

To,

Mr. Yahya Jan (Area Engineer)  
Attock Petroleum Ltd.  
APL Retail Outlet Izmir Town Lahore

Reference # CED/TFL 7702 (Dr. Ali Ahmad)  
Reference of the request letter # APL/Engg/UETLab/10/27-02

Dated: 29-10-2025  
Dated: 27-10-2025

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

Date of Test 30-10-2025  
Gauge Length 8 inches  
Description Deformed Steel Bar Tensile and Bend Test as per ASTM-A706

Sr. No.	Actual Weight Per Unit Length (lb/ft)	Nominal Size (#)	Actual Diameter (inch)	Area (in <sup>2</sup> )		Yield Load (kg)	Breaking Load (kg)	Yield Stress (psi)		Ultimate Stress (psi)		Elongation (inch)	% Elongation	Remarks
				Nominal	Actual			Nominal	Actual	Nominal	Actual			
1	0.368	3	0.371	0.110	0.108	3500	4800	70127	71395	96175	97913	0.8	10.0	-
2	0.357	3	0.365	0.110	0.1048	3400	4700	68124	71503	94171	98842	1	12.5	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Note: Only 2 Samples for Tensile and 1 Samples for Bend test

Bend Test	
# 3 Bar Bend Test Through 180 Degree is Satisfactory	

Test Performed and Verified by:

To,

AJ Contractors

Tawal Site ID: TWPVHR0008, TWPPPT0004, TWPKHI0114, TWPISB0164, TWPATK0020

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Reference # CED/TFL

7704 (Dr. Ali Ahmad)

Dated: 29-10-2025

Reference of the request letter #

AJContractor/Steel/Tawal/14

Dated: 29-10-2025

### Tension Test Report

(Page-1/2)

Date of Test 30-10-2025

Gauge Length 8 inches

Description Deformed Steel Bar Tensile and Bend Test as per ASTM-A615

Sr. No.	Actual Weight Per Unit Length (lb/ft)	Nominal Size (mm)	Actual Diameter (inch)	Area (in <sup>2</sup> )		Yield Load (kg)	Breaking Load (kg)	Yield Stress (psi)		Ultimate Stress (psi)		Elongation (inch)	% Elongation	Remarks
				Nominal	Actual			Nominal	Actual	Nominal	Actual			
1	0.388	10	0.381	0.120	0.1139	3400	5100	62447	65787	93670	98680	1.3	16.3	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Note: Only 1 Samples for Tensile and 0 Samples for Bend test

Bend Test														

Test Performed and Verified by:

To,

AJ Contractors

Tawal Site ID: TWPPSH0012, TWPTTS0003, TWPPSH0018, TWPPSH0050, TWPKHI0045

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Reference # CED/TFL

7704 (Dr. Ali Ahmad)

Dated: 29-10-2025

Reference of the request letter #

AJContractor/Steel/Tawal/13

Dated: 29-10-2025

### Tension Test Report

(Page-2/2)

Date of Test 30-10-2025

Gauge Length 8 inches

Description Deformed Steel Bar Tensile and Bend Test as per ASTM-A615

Sr. No.	Actual Weight Per Unit Length (lb/ft)	Nominal Size (mm)	Actual Diameter (inch)	Area (in <sup>2</sup> )		Yield Load (kg)	Breaking Load (kg)	Yield Stress (psi)		Ultimate Stress (psi)		Elongation (inch)	% Elongation	Remarks
				Nominal	Actual			Nominal	Actual	Nominal	Actual			
1	0.388	10	0.381	0.120	0.1139	3400	5100	62447	65787	93670	98680	1.3	16.3	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Note: Only 1 Samples for Tensile and 0 Samples for Bend test

Bend Test														

Test Performed and Verified by:

To,

Mr. Waqas Ali Bhatti  
Prime Steel Re-rolling Mills  
KCI

Reference # CED/TFL 7706 (Dr. Ali Ahmad)  
Reference of the request letter # Nil

Dated: 29-10-2025  
Dated: 29-10-2025

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

Date of Test 30-10-2025  
Gauge Length 8 inches  
Description Deformed Steel Bar Tensile and Bend Test as per ASTM-A706

Sr. No.	Actual Weight Per Unit Length (lb/ft)	Nominal Size (#)	Actual Diameter (inch)	Area (in <sup>2</sup> )		Yield Load (kg)	Breaking Load (kg)	Yield Stress (psi)		Ultimate Stress (psi)		Elongation (inch)	% Elongation	Remarks
				Nominal	Actual			Nominal	Actual	Nominal	Actual			
1	0.380	3	0.377	0.110	0.1116	-	6700	-	-	134244	132342	0.9	11.3	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**Note: Only 1 Samples for Tensile and 1 Samples for Bend test**

Bend Test	
# 3 Bar Bend Test Through 180 Degree is Satisfactory	

Test Performed and Verified by:

To,

Engr. M. Tausif (Project Manager-Civil)  
Zubair Grains Products (Pvt.) Ltd., Sahiwal

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Reference # CED/TFL 7709 (Dr. Ali Ahmad)  
Reference of the request letter # Nil

Dated: 30-10-2025

Dated: 30-10-2025

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

Date of Test 30-10-2025

Gauge Length 8 inches

Description Deformed Steel Bar Tensile and Bend Test as per ASTM-A706

Sr. No.	Actual Weight Per Unit Length (lb/ft)	Nominal Size (#)	Actual Diameter (inch)	Area (in <sup>2</sup> )		Yield Load (kg)	Breaking Load (kg)	Yield Stress (psi)		Ultimate Stress (psi)		Elongation (inch)	% Elongation	Remarks
				Nominal	Actual			Nominal	Actual	Nominal	Actual			
1	0.377	3	0.375	0.110	0.1107	3400	4800	68124	67713	96175	95596	1.2	15.0	-
2	0.372	3	0.373	0.110	0.1093	3400	4700	68124	68537	94171	94742	1.4	17.5	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Note: Only 2 Samples for Tensile and 1 Samples for Bend test

Bend Test	
# 3 Bar Bend Test Through 180 Degree is Satisfactory	

Test Performed and Verified by:

To,

Mr. Waseem Akram  
Salman Developers  
Mian Usman Sb Villa

Reference # CED/TFL 7710 (Dr. Ali Ahmad)  
Reference of the request letter # Nil

Dated: 30-10-2025  
Dated: 30-10-2025

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

Date of Test 30-10-2025  
Gauge Length 8 inches  
Description Deformed Steel Bar Tensile and Bend Test as per ASTM-A706

Sr. No.	Actual Weight Per Unit Length (lb/ft)	Nominal Size (#)	Actual Diameter (inch)	Area (in <sup>2</sup> )		Yield Load (kg)	Breaking Load (kg)	Yield Stress (psi)		Ultimate Stress (psi)		Elongation (inch)	% Elongation	Remarks
				Nominal	Actual			Nominal	Actual	Nominal	Actual			
1	0.376	3	0.375	0.110	0.1104	3200	5000	64116	63870	100182	99797	1.5	18.8	3/8"
2	0.386	3	0.380	0.110	0.1135	3200	5200	64116	62127	104189	100957	1.2	15.0	3/8"
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**Note: Only 2 Samples for Tensile and 1 Samples for Bend test**

Bend Test	
# 3 Bar Bend Test Through 180 Degree is Satisfactory	

Test Performed and Verified by: