



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-014	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:	High pressure pipe	
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		





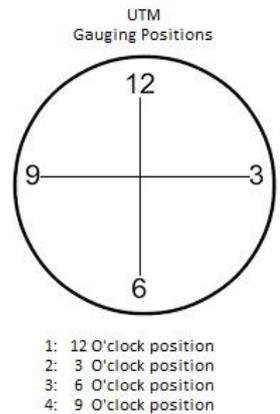
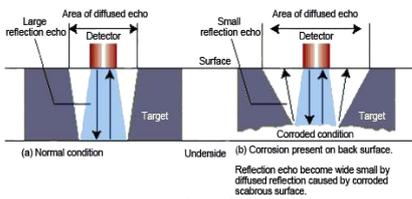
ABERDEEN TECHNICAL SERVICES AND GENERAL TRANSPORTATION

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-014-1		Work order & Job No#: ATS-12-24-4628		Inspection Due Date: 05-Dec-2025	
Item Description: 4" X 35 Mpa High pressure pipe					
Serial No#: ZJ70D118-04					
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 ☐)



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	18.70	18.75	18.65	18.66	Need Review
A2		Need to be Provided from OEM by the client	18.33	18.35	18.45	18.25	Need Review
A3		Need to be Provided from OEM by the client	18.91	18.70	18.80	18.90	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:		





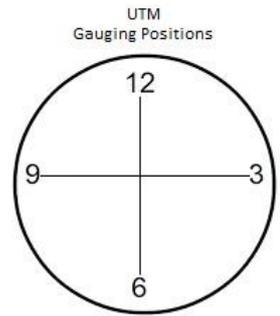
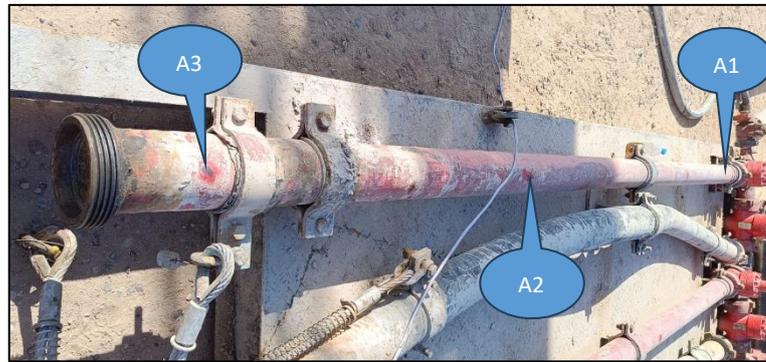
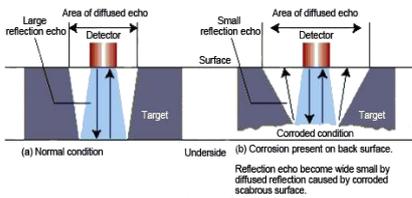
ABERDEEN TECHNICAL SERVICES AND GENERAL TRANSPORTATION

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-014-2	Work order & Job No#: ATS-12-24-4628	Inspection Due Date: 05-Dec-2025
Item Description: 4" X 35 Mpa High pressure pipe		
Serial No#: ZJ70D118-04		
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)



- 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	20.02	20.10	19.95	19.88	Need Review
A2		Need to be Provided from OEM by the client	18.70	18.68	18.65	18.55	Need Review
A3		Need to be Provided from OEM by the client	18.81	18.70	18.77	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:		

