ABERDEEN TECHNICAL SERVICES AND GENERAL TRANSPORTATION

ULTRASONIC THICKNESS MEASUREMENT (UTM) CERTIFICATE

Client: Hilong Oil Services & Engineering	**Location:** Hilong base / Rig-99	**Inspection Date:** 10-Dec-2023
Certificate No: ATS-12-23-2486-UTM-004	**Work order and/or Job No.:** ATS-12-23-2486	**Inspection Due Date:** 09-Dec-2024

Item Description: surface line long pipe, 3” fig 1502 , 35 Mpa

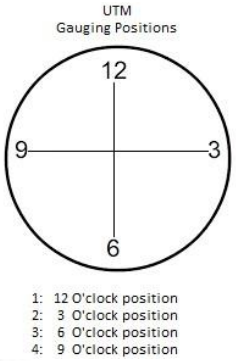
Serial No: SLM001

Relative Standards/Specifications: ASTM E 797 & Client Specifications	**Material:** 30CrMoA Low carbon alloy steel
Surface Condition: brushed and cleaned	**Surface Temperature:** 22 C°

Measuring Equipment

UTM Instrument - Maker: HUATEC	**Model:** TG 4100	**S. No.:** 5500391	**Calibration Date:** 15.AUG.2023	**Calibration Due Date:** 14.Feb.2024
Pit Depth Gauge - Maker: New Tech	**Model:** NAA-4-M11118	**S. No.:** 97594	**Calibration Date:** 17-Aug-2023	**Calibration Due Date:** 16-Feb-2024

Sketch or picture (direct on this page ☒ or attached □)



UTM Results

Position	Nominal Wall Thickness (mm)	Minimum Thickness (mm)	Measured Wall Thickness (mm)				*Remarks*
A1	14.00	8.00	13.40	13.34	13.40	13.55	**Accepted**
A2	14.00	8.00	12.40	12.39	12.50	13.19	**Accepted**
A3	14.00	8.00	13.33	13.55	13.28	13.15	**Accepted**
A4	14.00	8.00	13.10	13.15	13.25	13.39	**Accepted**

Result:

1- UTM WAS CARRIED OUT ON THE ABOVE-MENTIONED ITEM AND FOUND ALL ACTUAL WALL THICKNESS READINGS ACCEPTABLE ACCORDING TO CLIENT SPECIFICATIONS / OEM DOCUMENTS AT THE TIME OF INSPECTION.

Inspector Name:	**Aram Dlawar**	**Reviewed by:**	**Hasan Omran**	**Stamp**
Qualification:	**ASNT Level II**	**Date:**	**18-12-2023**	
Signature:		**Signature:**		

ABERDEEN TECHNICAL SERVICES

ATS-NDT-F-005 ISSUE 3 JUN 2023

Email: akader@aberdeents.com
inspection@aberdeents-iq.com
Tel: +964 7833334444 +964 7822222633