C)

Client Reference: 408/241/32/Lab/193/123

SOM Lab

Ref: 5534(Page-1/1)

Dated: 24-12-2021

Dated: 24-12-2021

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Gauge Length: 8 inch

Sample Type:

Deformed Bar (AF 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	1.537	6	0.759	0.44	0.452	19.98	23.98	100150	97490	120180	116990	1.00	8.0	12.5	
2	1.517	6	0.754	0.44	0.446	19.95	23.92	99990	98650	119920	118310	1.00	8.0	12.5	
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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

Wasif Iqbal

Test Performed By:

Dr. /Engr.

S. Asad Ali
Gillani

Officer Construction N-I Allied Bank Ltd.(Const.of B/O Khurianwala Jaranwala Rd.Faisalabad)

Client Reference: GSRE-21/CON/N1/AI/2000

SOM Lab

Ref: 5435(Page-1/1)

Dated: 24-12-2021

Dated: 24-12-2021

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	1.522	6	0.754	0.44	0.447	14.63	19.52	73320	72180	97850	96320	1.10	8.0	13.8	
2	1.521	6	0.754	0.44	0.447	14.32	19.42	71790	70670	97340	95810	1.30	8.0	16.3	
3	1.049	5	0.626	0.31	0.308	9.45	13.05	67230	67670	92830	93430	1.40	8.0	17.5	
4	1.061	5	0.630	0.31	0.312	9.33	12.90	66360	65930	91740	91150	1.10	8.0	13.8	
5	0.586	4	0.468	0.20	0.172	5.47	7.31	60370	70190	80600	93720	1.20	8.0	15.0	
6	0.596	4	0.472	0.20	0.175	5.40	7.19	59580	68090	79250	90570	1.20	8.0	15.0	
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BEND TEST:

6 Sample bend through 180 degrees Satisfactorily without any crack

5 Sample bend through 180 degrees Satisfactorily without any crack

4 Sample bend through 180 degrees Satisfactorily without any crack

Note:-Only Nine Samples
Received and TestedNote: Please always confirm the results of above report on web www.uet-civil.edu.pk

Sarfraz Rasheed

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

GM Ittefaq Building Solution (Pvt.)Ltd. (Const. Of New Superior Hospital At Raiwind Rd Lahore)

Client Reference: IBS/CED/

SOM Lab

Ref: 5536(Page-1/1)

Dated: 24-12-2021

Dated: 24-12-2021

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	1.066	5	0.631	0.31	0.313	9.17	12.86	65270	64650	91520	90650	1.40	8.0	17.5	
2	0.598	4	0.473	0.20	0.176	5.42	7.41	59800	67960	81720	92870	1.20	8.0	15.0	
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BEND TEST:

# 5	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

Assistant project Director

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

PMU-SBP Lahore.(Const. of footBall Stadium Complex And Sports Facilities In Muridke)

Client Reference: ADP/PMU/SBP/LHR/21/153-A

SOM Lab 5537-5538(Page-

Ref: 1/2)

Dated: 11-10-2021

Dated: 24-12-2021

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	1.494	6	0.748	0.44	0.439	14.50	20.49	72660	72820	102700	102940	1.20	8.0	15.0	
2	1.493	6	0.748	0.44	0.439	14.80	20.76	74190	74360	104080	104320	1.30	8.0	16.3	
3	0.666	4	0.500	0.20	0.196	6.44	8.79	71040	72490	96900	98880	1.20	8.0	15.0	
4	0.656	4	0.496	0.20	0.193	6.32	8.72	69700	72220	96110	99600	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

Assistant project Director

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

PMU-SBP Lahore.(Punjab olympic Village At Rakh Chabeel Lahore (Ph-I) GS#618)

Client Reference: ADP/PMU/SBP/LHR/21/155

SOM Lab 5537-5538(Page-

Ref: 2/2)

Dated: 11-10-2021

Dated: 24-12-2021

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	1.502	6	0.749	0.44	0.441	14.80	20.71	74190	74020	103830	103590	1.20	8.0	15.0	
2	1.489	6	0.747	0.44	0.438	14.70	20.61	73680	74020	103310	103790	1.20	8.0	15.0	
3	0.667	4	0.500	0.20	0.196	6.54	8.87	72170	73640	97800	99790	1.00	8.0	12.5	
4	0.667	4	0.500	0.20	0.196	6.44	8.77	71040	72490	96670	98650	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

Khalid Bashir

Test Performed By:

Dr. /Engr.

S Asad Ali Gillani

Ittefaq Building Solution (Pvt.)Ltd. (Sapphire Diamond Ferozwatwan)

Client Reference: IBS/SD/ST05

SOM Lab

Ref:

5540(Page-1/2)

Dated: 24-12-2021

Dated:

24-12-2021

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	2.608	8	0.988	0.79	0.766	25.76	34.17	71920	74170	95390	98380	1.40	8.0	17.5	
2	2.607	8	0.988	0.79	0.766	26.20	34.02	73140	75430	94970	97940	1.40	8.0	17.5	
3	1.499	6	0.749	0.44	0.441	15.62	19.85	78280	78100	99480	99260	1.20	8.0	15.0	
4	1.496	6	0.748	0.44	0.440	14.98	19.37	75110	75110	97080	97080	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

Khalid Bashir

Test Performed By:

Dr. /Engr.

S Asad Ali Gillani

Ittefaq Building Solution (Pvt.)Ltd. (Sapphire Diamond Ferozwatwan)(Yarn Warehouse)

Client Reference: IBS/SD/ST04

SOM Lab

Ref:

5540(Page-2/2)

Dated: 24-12-2021

Dated:

24-12-2021

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	2.689	8	1.003	0.79	0.790	26.88	34.63	75050	75050	96670	96670	1.30	8.0	16.3	
2	2.634	8	0.993	0.79	0.774	26.68	33.28	74480	76020	92920	94840	1.40	8.0	17.5	
3	0.664	4	0.498	0.20	0.195	6.37	8.21	70260	72060	90490	92810	1.00	8.0	12.5	
4	0.670	4	0.501	0.20	0.197	6.83	9.14	75320	76460	100830	102370	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