



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 Al Madina Engineering
Lahore

Reference # CED/TFL 35990 (Dr. Qasim Khan)
Reference of the request letter # Nil

Dated: 26-01-2021

Dated: 26-01-2021

Tension Test Report (Page – 1/2)

Date of Test 02-09-2021

Gauge length 2 inches

Description Steel Plate 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
	(mm)	(mm)	(mm ²)	(kg)	(kg)	(MPa)	(MPa)	(in)		
1	16	26.40x15.90	419.76	15600	20700	364.58	483.77	0.90	45.00	
2		26.40x15.90	419.76	15500	20700	362.24	483.77	0.90	45.00	
-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	
Only Two Samples for Tensile and One Sample for Bend Test										
Bend Test										
Strip Taken from Steel Plate (16mm) Bend Test Through 180° is Satisfactory										

I/C Testing Laboratoires
UET Lahore, Pakistan.

Note:

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- 2- The above results pertain to sample /samples supplied to this laboratory.
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Reference of the request letter # Nil

Dated: 26-01-2021

Dated: 26-01-2021

Size Test Report (Page – 2/2)

Date of Test 02-02-2021

Description Steel Plate thickness Test

Sr. No.	Designation	Thickness	Remark
	(mm)	(mm)	
1	16	15.9	
-	-	-	
-	-	-	
-	-	-	
-	-	-	
-	-	-	
-	-	-	
Only One Sample for Test			

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UET Lahore, Pakistan.

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To,
M/S Haris & Co
Lahore
(Base Oil Storage Tanks Sundar State Lahore)

Reference # CED/TFL **35993** (Dr. Qasim Khan)
Reference of the request letter # Nil

Dated: 26-01-2021
Dated: 26-01-2021

Tension Test Report (Page – 1/2)

Date of Test 02-09-2021
Gauge length 2 inches
Description 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)	(mm ²)	(kg)	(kg)	(MPa)	(MPa)	(in)		
1	10	26.30x9.95	261.69	9000	12700	337.39	476.10	0.80	40.00	
2		26.30x9.90	260.37	8800	12700	331.56	478.50	0.80	40.00	
3	12	26.40x11.70	308.88	10700	15300	339.83	485.93	0.80	40.00	
4		26.40x11.70	308.88	10600	15200	336.66	482.75	0.70	35.00	
-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	
Only Four Samples for Tensile Test										
Bend Test										

I/C Testing Laboratoires
UET Lahore, Pakistan.

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To,
M/S Haris & Co
Lahore
(Base Oil Storage Tanks Sundar State Lahore)

Reference # CED/TFL **35993** (Dr. Qasim Khan)
Reference of the request letter # Nil

Dated: 26-01-2021
Dated: 26-01-2021

Size Test Report (Page – 2/2)
Date of Test 02-02-2021
Description Steel Plate thickness Test

Sr. No.	Designation	Thickness	Remark
	(mm)	(mm)	
1	10	9.95	
2	12	11.70	
-	-	-	
-	-	-	
-	-	-	
-	-	-	
-	-	-	
Only Two Samples for Test			

I/C Testing Laboratories
UET Lahore, Pakistan.

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Ref: CED/TFL/01/36014

Dated: 29-01-2021

Dated of Test: 02-02-2021

To
Assistant Director
PHATA Sub-Region Okara
(ADS II Renela Khurd) (NPHP)

Subject: **TESTING OF R.C.C. PIPE [ASTM-C76 - 08a]**

Reference to your letter No. 41, dated 27.01.2021 on the subject cited above. Two R.C.C. Pipes as received by us has been tested. The results are tabulated as under.

Sr. No	Nominal Size	Total Length	Loaded Length	External Diameter	Internal Diameter	Wall Thickness	Proof load	Ultimate Load	Proof Stress	Ultimate Stress
	(inch)	(foot)	(foot)	(foot)	(foot)	(inch)	(kg)	(kg)	Pound/Linear foot/foot	Pound/Linear foot/foot
1	9	7.76	7.28	0.92	0.73	1.11	8300	12100	3440	5015
2	24	7.78	7.06	2.49	1.98	3.05	13680	20470	2156	3226

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UET Lahore, Pakistan.

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To,
 Coordination Engineer
 Izhar Construction (Pvt) Ltd
 Construction of Mill Building & Cottonm Godowns at Nishat Mills Limited, Shhianwala,
 Faisalabad

Reference # CED/TFL **36026, 031** (Dr. Qasim Khan)
 Reference of the request letter # ICPL/CONST-NML/21/004

Dated: 02-02-2021
 Dated: 02-02-2021

Tension Test Report (Page -1/1)

Date of Test 02-02-2021
 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	0.492	10	10.90	0.12	0.145	5500	6700	101044	83780	123090	102100	1.00	12.5	
2	0.485	10	10.83	0.12	0.143	4900	6200	90021	75710	113904	95800	1.10	13.8	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
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
UET Lahore, Pakistan.

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