



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

To,
 Resident Engineer
 RENARDET S.A ((M-4), Package-II)
 Construction of Faisalabad-Khanewal Motorway (M-4) Project, Package-II, Jamani-Shortkot
 Section 2B

Reference # CED/TFL **32607** (Dr. Umbreen us Saher)
 Reference of the request letter # RE/M-4/2B/2019/534

Dated: 11-02-2019
 Dated: 06-02-2019

Tension Test Report (Page – 1/3)

Date of Test 15-02-2019
 Gauge length 2 inches
 Description W-Section Steel Strip Tensile and Bend Test

Sr. No.	Designation	Size of Strip	X Section Area	Yield load	Breaking Load	Yield Stress	Ultimate Stress	Elongation	% Elongation	Remarks
1	W-Section	1.80x0.275	0.50	1900	2500	3838.38	5050.51	0.60	30.00	
2		1.80x0.275	0.50	2000	2500	4040.40	5050.51	0.50	25.00	
-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	
Only Two Samples for Tensile and Two Samples for Bend Test										
Bend Test										
Strip Taken from W-Section Bend Test Through 180° is Satisfactory										
Strip Taken from W-Section Bend Test Through 180° is Satisfactory										

I/C Testing Laboratoires
UET Lahore, Pakistan.

Note:

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To,
 Resident Engineer
 RENARDET S.A ((M-4), Package-II)
 Construction of Faisalabad-Khanewal Motorway (M-4) Project, Package-II, Jamani-Shortkot
 Section 2B

Reference # CED/TFL **32607** (Dr. Umbreen us Saher)
 Reference of the request letter # RE/M-4/2B/2019/536

Dated: 11-02-2019
 Dated: 06-02-2019

Tension Test Report (Page – 2/3)

Date of Test 15-02-2019
 Gauge length 2 inches
 Description W-Section Steel Strip Tensile and Bend Test

Sr. No.	Designation	Size of Strip	X Section Area	Yield load	Breaking Load	Yield Stress	Ultimate Stress	Elongation	% Elongation	Remarks
1	W-Section	1.80x0.275	0.50	2000	2500	4040.40	5050.51	0.60	30.00	
2		1.80x0.275	0.50	1900	2500	3838.38	5050.51	0.60	30.00	
-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	
Only Two Samples for Tensile and Two Samples for Bend Test										
Bend Test										
Strip Taken from W-Section Bend Test Through 180° is Satisfactory										
Strip Taken from W-Section Bend Test Through 180° is Satisfactory										

I/C Testing Laboratoires
UET Lahore, Pakistan.

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To,
RENARDET S.A ((M-4), Package-II)
Construction of Faisalabad-Khanewal Motorway (M-4) Project, Package-II, Jamani-Shortkot
Section 2B

Reference # CED/TFL **32607** (Dr. Umbreen us Saher)
Reference of the request letter # RE/M-4/2B/2019/535

Dated: 11-02-2019
Dated: 06-02-2019

Tension Test Report (Page – 3/3)

Date of Test 15-02-2019
Gauge length -----
Description Chain Link Fence Wire Tensile Test as per AASHTO-M-181

Sr. No.	Diameter of Wire	Breaking Load		Remarks
	(mm)	(kg)	(kN)	
1	3.15	500	4.91	
-	-	-	-	
-	-	-	-	
-	-	-	-	
-	-	-	-	
-	-	-	-	
-	-	-	-	
Only One Sample for Test				

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Department of Civil Engineering
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Pakistan. Ph: 92-42-99029202

To,
 Resident Engineer
 RENARDET S.A ((M-4), Package-III A)
 Construction Supervision of Four Lane Motorway From Faisalabad to Khanewal Project (M-4)
 184 km, Package-3A, Shorkot-Dinpur Section 31 km (M/s D & L International.)
 Reference # CED/TFL **32608** (Dr. Umbreen us Saher) Dated: 11-02-2019
 Reference of the request letter # RE/M-4/3A/2019/292 Dated: 02-02-2019

Tension Test Report (Page – 1/2)

Date of Test 15-02-2019
 Gauge length 2 inches
 Description Vertical Post Strip Tensile Test

Sr. No.	Designation	Size of Strip	X Section Area	Yield load	Breaking Load	Yield Stress	Ultimate Stress	Elongation	% Elongation	Remarks
1	Vertical Post	2.10x0.60	1.26	4500	6200	3571.43	4920.63	0.70	35.00	S-1
2	Vertical Post	2.10x0.60	1.26	4600	6300	3650.79	5000.00	0.70	35.00	
3	Vertical Post	2.10x0.61	1.28	4600	6400	3590.94	4996.10	0.80	40.00	S-2
4	Vertical Post	2.12x0.61	1.29	5200	6700	4021.03	5180.95	0.80	40.00	
5	Vertical Post	2.12x0.61	1.29	5100	6600	3943.71	5103.62	0.70	35.00	S-3
6	Vertical Post	2.12x0.61	1.29	5300	6700	4098.36	5180.95	0.70	35.00	
7	Vertical Post	2.12x0.61	1.29	4700	6400	3634.40	4948.96	0.70	35.00	S-4
8	Vertical Post	2.10x0.60	1.26	4500	6200	3571.43	4920.63	0.70	35.00	
9	Vertical Post	2.10x0.60	1.26	4500	6200	3571.43	4920.63	0.80	40.00	S-5
10	Vertical Post	2.10x0.60	1.26	4500	6700	3571.43	5317.46	0.80	40.00	
Only Ten Samples for Tensile Test										
Bend Test										

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Department of Civil Engineering
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To,
Resident Engineer
RENARDET S.A ((M-4), Package-III A)
Construction Supervision of Four Lane Motorway From Faisalabad to Khanewal Project (M-4)
184 km, Package-3A, Shorkot-Dinpur Section 31 km (M/s D & L International.)

Reference # CED/TFL **32608** (Dr. Umbreen us Saher)
Reference of the request letter # RE/M-4/3A/2019/292

Dated: 11-02-2019
Dated: 02-02-2019

Weight & Size Test Report (Page – 2/2)

Date of Test 15-02-2019
Gauge length -----
Description Vertical Post Weight and Size Test

Sr. No.	Designation	Weight	Length	Weight per Unit Length	Thickness	Remark
		(g)	(cm)	(kg/m)	(mm)	
1	Vertical Post	13452	100.20	13.43	6.10	S-1
2	Vertical Post	13460	99.90	13.47	6.20	S-2
3	Vertical Post	13456	99.50	13.52	6.10	S-3
4	Vertical Post	13450	99.20	13.56	6.15	S-4
5	Vertical Post	13451	99.50	13.52	6.10	S-5
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
Only Five Samples for Test						

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Test Floor Laboratory
Department of Civil Engineering
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To,
 Resident Engineer
 RENARDET S.A ((M-4), Package-III A)
 Construction Supervision of Four Lane Motorway From Faisalabad to Khanewal Project (M-4)
 184 km, Package-3A, Shorkot-Dinpur Section 31 km (M/s D & L International.)

Reference # CED/TFL **32611** (Dr. Umbreen us Saher)
 Reference of the request letter # RE/M-4/3A/2019/275

Dated: 11-02-2019
 Dated: 19-01-2019

Tension Test Report (Page – 1/2)

Date of Test 15-02-2019
 Gauge length 2 inches
 Description Vertical Post Strip Tensile Test

Sr. No.	Designation	Size of Strip	X Section Area	Yield load	Breaking Load	Yield Stress	Ultimate Stress	Elongation	% Elongation	Remarks
	-----	(cm)	(cm ²)	(kg)	(kg)	(kg/cm ²)	(kg/cm ²)	(in)		
1	Vertical Post	2.12x0.61	1.29	5200	6700	4021.03	5180.95	0.70	35.00	S-1
2	Vertical Post	2.10x0.61	1.28	5100	6600	3981.26	5152.22	0.70	35.00	
3	Vertical Post	2.12x0.61	1.29	5100	6700	3943.71	5180.95	0.70	35.00	S-2
4	Vertical Post	2.12x0.61	1.29	5200	6700	4021.03	5180.95	0.70	35.00	
-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	
Only Four Samples for Tensile Test										
Bend Test										

I/C Testing Laboratories
UET Lahore, Pakistan.

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Test Floor Laboratory
Department of Civil Engineering
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To,
Resident Engineer
RENARDET S.A ((M-4), Package-III A)
Construction Supervision of Four Lane Motorway From Faisalabad to Khanewal Project (M-4)
184 km, Package-3A, Shorkot-Dinpur Section 31 km (M/s D & L International.)

Reference # CED/TFL **32611** (Dr. Umbreen us Saher)
Reference of the request letter # RE/M-4/3A/2019/275

Dated: 11-02-2019
Dated: 19-01-2019

Weight & Size Test Report (Page – 2/2)

Date of Test 15-02-2019
Gauge length -----
Description Vertical Post Weight and Size Test

Sr. No.	Designation	Weight	Length	Weight per Unit Length	Thickness	Remark
		(g)	(cm)	(kg/m)	(mm)	
1	Vertical Post	13800	99.20	13.91	6.10	S-1
2	Vertical Post	13605	100.20	13.58	6.15	S-2
-	-	-	-	-	-	
-	-	-	-	-	-	
-	-	-	-	-	-	
-	-	-	-	-	-	
-	-	-	-	-	-	
-	-	-	-	-	-	
Only Two Samples for Test						

I/C Testing Laboratoires
UET Lahore, Pakistan.

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

To,
 Chief Resident Engineer
 Zeeruk International (Pvt) Ltd
 Lahore Sialkot Motorway

Reference # CED/TFL **32616** (Dr. Umbreen)
 Reference of the request letter # LSM/Zeeruk/CRE/2019/656

Dated: 12-02-2019
 Dated: 25-01-2019

Tension Test Report (Page – 1/1)

Date of Test 15-02-2019
 Gauge length 2 inches
 Description Elastomeric Bearing Pad Steel Plate Steel Strip Tensile Test

Sr. No.	Designation	Size of Strip	X Section Area	Yield load	Breaking Load	Yield Stress	Ultimate Stress	Elongation	% Elongation	Remarks
	-----	(mm)	(mm ²)	(kg)	(kg)	(MPa)	(MPa)	(in)		
1	Steel Plate	24.00x3.00	72.00	2800	3700	381.50	504.13	0.60	30.00	
2	Steel Plate	24.00x3.00	72.00	2600	3600	354.25	490.50	0.60	30.00	
-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	
Only Two Samples for Tensile Test										
Bend Test										

I/C Testing Laboratoires
UET Lahore, Pakistan.

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

To,
 Project Manager
 Ikan Engineering Services Private Limited
 Raftar Project – Unilever Pakistan Foods Ltd. Phoolnagar

Reference # CED/TFL **32630** (Dr. Usman Akmal)
 Reference of the request letter # IKAN/Uni/08

Dated: 14-02-2019
 Dated: 14-02-2019

Tension Test Report (Page -1/1)

Date of Test 15-02-2019
 Gauge length 8 inches
 Description Deformed Steel Bar Tensile and Bend Test as per ASTM-A615

Sr. No.	Weight (lbs/ft)	Diameter/ Size		Area (in ²)		Yield load (kg)	Breaking Load (kg)	Yield Stress (psi)		Ultimate Stress (psi)		Elongation (inch)	% Elongation	Remarks
		Nominal (#)	Actual (inch)	Nominal	Actual			Nominal	Actual	Nominal	Actual			
1	0.366	3	0.370	0.11	0.108	3600	4800	72200	73740	96200	98400	1.10	13.8	
2	0.367	3	0.370	0.11	0.108	3600	4800	72200	73650	96200	98200	1.00	12.5	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Note: only two samples for tensile and one sample for bend test														
Bend Test														
#3 Bar Bend Test Through 180° is Satisfactory														

I/C Testing Laboratoires
UET Lahore, Pakistan.

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STRUCTURAL ENGINEERING DIVISION
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To,
 Project Manager
 Izhar Construction (Pvt) Ltd
 Construction of (Ecolean Pakistan Pvt. Ltd Sundar Estate) Lahore

Reference # CED/TFL **32631** (Dr. Usman Akmal)
 Reference of the request letter # ICPL/EC/035

Dated: 14-02-2019
 Dated: 08-02-2019

Tension Test Report (Page -1/1)

Date of Test 15-02-2019
 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	0.366	3/8	0.370	0.11	0.107	3600	5000	72200	73840	100200	102600	0.90	11.3	
2	0.368	3/8	0.371	0.11	0.108	3900	5100	78200	79510	102200	104000	0.90	11.3	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Note: only two samples for tensile and one sample for bend test														
Bend Test														
3/8" Dia Bar Bend Test Through 180° is Satisfactory														

I/C Testing Laboratoires
UET Lahore, Pakistan.

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To,
M/S Defence Housing Authority.
Lahore Cantt
(Construction of 1-Kanal Villas at DGRCC Club House DHA Ph-6)(M/s Linker Developers)

Reference # CED/TFL **32632** (Dr. Usman Akmal)
Reference of the request letter # 408/241/E/Lab/450/48

Dated: 14-02-2019
Dated: 13-02-2019

Tension Test Report (Page -1/1)

Date of Test 15-02-2019
Gauge length 8 inches
Description Deformed Steel Bar Tensile and Bend Test as per ASTM-A615

Sr. No.	Weight (lbs/ft)	Diameter/ size		Area (in ²)		Yield load (kg)	Breaking Load (kg)	Yield Stress (psi)		Ultimate Stress (psi)		Elongation (inch)	% Elongation	Remarks
		Nominal (#)	Actual (inch)	Nominal	Actual			Nominal	Actual	Nominal	Actual			
1	0.369	3	0.372	0.11	0.109	3300	5200	66200	66990	104200	105600	1.10	13.8	Ittefaq Steel
2	0.369	3	0.372	0.11	0.108	3300	5200	66200	67060	104200	105700	0.90	11.3	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Note: only two samples for tensile and one sample for bend test														
Bend Test														
#3 Bar Bend Test Through 180° is Satisfactory														

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To,
 Resident Engineer
 NESPAK
 Renovation & Up-Gradation of Lahore Railway Station

Reference # CED/TFL **32633** (Dr. Usman Akmal)
 Reference of the request letter # 3817/31/07/SNH/041

Dated: 14-02-2019
 Dated: 13-02-2019

Tension Test Report (Page -1/1)

Date of Test 15-02-2019
 Gauge length 8 inches
 Description Deformed Steel Bar Tensile and Bend Test as per ASTM-A615

Sr. No.	Weight (lbs/ft)	Diameter/ Size		Area (in ²)		Yield load (kg)	Breaking Load (kg)	Yield Stress (psi)		Ultimate Stress (psi)		Elongation (inch)	% Elongation	Remarks
		Nominal (#)	Actual (inch)	Nominal	Actual			Nominal	Actual	Nominal	Actual			
1	0.377	3	0.376	0.11	0.111	3700	4900	74200	73540	98200	97400	1.10	13.8	
2	0.371	3	0.372	0.11	0.109	3800	4900	76200	76890	98200	99200	1.10	13.8	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Note: only two samples for tensile and one sample for bend test														
Bend Test														
#3 Bar Bend Test Through 180° is Satisfactory														

I/C Testing Laboratoires
UET Lahore, Pakistan.

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To,
M/S Shahzad & Co
Sheikhupura
(Stara Chemical Industries, Faisalabad (Hostel Project))

Reference # CED/TFL **32634** (Dr. Usman Akmal)
Reference of the request letter # Nil

Dated: 14-02-2019
Dated: 14-02-2019

Tension Test Report (Page -1/1)

Date of Test 15-02-2019
Gauge length 8 inches
Description Deformed Steel Bar Tensile and Bend Test as per ASTM-A615

Sr. No.	Weight (lbs/ft)	Diameter/ Size		Area (in ²)		Yield load (kg)	Breaking Load (kg)	Yield Stress (psi)		Ultimate Stress (psi)		Elongation (inch)	% Elongation	Remarks
		Nominal (#)	Actual (inch)	Nominal	Actual			Nominal	Actual	Nominal	Actual			
1	0.372	3	0.373	0.11	0.109	3700	4800	74200	74620	96200	96800	0.90	11.3	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Note: only one sample for tensile and one sample for bend test														
Bend Test														
#3 Bar Bend Test Through 180° is Satisfactory														

I/C Testing Laboratoires
UET Lahore, Pakistan.

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

To,
 Estate Engineer
 Sundar Industrial Estate
 Raiwind Road, Lahore

Reference # CED/TFL **32636** (Dr. Usman Akmal)
 Reference of the request letter # BOM/SIE/BCD/3920

Dated: 14-02-2019
 Dated: 13-02-2019

Tension Test Report (Page -1/1)

Date of Test 15-02-2019
 Gauge length 8 inches
 Description Deformed Steel Bar Tensile 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	0.348	3/8	0.361	0.11	0.102	2300	3500	46100	49530	70200	75400	1.40	17.5	
2	0.351	3/8	0.362	0.11	0.103	2300	3500	46100	49180	70200	74900	1.40	17.5	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Note: only two samples for tensile test														
Bend Test														

I/C Testing Laboratoires
UET Lahore, Pakistan.

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

To,
Material Engineer
NESPAK – CEC Jv
(Lahore Orange Line Metro Train Project (Package-2))

Reference # CED/TFL **32637** (Dr. Umbreen)
Reference of the request letter # 3765/PK-2/S-2/PMS/583

Dated: 14-02-2019
Dated: 21-01-2019

Tension Test Report (Page – 1/1)

Date of Test 15-02-2019
Gauge length 2 inches
Description GI Pipe Steel Plate Steel Strip Tensile Test

Sr. No.	Designation	Size of Strip	X Section Area	Yield load	Breaking Load	Yield Stress	Ultimate Stress	Elongation	% Elongation	Remarks
	(inch)	(mm)	(mm ²)	(kg)	(kg)	(MPa)	(MPa)	(in)		
1	6	20.00x1.60	32.00	1160	1400	355.61	429.19	0.70	35.00	
2	6	20.00x1.60	32.00	1160	1400	355.61	429.19	0.80	40.00	
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-	-	-	-	-	-	-	-	-	-	
Only Two Samples for Tensile Test										
Bend Test										

I/C Testing Laboratories
UET Lahore, Pakistan.

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

To,
 Chief Resident Engineer – II & III
 Zeeruk International (Pvt) Ltd
 Lahore Sialkot Motorway

Reference # CED/TFL **32638** (Dr. Umbreen)
 Reference of the request letter # LSM/RE-II/St/19/023

Dated: 14-02-2019
 Dated: 07-02-2019

Tension Test Report (Page – 1/1)

Date of Test 15-02-2019
 Gauge length 2 inches
 Description Elastomeric Bearing Pad Steel Plate Steel Strip Tensile Test

Sr. No.	Designation	Size of Strip	X Section Area	Yield load	Breaking Load	Yield Stress	Ultimate Stress	Elongation	% Elongation	Remarks
	-----	(mm)	(mm ²)	(kg)	(kg)	(MPa)	(MPa)	(in)		
1	Steel Plate	24.00x3.00	72.00	2500	3700	340.63	504.13	0.60	30.00	
2	Steel Plate	24.00x3.00	72.00	2400	3600	327.00	490.50	0.70	35.00	
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-	-	-	-	-	-	-	-	-	-	
Only Two Samples for Tensile Test										
Bend Test										

I/C Testing Laboratoires
UET Lahore, Pakistan.

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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 Sui Northern Gas Pipelines Limited
Lahore
(Construction of Distribution Sub-Regional Office at Mirpur)

Reference # CED/TFL **32640** (Dr. Usman Akmal)
Reference of the request letter # CC/58/Mirpur

Dated: 15-02-2019
Dated: 15-02-2019

Tension Test Report (Page -1/1)

Date of Test 15-02-2019
Gauge length 8 inches
Description Deformed Steel Bar Tensile 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	0.375	3/8	0.375	0.11	0.110	3900	4800	78200	77960	96200	96000	0.90	11.3	
2	0.375	3/8	0.375	0.11	0.110	3800	4850	76200	76010	97200	97100	1.20	15.0	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Note: only two samples for tensile test														
Bend Test														

I/C Testing Laboratoires
UET Lahore, Pakistan.

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