

M/S MECCANO Developers
75-CCA PHASE 6-DHA Lahore

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

Client Reference: nil

SOM Lab

Ref: 3179(Page-1/1)

Dated: 28-10-2020

Dated: 28-10-2020

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	2.639	8	0.994	0.79	0.776	24.54	32.59	68500	69740	90980	92620	1.20	8.0	15.0	
2	2.625	8	0.991	0.79	0.771	24.59	32.79	68640	70330	91550	93810	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

Project Manager
Nazir & Sons Trust Building Construction Project, Lahore

Test Performed By: Dr. /Engr. Nauman Khurram

Client Reference: NST/MT/UET/002

SOM Lab

Ref: 3180(Page-1/1)

Dated: 28-10-2020

Dated: 28-10-2020

Test: Tension Test

Test Specification: ASTM-A-615

Gauge Length: 8 inch

Sample Type: Deformed Bar(Kamran & Koh-e-Noor)

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	1.482	6	0.745	0.44	0.436	12.95	19.39	64890	65490	97180	98080	1.40	8.0	17.5	Kamran
2	1.481	6	0.744	0.44	0.435	13.30	18.67	66680	67450	93610	94680	1.50	8.0	18.8	Kamran
3	0.657	4	0.496	0.20	0.193	5.78	8.51	63740	66050	93860	97270	1.10	8.0	13.8	Koh-e-Noor
4	0.657	4	0.496	0.20	0.193	5.12	7.44	56430	58480	82060	85040	1.30	8.0	16.3	Koh-e-Noor
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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

Project Manager
Nazir & Sons Trust Building Construction Project, Lahore

Test Performed By: Dr. /Engr. Nauman Khurram

Client Reference: NST/MT/UET/002

SOM Lab

Ref: 3181(Page-1/1)

Dated: 28-10-2020

Dated: 28-10-2020

Test: Tension Test

Test Specification:

ASTM-A-615

Gauge Length: 8 inch

Sample Type:

Deformed Bar(Koh-e-Noor Mill)

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	0.666	4	0.500	0.20	0.196	6.09	8.77	67110	68480	96670	98650	1.30	8.0	16.3	
2	0.676	4	0.503	0.20	0.199	6.24	9.19	68800	69140	101390	101900	1.20	8.0	15.0	
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Witnessed By: Noman Zafar

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

Resident Engineer,
Meinhardt, PEC Building Project - Lahore

Test Performed By: Dr. /Engr.

S. Asad Ali
Gillani

Client Reference: MPPL/Proj PEL/LHR/RE/015

SOM Lab

Ref: 3182(Page-1/1)

Dated: 28-10-2020

Dated: 28-10-2020

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	2.644	8	0.995	0.79	0.777	30.53	37.18	85230	86660	103790	105520	1.00	8.0	12.5	
2	1.515	6	0.753	0.44	0.445	16.51	20.10	82780	81850	100760	99630	1.40	8.0	17.5	
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BEND TEST:

# 8	Sample bend through 180 degrees Satisfactorily without any crack	Note:- Only Four 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

Brigadier Muhammad Akhtar
(Retd.)

Project Director, New Metro City, Kharian Sarai Alamgir

Test Performed By:

Dr. /Engr.

S. Asad Ali
Gillani

Client Reference: PD/NMC/20/111

Dated: 26-10-2020

Test: Tension Test & Bend Test

Gauge Length: 8 inch

SOM Lab

Ref: 3183(Page-1/1)

Dated: 27-10-2020

Test Specification: ASTM-A-615

Sample Type: Deformed Bar (AASSCL 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	2.582	8	0.983	0.79	0.759	28.15	36.11	78600	81810	100800	104920	1.30	8.0	16.3	
2	1.518	6	0.754	0.44	0.446	18.55	22.24	92990	91740	111490	109990	1.40	8.0	17.5	
3	0.652	4	0.494	0.20	0.192	6.24	7.90	68800	71660	87120	90750	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

Sub Divisional Officer
Maintenance; Sub Division No. 2, GOR-III, Lahore

Test Performed By: Dr. /Engr.

S. Asad Ali
Gillani

Client Reference: 134/SD/GOR-II, LHR

Dated: 26-09-2020

SOM Lab

Ref: 3184(Page-1/1)

Dated: 28-10-2020

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	2.594	8	0.985	0.79	0.762	27.17	36.72	75840	78630	102510	106270	1.50	8.0	18.8	
2	1.470	6	0.742	0.44	0.432	12.81	19.11	64230	65420	95800	97580	1.50	8.0	18.8	
3	0.667	4	0.500	0.20	0.196	6.09	8.43	67110	68480	92960	94860	1.50	8.0	18.8	
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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

Maj Adnan khalid®

Test Performed By:

Dr. /Engr.

S. Asad Ali
Gillani

Dy Dir MTL, Infra Dev Works - Const of Addl Lab. Room, B-Block, DHA Ph - 9- Town - (M/S TCEW)

SOM Lab

Client Reference: 408/241/E/Lab/1024/06

Ref: 3185(Page-1/1)

Dated: 28-10-2020

Dated: 28-10-2020

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	1.505	6	0.750	0.44	0.442	15.46	21.38	77510	77160	107150	106660	1.10	8.0	13.8	
2	1.486	6	0.746	0.44	0.437	14.55	20.56	72910	73420	103060	103770	1.00	8.0	12.5	
3	0.675	4	0.502	0.20	0.198	6.37	9.09	70260	70970	100270	101280	1.20	8.0	15.0	
4	0.660	4	0.497	0.20	0.194	6.07	8.82	66890	68950	97230	100240	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