



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

To,
M/S M. Saleem Construction Company
Sheikhupura
(Extension Weaving Unit.)

Reference # CED/TFL **36508** (Dr. Rashid Hameed)
Reference of the request letter # Nil

Dated: 03-06-2021
Dated: 03-06-2021

Tension Test Report (Page -1/1)

Date of Test 04-06-2021
Gauge length 8 inches
Description Deformed Steel Bar Tensile and Bend Test as per ASTM-A615

Sr. No.	Weight (lbs/ft)	Diameter/ Size (inch)		Area (in ²)		Yield load (kg)	Breaking Load (kg)	Yield Stress (psi)		Ultimate Stress (psi)		Elongation (inch)	% Elongation	Remarks
		Nominal	Actual	Nominal	Actual			Nominal	Actual	Nominal	Actual			
1	0.376	3/8	0.375	0.11	0.111	3830	4690	76800	76390	94000	93600	0.90	11.3	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Note: only one sample for tensile and one sample for bend test														
Bend Test														
3/8" Dia Bar Bend Test Through 180° is Satisfactory														

I/C Testing Laboratories
UET Lahore, Pakistan.

Note:

- 1- You can See your reports On Internet in the following web site
http://www.uet.edu.pk/faculties/facultiesinfo/civil/index.html?RID=testing_reports
- 2- The above results pertain to sample /samples supplied to this laboratory.
- 3- Sealed sample / Unsealed sample / Marked sample/Signed Samples



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To,
CE/Engineer's Representative
NESPAK
Infrastructure Development of Federal Govt Employees Housing Scheme, Green Enclase 1,
Barahkahu Islamabad

Reference # CED/TFL **36486** (Dr. Safer Abbass)
Reference of the request letter # 3690/321/104/OU/11(a)/46

Dated: 01-06-2021
Dated: 31-05-2021

Tension Test Report (Page – 2/2)

Date of Test 01-06-2021
Gauge length 640 mm
Description Steel Strand Tensile Test as per ASTM A-416-94a

Sr. No.	Nominal Diameter	Nominal Weight	Measured weight	Yield strength clause (6.3)		Breaking strength clause (6.2)		% Elongation	Remarks
	(mm)	(kg/km)	(kg/km)	(kg)	(kN)	(kg)	(kN)		
1	12.70 (1/2")	775.0	797.0	18700	183.45	20000	196.20	>3.50	xx
2	12.70 (1/2")	775.0	794.0	18700	183.45	20000	196.20	>3.50	xx
3	12.70 (1/2")	775.0	798.0	17300	169.71	19700	193.26	>3.50	xx
-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-

Only three samples for Test

I/C Testing Laboratoires
UET Lahore, Pakistan.

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To,
M/S Metro Steel Wire Ind. Pvt. Ltd.
Muridke

Reference # CED/TFL **36511** (Dr. Ali Ahmed)
Reference of the request letter # Nil

Dated: 04-06-2021

Dated: 03-06-2021

Tension Test Report (Page – 1/1)

Date of Test 04-06-2021

Gauge length 640 mm

Description Steel Strand Tensile Test as per ASTM A-416-94a

Sr. No.	Nominal Diameter	Nominal Weight	Measured weight	Yield strength clause (6.3)		Breaking strength clause (6.2)		% Elongation	Remarks / Coil No.
	(mm)	(kg/km)	(kg/km)	(kg)	(kN)	(kg)	(kN)		
1	9.53 (3/8")	432.0	450	10000	98.10	10400	102.02	<3.50 Not ok	xx
-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-

Only one sample for Test

I/C Testing Laboratoires
UET Lahore, Pakistan.

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To,
 Sr. Project Manager
 Izhar Construction (Pvt) Ltd
 Construction of Nestle Head Office

Reference # CED/TFL 36512 (Dr. Asad Ali)
 Reference of the request letter # ICPL/NHO/LAB/02

Dated: 04-06-2021
 Dated: 04-06-2021

Tension Test Report (Page -1/1)

Date of Test 04-06-2021
 Gauge length 8 inches
 Description Deformed Steel Bar Tensile and Bend Test as per ASTM-A615

Sr. No.	Weight (lbs/ft)	Diameter/ Size (mm)		Area (in ²)		Yield load (kg)	Breaking Load (kg)	Yield Stress (psi)		Ultimate Stress (psi)		Elongation (inch)	% Elongation	Remarks
		Nominal	Actual	Nominal	Actual			Nominal	Actual	Nominal	Actual			
1	0.416	10	10.02	0.12	0.122	4030	5150	74038	72630	94614	92900	1.10	13.8	Mughal Steel
2	0.416	10	10.02	0.12	0.122	4030	5200	74038	72630	95533	93800	1.20	15.0	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Note: only two samples for tensile and one sample for bend test														
Bend Test														
10mm Dia Bar Bend Test Through 180° is Satisfactory														

I/C Testing Laboratoires
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