STRUCTURAL ENGINEERING DIVISION

Test Floor Laboratory
Department of Civil Engineering
University of Engineering and Technology Lahore, 54890
Pakistan. Ph: 92-42-99029202

To,
Construction Manager
Minky & Associates (Pvt) Limited
34 – S, Gulberg II, Lahore

Reference # CED/TFL **37688** (Dr. Ali Ahmed) Dated: 11-01-2022
Reference of the request letter # MA/UET/34/2211 Dated: 11-01-2022

Tension Test Report (Page -1/1)

Date of Test 12-01-2022
Gauge length 8 inches
Description Deformed Steel Bar Tensile and Bend Test as per ASTM-A615

Sr. No.	Weight	Diameter/ Size (inch)		Area (in^2)		Yield load	Breaking Load	Yield Stress (psi)		Ultimate Stress (psi)		Elongation	% Elongation	Remarks
	(lbs/ft)	Nominal	Actual	Nominal	Actual	(kg)	(kg)	Nominal	Actual	Nominal	Actual	(inch)		
1	0.361	3/8	0.368	0.11	0.106	3400	4600	68200	70600	92200	95600	1.30	16.3	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Note: only one sample for tensile and one sample for bend test														
Bend Test														
3/8" Dia Bar Bend Test Through 180º is Satisfactory														

I/C Testing Laboratoires
UET Lahore, Pakistan.

Note:
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3- Sealed sample / Unsealed sample / Marked sample/Signed Samples

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To,
Assistant Engineer
B&R Actg GE (Navy) Lahore
(CA No. CEN-168/2021 – Construction of Office Block (Phase-I G+1 Only)
(For Support and Maintenance at Lahore with Foundation G+3)

Reference # CED/TFL **37689** (Dr. Ali Ahmed) Dated: 11-01-2022
Reference of the request letter # 6023/926/68/E-6 Dated: 29-12-2021

Tension Test Report (Page -1/1)

Date of Test 12-01-2022
Gauge length 8 inches
Description Deformed Steel Bar Tensile and Bend Test as per ASTM-A615

Sr. No.	Weight	Diameter/ Size (inch)		Area (in^2)		Yield load	Breaking Load	Yield Stress (psi)		Ultimate Stress (psi)		Elongation	% Elongation	Remarks
	(lbs/ft)	Nominal	Actual	Nominal	Actual	(kg)	(kg)	Nominal	Actual	Nominal	Actual	(inch)		
1	0.371	3/8	0.372	0.11	0.109	3500	5400	70200	70820	108200	109300	1.30	16.3	
2	0.365	3/8	0.369	0.11	0.107	3700	5400	74200	76100	108200	111100	1.00	12.5	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Note: only two samples for tensile and one sample for bend test														
Bend Test														
3/8" Dia Bar Bend Test Through 180º is Satisfactory														

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Pakistan. Ph: 92-42-99029202

To,
Sub Divisional Officer
The Punjab Employees Scial Security Institution
Construction of Oncology Blockat SSH at Taunsa

Reference # CED/TFL **37690** (Dr. Ali Ahmed) Dated: 11-01-2022
Reference of the request letter # SS.DC( )/381 Dated: 04-01-2022

Tension Test Report (Page -1/1)

Date of Test 12-01-2022
Gauge length 8 inches
Description Deformed Steel Bar Tensile and Bend Test as per ASTM-A615

Sr. No.	Weight	Diameter/ Size (inch)		Area (in^2)		Yield load	Breaking Load	Yield Stress (psi)		Ultimate Stress (psi)		Elongation	% Elongation	Remarks
	(lbs/ft)	Nominal	Actual	Nominal	Actual	(kg)	(kg)	Nominal	Actual	Nominal	Actual	(inch)		
1	0.383	3/8	0.379	0.11	0.113	4100	5000	82200	80220	100200	97900	1.00	12.5	
2	0.384	3/8	0.379	0.11	0.113	4000	5000	80200	78110	100200	97700	1.20	15.0	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Note: only two samples for tensile and one sample for bend test														
Bend Test														
3/8" Dia Bar Bend Test Through 180º is Satisfactory														

I/C Testing Laboratoires
UET Lahore, Pakistan.

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To,
M/S Defence Housing Authority.
Lahore Cantt
(Const of 18 Green Apaertment Complex DRGCC DHA Phase-VI) – (M/s Construct)

Reference # CED/TFL **37691** (Dr. Ali Ahmed) Dated: 11-01-2022
Reference of the request letter # 408/241/E/Lab/11/166 Dated: 10-01-2022

Tension Test Report (Page -1/1)

Date of Test 12-01-2022
Gauge length 8 inches
Description Deformed Steel Bar Tensile and Bend Test as per ASTM-A615

Sr. No.	Weight	Diameter/ size		Area (in^2)		Yield load	Breaking Load	Yield Stress (psi)		Ultimate Stress (psi)		Elongation	% Elongation	Remarks
	(lbs/ft)	Nominal (#)	Actual (inch)	Nominal	Actual	(kg)	(kg)	Nominal	Actual	Nominal	Actual	(inch)		
1	0.381	3	0.377	0.11	0.112	3500	5000	70200	68930	100200	98500	1.40	17.5	Kamran Steel
2	0.366	3	0.370	0.11	0.108	3300	4700	66200	67550	94200	96300	1.50	18.8	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Note: only two samples for tensile and one sample for bend test														
Bend Test														
#3 Bar Bend Test Through 180º is Satisfactory														

I/C Testing Laboratoires
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To,
Manager Projects
Projex
Engro Enfrashare
Site ID:- EC1-LHR-05434, EC1-LHR05436, EC1-GUT-05445, EC2-SKO-05448

Reference # CED/TFL **37696** (Dr. Waseem Abbass) Dated: 12-01-2022
Reference of the request letter # PCP/Eng-01-A Dated: 01-01-2022

Tension Test Report (Page -1/1)

Date of Test 12-01-2022
Gauge length 8 inches
Description Deformed Steel Bar Tensile Test as per ASTM-A615

Sr. No.	Weight	Diameter/ Size (mm)		Area (in^2)		Yield load	Breaking Load	Yield Stress (psi)		Ultimate Stress (psi)		Elongation	% Elongation	Remarks
	(lbs/ft)	Nominal	Actual	Nominal	Actual	(kg)	(kg)	Nominal	Actual	Nominal	Actual	(inch)		
1	0.364	10	9.37	0.12	0.107	4200	5500	77161	86590	101044	113400	0.90	11.3	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Note: only one sample for tensile test														
Bend Test														

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