HILONG GROUP OF COMPANIES

Inspection Services

This Service Presented To

HILONG – Rig 100

Inspection Service:	**UT - Wall Thickness Measuring**
Customer:	**Hilong Oil Services & Engineering. Co. Ltd. Iraq Branch**
Work Location:	**HL – 100 / RU – 644**
Inspection Date:	**11 – July – 2024**
Next Inspection Date:	**10 – July – 2025**
Inspector Name:	**Syed Aamir Ali**

Email: akader@aberdeents.com

inspection@aberdeents-iq.com

Tel: +964 7833334444 +964 7822222633

Inspection Summary Report

Report No:	ATS-07-24-4028	Job No:	ATS-07-24-4028
Customer:	**Hilong Oil Services & Engineering**	Examination date:	11–July–2024
Location:	HL – 100 / RU – 644	Next Due date:	10–July–2025

Equipment Details:	
Name of the Examined Equipment:	Power Swivel Goose Neck:

Summary of Procedures:

Description of Step	Status	Remark
Visually Check For Any Damage Wear Distortion ……etc.	✓	Pass
Check Marking of Serial Number:	✓	Pass
Check The Ultrasonic Thickness Measurement Equipment Before Work:	✓	Pass
The Device Was Tested by The Test Block:	✓	Pass
Comparison Of Actual Reading with Minimum Thickness:	✓	Pass
UT Interpretation ASTM E797 Acceptance Criteria:	✓	Pass

ASNT Level II Inspector Name:	Signature & Stamp
Syed Aamir Ali	

Email: aladen@aberdeents.com

inspection@aberdeents-iq.com

Tel: +964 7833334444 +964 7822222633

ABERDEEN TECHNICAL SERVICES AND GENERAL TRANSPORTATION

ULTRASONIC THICKNESS MEASUREMENT (UTM) CERTIFICATE

Client: Hilong Oil Services & Engineering	**Location:** Hilong - 100 / RU – 644	**Inspection Date:** 11-July-2024
Certificate No: ATS-07-24-4028-UTM-024	**Work order & Job No#:** ATS-07-24-4028	**Inspection Due Date:** 10-July-2025

Item Description: **Power Swivel Goose Neck:**

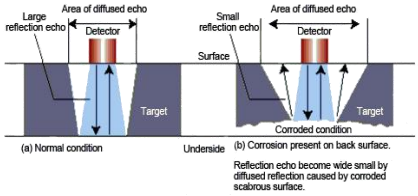
Serial No# 10452115-001

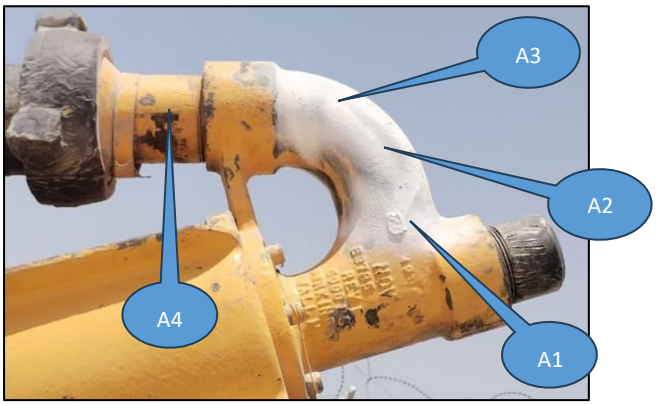
Relative Standards/Specifications: ASTM E 797 & Client Specifications	**Material:** 30CrMoA Low Carbon Alloy Steel
Surface Condition: Brushed and Cleaned	**Surface Temperature:** 38 C°

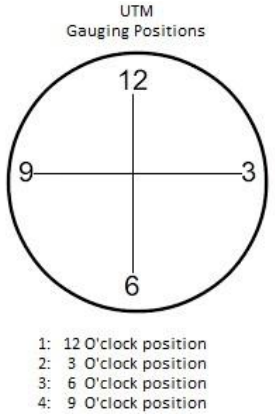
Measuring Equipment

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	7.938 mm	13.05	13.12	13.55	13.32	Accepted
A2			13.04	13.81	13.83	12.95	Accepted
A3			12.68	13.19	12.82	13.15	Accepted
A4			13.49	12.53	12.93	13.51	Accepted

Result:

1- UTM WAS CARRIED OUT ON THE ITEM MENTIONED ABOVE AND FOUND ALL ACTUAL WALL THICKNESS READINGS ABOVE THE SPECIFIED MINIMUM WALL THICKNESS AS PER THE OEM DOCUMENTS. THE ITM MENTIONED ABOVE FOUND ACCEPTED TO CONTINUE IN SERVICE.

Inspector Name:	**Syed Aamir Ali**	**Reviewed by:**	**Hasan Omran**	**Signature & Stamp**
Qualification:	**ASNT Level II** **VT, MT, PT, UT, RT** **LEEA I,II**	**Date:**	**11-July-2024**	
		Signature:		

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