



Inspection Service

This Service Presented To

HILONG

Inspection Service:

UT Wall Thickness Measurements (UTM)

Customer:

Hilong Oil Services & Engineering. Co. Ltd. Iraq Branch

Work Location:

HL – 22 / ZB-622

Inspection Date:

06 – December – 2024

Next Inspection Date:

05 – December – 2025

Inspector Name:

Aram Dlawar





Inspection Summary Report

Report No:	ATS-12-24-4628-UTM-023	Job No:	ATS-12-24-4628
Customer:	Hilong Oil Services & Engineering	Examination date:	06-December-2024
Location:	HL-22 / ZB-622	Next Due date:	05-December-2025



Equipment Details:			
Name of the Examined Equipment:		Tee	
Summary of Procedures:			
Description of Step		Status	Remark
Visually Check For Any Damage Wear Distortionetc.		✓	Pass
Check Markings & Serial Number:		✓	Pass
Check The Ultrasonic Thickness Measuring Equipment before work:		✓	Pass
The Device Was Tested by The Test Block:		✓	Pass
Comparison Of Actual Reading with Minimum Thickness:		✓	Pass
UTM Interpretation against ASTM E797 Acceptance Criteria:		✓	Pass
ASNT Level II Inspector Name:		Signature & Stamp	
Aram Dlawar			





ABERDEEN TECHNICAL SERVICES AND GENERAL TRANSPORTATION

ULTRASONIC THICKNESS MEASUREMENT (UTM) CERTIFICATE



Client: Hilong Oil Services & Engineering		Location: Hilong - 22 / ZB - 622		Inspection Date: 06-Dec-2024			
Certificate No: ATS-12-24-4628-UTM-023-1		Work order & Job No#: ATS-12-24-4628		Inspection Due Date: 05-Dec-2025			
Item Description: 4" X 35 Mpa , Tee							
Serial No#: 3							
Relative Standards/Specifications: ASTM E 797 & Client Specifications			Material: Carbon Steel				
Surface Condition: Brushed and Cleaned			Surface Temperature: 22 C°				
Measuring Equipment							
UTM Instrument - Maker: Sona Test		Model: Sonagage IV		S. No.: 05058473			
				Calibration Date: 28-June-2024			
				Calibration Due Date: 27-Dec-2024			
Pit Depth Gauge - Maker: New Tech		Model: NAA-4-M11118		S. No.: 97594			
				Calibration Date: 28-June-2024			
				Calibration Due Date: 27-Dec-2024			
Sketch or picture (direct on this page ☒ or attached ☐							
(a) Normal condition (b) Corrosion present on back surface. Reflection echo become wide small by diffused reflection caused by corroded scabrous surface. A1, A2, A3 UTM Gauging Positions 1: 12 O'clock position 2: 3 O'clock position 3: 6 O'clock position 4: 9 O'clock position							
UTM Results							
Position	Nominal Wall Thickness	Minimum Thickness (mm)	Measured Wall Thickness (mm)				Remarks
A1	Nil	Need to be Provided from OEM by the client	18.90	18.95	18.75	18.88	Need Review
A2		Need to be Provided from OEM by the client	18.60	18.50	18.55	18.45	Need Review
A3		Need to be Provided from OEM by the client	18.70	18.75	18.55	18.78	Need Review
Result:							
1- UTM WAS CARRIED OUT ON THE ITEM AS MENTIONED EARLIER AND ALL ACTUAL WALL THICKNESS READINGS SHOULD BE REVIEWED AGAINST THE OEM DOCUMENTS WHICH SHALL BE PROVIDED FROM THE OEM BY THE CLIENT							
Inspector Name:	Aram Dlawar	Reviewed by:	Hasan Omran				Signature & Stamp
Qualification:	ASNT Level II	Date:	07-Dec-2024				
Signature:		Signature:					



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Email: akader@aberdeents.com

inspection@aberdeents-iq.com

Tel: +964 7833334444 +964 782222633