

Maj Adnan khalid®

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

Dy Dir MTL, Const. of Infra Works Overseas Enclave Sector-T, Phase-VII DHA Lahore (M/S DHA-C)

Client Reference: 408/241/E/Lab/140/60

SOM Lab

Ref: 5083(Page-1/1)

Dated: 01-10-2021

Dated: 04-10-2021

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	0.647	4	0.492	0.20	0.190	7.16	8.94	78910	83070	98580	103770	1.20	8.0	15.0	
2	0.657	4	0.496	0.20	0.193	7.46	9.14	82290	85270	100830	104490	1.30	8.0	16.3	
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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

Maj Adnan khalid®

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

Dy Dir MTL, Const. of Infra Works Overseas Enclave Sector-T, Phase-VII DHA Lahore (M/S DHA-C)

Client Reference: 408/241/E/Lab/140/60

SOM Lab

Ref: 5083(Page-1/1)

Dated: 01-10-2021

Dated: 04-10-2021

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	0.647	4	0.492	0.20	0.190	7.16	8.94	78910	83070	98580	103770	1.20	8.0	15.0	
2	0.657	4	0.496	0.20	0.193	7.46	9.14	82290	85270	100830	104490	1.30	8.0	16.3	
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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

Muhammad Mukhtar
 Manager Project IDAP, Government of Punjab

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

Client Reference: CSM-1/DAP/2021/12

SOM Lab

Ref: 5086(Page-1/1)

Dated: 02-10-2021

Dated: 04-10-2021

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Deformed Bar (FF
 Steel)

Gauge Length: 8 inch

Sample Type:

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	2.716	8	1.008	0.79	0.798	27.22	35.44	75980	75220	98950	97960	1.40	8.0	17.5	
2	2.676	8	1.000	0.79	0.786	27.06	35.55	75560	75940	99230	99740	1.40	8.0	17.5	
3	1.510	6	0.752	0.44	0.444	14.39	19.34	72150	71500	96930	96060	1.30	8.0	16.3	
4	1.516	6	0.754	0.44	0.446	14.39	19.32	72150	71180	96830	95520	1.40	8.0	17.5	
5	0.681	4	0.505	0.20	0.200	6.68	8.74	73630	73630	96340	96340	1.10	8.0	13.8	
6	0.679	4	0.505	0.20	0.200	6.70	8.74	73850	73850	96340	96340	1.10	8.0	13.8	
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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

Asif Pervaiz Butt
Resident Engineer, AYQ Developers Pvt. Ltd. Lahore

Test Performed By: Dr. /Engr. Dr. Rizwan Azam

Client Reference: NIL

SOM Lab

Ref: 5087(Page-1/1)

Dated: 04-10-2021

Dated: 04-10-2021

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Deformed Bar (AF

Gauge Length: 8 inch

Sample Type:

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	2.678	8	1.001	0.79	0.787	23.98	35.12	66940	67190	98040	98410	1.20	8.0	15.0	
2	2.629	8	0.992	0.79	0.773	21.66	29.68	60480	61810	82870	84690	1.60	8.0	20.0	
3	2.649	8	0.995	0.79	0.778	20.70	28.90	57800	58690	80680	81920	1.50	8.0	18.8	
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BEND TEST:

# 8	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

Muhammad Shahbaz
Imperium Hospitality (Pvt) Ltd. Lahore

Test Performed By: Dr. /Engr.

S. Asad Ali
Gillani

Client Reference: IHPL/Steel/0131

Dated: 01-10-2021

Test: Tension Test & Bend Test

Gauge Length: 8 inch

Test Specification:

Sample Type:

SOM Lab

Ref: 5090(Page-1/3)

Dated: 04-10-2021

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	0.607	4	0.476	0.20	0.178	6.09	7.56	67110	75400	83410	93720	1.10	8.0	13.8	
2	0.609	4	0.477	0.20	0.179	6.12	7.70	67450	75360	84870	94830	1.20	8.0	15.0	
3	0.611	4	0.479	0.20	0.180	6.34	7.97	69920	77690	87910	97670	1.30	8.0	16.3	
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Witnessed By: Rafi Ullah (IHPL) & Ali Hasnain Khan, Jr. Planing Engineer, Kingcrete Builders.

BEND TEST:

# 4	Sample bend through 180 degrees Satisfactorily without any crack	Note:- Only Five 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

Muhammad Shahbaz
Imperium Hospitality (Pvt) Ltd. Lahore

Test Performed By: Dr. /Engr.

S. Asad Ali
Gillani

Client Reference: IHPL/Steel/0132

Dated: 01-10-2021

Test: Tension Test & Bend Test

Gauge Length: 8 inch

Test Specification:

Sample Type:

SOM Lab

Ref: 5090(Page-2/3)

Dated: 04-10-2021

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	1.510	6	0.752	0.44	0.444	15.40	19.72	77210	76510	98870	97980	1.30	8.0	16.3	
2	1.490	6	0.747	0.44	0.438	15.62	19.54	78280	78640	97950	98400	1.30	8.0	16.3	
3	1.501	6	0.749	0.44	0.441	15.11	19.24	75720	75550	96420	96200	1.20	8.0	15.0	
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Witnessed By: Rafi Ullah (IHPL) & Ali Hasnain Khan, Jr. Planing Engineer, Kingcrete Builders.

BEND TEST:

# 6	Sample bend through 180 degrees Satisfactorily without any crack	Note:- Only Five 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 Shahbaz
Imperium Hospitality (Pvt) Ltd. Lahore

Test Performed By: Dr. /Engr.

S. Asad Ali
Gillani

Client Reference: IHPL/Steel/0133

Dated: 01-10-2021

Test: Tension Test & Bend Test

Gauge Length: 8 inch

Test Specification:

Sample Type:

SOM Lab

Ref: 5090(Page-3/3)

Dated: 04-10-2021

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	2.560	8	0.979	0.79	0.752	30.48	37.74	85090	89390	105350	110680	1.10	8.0	13.8	
2	2.565	8	0.980	0.79	0.754	31.09	38.55	86800	90940	107630	112770	1.20	8.0	15.0	
3	2.587	8	0.984	0.79	0.760	30.58	38.02	85380	88750	106150	110340	1.20	8.0	15.0	
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Witnessed By: Rafi Ullah (IHPL) & Ali Hasnain Khan, Jr. Planing Engineer, Kingcrete Builders.

BEND TEST:

# 8	Sample bend through 180 degrees Satisfactorily without any crack	Note:- Only Five Samples Received and Tested
# 8	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 Mujahid Mustaqeem
Assistant Resident Engineer, (ECSP PAPA Projects, Multan)

Test Performed By: Dr. /Engr. Dr. Rizwan Azam

Client Reference: ECSP/PAPA/SZ-MUL-27

SOM Lab Ref: 5091(Page-1/1)

Dated: 30-09-2021

Dated: 04-10-2021

Test: Tension Test & Bend Test

Test Specification: ASTM-A-615

Guage 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	6.83	8.74	75320	76850	96340	98300	1.20	8.0	15.0	
2	0.672	4	0.501	0.20	0.197	6.88	8.36	75880	77030	92180	93580	1.10	8.0	13.8	
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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

