



ABERDEEN TECHNICAL SERVICES AND GENERAL TRANSPORTATION

ULTRASONIC THICKNESS MEASUREMENT (UTM) CERTIFICATE

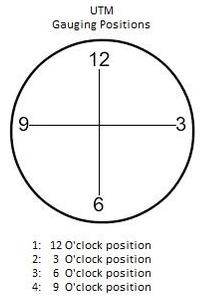
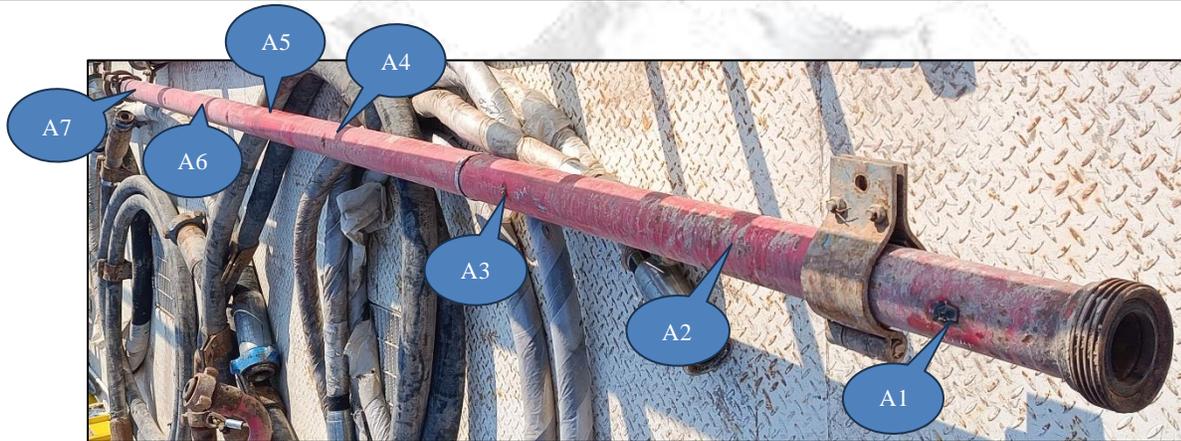


Client: Hilong Oil Services & Engineering	Location: Hilong base/Rig-100	UTM Inspection Date: 03-Jan-2024
Certificate No: ATS-12-23-2541-UTM-010	Work order and/or Job No.: ATS-12-23-2541	UTM Inspection Due Date: 02-Jan-2025

Item Description: 3" fig 1502 , 15000psi (straight pipe)	
Serial No: 38P	
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	14.0	10.3	12.14	12.55	12.22	12.99	Accepted	
A2	14.0	10.3	12.59	12.33	12.41	12.52	Accepted	
A3	14.0	10.3	12.89	12.25	12.45	12.22	Accepted	
A4	14.0	10.3	12.75	12.80	12.45	12.77	Accepted	
A5	14.0	10.3	12.80	12.62	12.33	12.45	Accepted	
A6	14.0	10.3	12.66	12.80	12.45	12.77	Accepted	
A7	14.0	10.3	13.09	13.45	13.44	13.25	Accepted	

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

Inspector Name:	Aram Dlawar	Reviewed by:	Hasan Omran	Stamp
Qualification:	ASNT Level II	Date:	09-01-2024	
Signature:		Signature:		



ATS-NDT-F-005 JUL 3 JUN 2023

Email: akader@aberdeentjs.com
inspector@aberdeentjs-ig.com
 Tel: +964 7833324444 +964 7822222633