



**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  
 Dupak Properties (Pvt) Ltd  
 Defence view Apartments at Shanghai Road, Lahore

Reference # CED/TFL **35602** (Dr. M Rizwan Riaz)  
 Reference of the request letter # Dupak/DVA/053

Dated: 09-11-2020  
 Dated: 09-11-2020

**Tension Test Report** (Page – 1/3)

Date of Test 13-11-2020  
 Gauge length 2 inches  
 Description Seamless Pipe 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
	(inch)										
1	Pipe	4	25.80x5.10	131.58	5400	7100	402.60	529.34	0.40	20.00	
2			25.80x5.10	131.58	5700	7000	424.97	521.89	0.40	20.00	
-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	
<b>Only Two Samples for Tensile and One Sample For Bend Test</b>											
<b>Bend Test</b>											
Strip Taken from Seamless Pipe (4") Bend Test Through 180° is Satisfactory											

**I/C Testing Laboratoires**  
**UET Lahore, Pakistan.**

Note:

- 1- You can See your reports On Internet in the following web site  
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- 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,  
Project Manager  
Dupak Properaties (Pvt) Ltd  
Defence view Apartments at Shanghai Road, Lahore

Reference # CED/TFL **35602** (Dr. M Rizwan Riaz)  
Reference of the request letter # Dupak/DVA/053

Dated: 09-11-2020  
Dated: 09-11-2020

**Seamless/Flattening Test Report** (Page – 2/3)

Date of Test 13-11-2020  
Description Seamless Pipe Seamless Test as per ASTM-A53-02

Sr. No.	Designation	Test Type	Observation/Results
1	Pipe 4"	Ductility	No crack was observed
		Soundness	No evidence of lamination noticed
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
<b>Only One Sample for Test</b>			

**I/C Testing Laboratoires**  
**UET Lahore, Pakistan.**

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To,  
Project Manager  
Dupak Properties (Pvt) Ltd  
Defence view Apartments at Shanghai Road, Lahore

Reference # CED/TFL **35602** (Dr. M Rizwan Riaz)  
Reference of the request letter # Dupak/DVA/053

Dated: 09-11-2020  
Dated: 09-11-2020

**Weight & Size Test Report** (Page – 3/3)

Date of Test 30-06-2020  
Description Seamless Pipe Weight and Size Test

Sr. No.	Designation	Weight	Length	Weight per Unit Length	External Diameter	Internal Diameter	Wall Thickness	Remark
	(inch)	(g)	(mm)	(kg/m)	(mm)	(mm)	(mm)	
1	4	872	59.80	14.58	114.30	104.10	5.10	
-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	
<b>Only One Sample for Test</b>								

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**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,  
 Manager Construction Projects  
 Allied Bank  
 Construction of ABL Building, 3-Babar Block, New Garden Town, Lahore

Reference # CED/TFL **35617** (Dr. M Rizwan Riaz) Dated: 12-11-2020  
 Reference of the request letter # HOL/ENGG. C.P./SM/2020/18 Dated: 12-11-2020

**Tension Test Report** (Page -1/1)

Date of Test 13-11-2020  
 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 <sup>2</sup> )		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	0.373	3	0.374	0.11	0.110	4100	5000	82200	82380	100200	100500	0.90	11.3	Amreli Steel
2	0.378	3	0.376	0.11	0.111	4100	5000	82200	81410	100200	99300	0.80	10.0	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<b>Note: only two samples for tensile and one sample for bend test</b>														
Bend Test														
#3 Bar Bend Test Through 180° is Satisfactory														

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**UET Lahore, Pakistan.**

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To,  
 Assistant Resident Engineer  
 Material Engineer AZEA  
 Kamoki Residency  
 Construction of RCC Road (Dual Carriageway) from Alam Chowk to Ladhewala Warriach  
 (Section Rajbah to Islam City) L=2.56 km (Group No. 2 from RD 104+00 to 132+00=2800 Rft  
 or 0.85 km) District Gujranwala  
 Reference # CED/TFL **35621** (Dr. Qasim Khan) Dated: 12-11-2020  
 Reference of the request letter # AZEA/REKMK/1073A Dated: 25-09-2020

**Tension Test Report** (Page -1/1)

Date of Test 13-11-2020  
 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 <sup>2</sup> )		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	3500	5100	70200	70520	102200	102800	1.00	12.5	
2	0.369	3	0.371	0.11	0.108	3400	4800	68200	69160	96200	97700	1.10	13.8	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<b>Note: only two samples for tensile and one sample for bend test</b>														
Bend Test														
#3 Bar Bend Test Through 180° is Satisfactory														

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To,  
M/S Defence Housing Authority.  
Lahore Cantt  
(Proposed 2 Kanal, DRGCC Ph-III, DHA Ph-VI) (M/s Construct)

Reference # CED/TFL **35623** (Dr. Waseem Abbass)  
Reference of the request letter # 408/241/E/Lab/1034/769

Dated: 13-11-2020  
Dated: 12-11-2020

**Tension Test Report** (Page -1/1)

Date of Test 13-11-2020  
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 <sup>2</sup> )		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	0.373	3	0.374	0.11	0.110	3300	4900	66200	66330	98200	98500	1.10	13.8	Kamran Steel
2	0.366	3	0.370	0.11	0.108	3400	4800	68200	69700	96200	98400	1.20	15.0	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<b>Note: only two samples for tensile and one sample for bend test</b>														
Bend Test														
#3 Bar Bend Test Through 180° is Satisfactory														

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