



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:

07 – December – 2024

Next Inspection Date:

06 – December – 2025

Inspector Name:

Aram Dlawar





Inspection Summary Report

Report No:	ATS-12-24-4628-UTM-045	Job No:	ATS-12-24-4628
Customer:	Hilong Oil Services & Engineering	Examination date:	07–December–2024
Location:	HL-22 / ZB-622	Next Due date:	06–December–2025



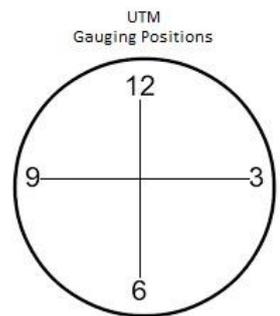
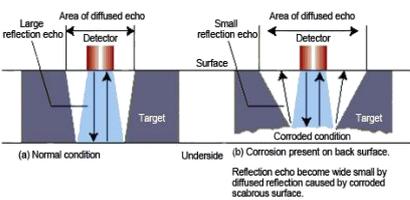
Equipment Details:		
Name of the Examined Equipment:	Mud pump pressure line components	
Summary of Procedures:		
Description of Step	Status	Remark
Visually Check For Any Damage Wear Distortionetc.	✓	Pass
Check Markings & Serial Number:	✓	Pass
Check The Ultrasonic Thickness Measuring Equipment before 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		





Client: Hilong Oil Services & Engineering		Location: Hilong - 22 / ZB - 622		Inspection Date: 07-Dec-2024	
Certificate No: ATS-12-24-4628-UTM-045-1		Work order & Job No#: ATS-12-24-4628		Inspection Due Date: 06-Dec-2025	
Item Description: mud pump pressure line components					
Serial No#: BY13-316 //// 62					
Relative Standards/Specifications: ASTME 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	24.30	24.25	24.35	24.45	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**

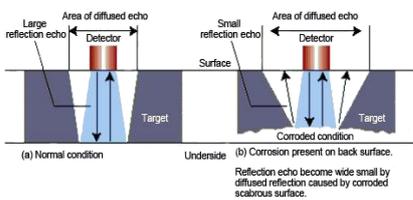
Inspector Name:	Aram Dlawar	Reviewed by:	Hasan Omran	Signature & Stamp
Qualification:	ASNT Level II	Date:	08-Dec-2024	
Signature:		Signature:		



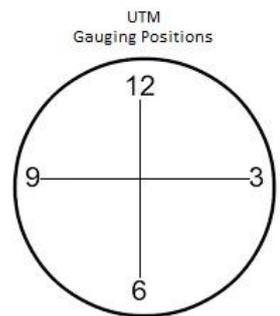


Client: Hilong Oil Services & Engineering		Location: Hilong - 22 / ZB - 622		Inspection Date: 07-Dec-2024	
Certificate No: ATS-12-24-4628-UTM-045-2		Work order & Job No#: ATS-12-24-4628		Inspection Due Date: 06-Dec-2025	
Item Description: mud pump pressure line components					
Serial No#: BY13-316 /// 1					
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 □)



A2



- 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
A2	Nil	Need to be Provided from OEM by the client	5.45	5.50	5.48	5.52	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**

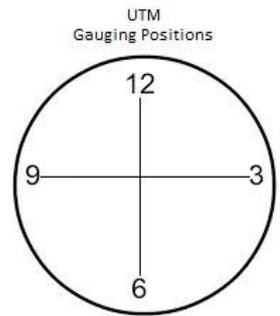
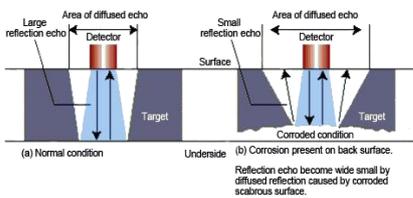
Inspector Name:	Aram Dlawar	Reviewed by:	Hasan Omran	Signature & Stamp
Qualification:	ASNT Level II	Date:	08-Dec-2024	
Signature:		Signature:		





Client: Hilong Oil Services & Engineering	Location: Hilong - 22 / ZB - 622	Inspection Date: 07-Dec-2024		
Certificate No: ATS-12-24-4628-UTM-045-3	Work order & Job No#: ATS-12-24-4628	Inspection Due Date: 06-Dec-2025		
Item Description: mud pump pressure line components				
Serial No#: BY13-316 //// 61				
Relative Standards/Specifications: ASTME 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
A3	Nil	Need to be Provided from OEM by the client	3.90	3.91	3.89	4.05	Need Review
A4		Need to be Provided from OEM by the client	4.28	4.29	4.27	4.35	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**

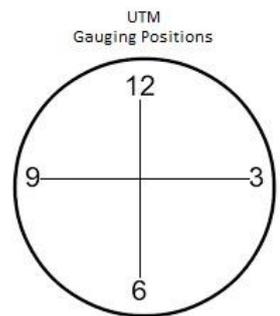
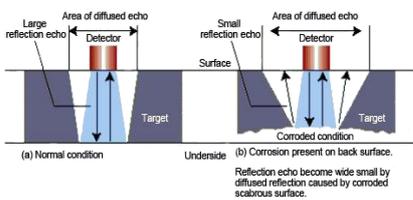
Inspector Name:	Aram Dlawar	Reviewed by:	Hasan Omran	
Qualification:	ASNT Level II	Date:	08-Dec-2024	
Signature:		Signature:		





Client: Hilong Oil Services & Engineering		Location: Hilong - 22 / ZB - 622		Inspection Date: 07-Dec-2024	
Certificate No: ATS-12-24-4628-UTM-045-4		Work order & Job No#: ATS-12-24-4628		Inspection Due Date: 06-Dec-2025	
Item Description: mud pump pressure line components					
Serial No#: BY13-316 //// 63					
Relative Standards/Specifications: ASTME 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
A5	Nil	Need to be Provided from OEM by the client	13.25	13.35	13.48	13.51	Need Review
A6		Need to be Provided from OEM by the client	18.67	18.83	18.85	18.80	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:	08-Dec-2024	
Signature:		Signature:		





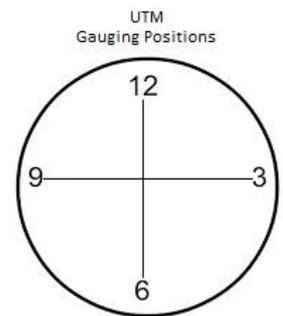
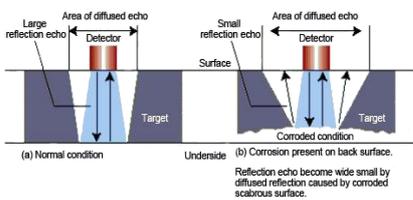
ABERDEEN TECHNICAL SERVICES AND GENERAL TRANSPORTATION



ULTRASONIC THICKNESS MEASUREMENT (UTM) CERTIFICATE

Client: Hilong Oil Services & Engineering	Location: Hilong - 22 / ZB - 622	Inspection Date: 07-Dec-2024
Certificate No: ATS-12-24-4628-UTM-045-5	Work order & Job No#: ATS-12-24-4628	Inspection Due Date: 06-Dec-2025
Item Description: mud pump pressure line components		
Serial No#: BY13-316 //// 64		
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
A7	Nil	Need to be Provided from OEM by the client	28.88	28.91	28.85	28.81	Need Review
A8		Need to be Provided from OEM by the client	34.75	34.63	34.51	34.30	Need Review
A9		Need to be Provided from OEM by the client	29.67	29.65	29.78	29.75	Need Review
A10		Need to be Provided from OEM by the client	24.75	24.52	24.41	24.61	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:	08-Dec-2024	
Signature:		Signature:		





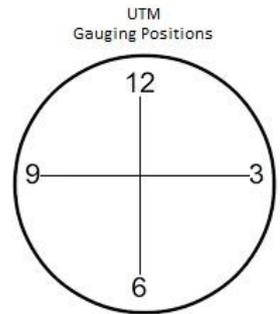
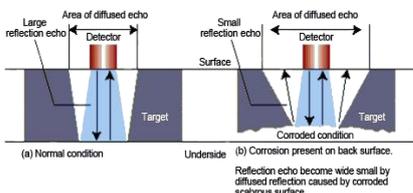
ABERDEEN TECHNICAL SERVICES AND GENERAL TRANSPORTATION

ULTRASONIC THICKNESS MEASUREMENT (UTM) CERTIFICATE



Client: Hilong Oil Services & Engineering		Location: Hilong - 22 / ZB - 622		Inspection Date: 07-Dec-2024	
Certificate No: ATS-12-24-4628-UTM-045-6		Work order & Job No#: ATS-12-24-4628		Inspection Due Date: 06-Dec-2025	
Item Description: mud pump pressure line components					
Serial No#: BY13-316 //// 68					
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
A11	Nil	Need to be Provided from OEM by the client	37.20	37.20	37.30	37.33	Need Review
A12		Need to be Provided from OEM by the client	38.22	38.10	37.80	37.89	Need Review
A13		Need to be Provided from OEM by the client	37.50	37.65	37.40	37.61	Need Review
A14		Need to be Provided from OEM by the client	37.70	37.60	37.45	37.35	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:	08-Dec-2024	
Signature:		Signature:		





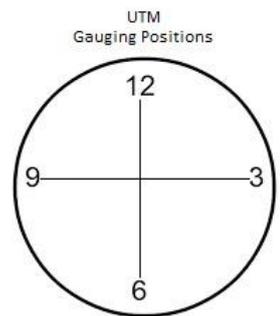
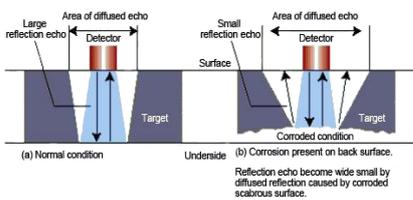
ABERDEEN TECHNICAL SERVICES AND GENERAL TRANSPORTATION

ULTRASONIC THICKNESS MEASUREMENT (UTM) CERTIFICATE



Client: Hilong Oil Services & Engineering	Location: Hilong - 22 / ZB - 622	Inspection Date: 07-Dec-2024
Certificate No: ATS-12-24-4628-UTM-045-7	Work order & Job No#: ATS-12-24-4628	Inspection Due Date: 06-Dec-2025
Item Description: mud pump pressure line components		
Serial No#: BY13-316 //// 69		
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
A15	Nil	Need to be Provided from OEM by the client	37.45	37.50	37.59	37.40	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:	08-Dec-2024	
Signature:		Signature:		



ATS-NDT-F-005 ISSUE 3 JUN 2023

Email: akader@aberdeents.com

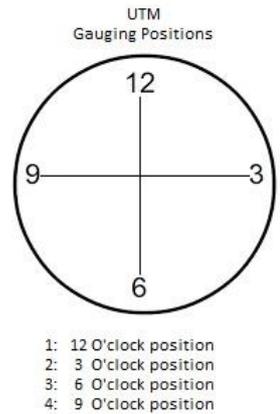
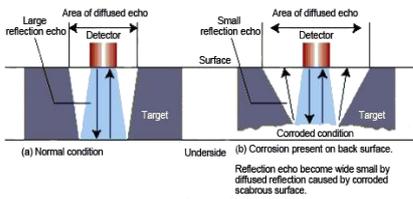
inspection@aberdeents-iq.com

Tel: +964 783334444 +964 782222633



Client: Hilong Oil Services & Engineering	Location: Hilong - 22 / ZB - 622	Inspection Date: 07-Dec-2024		
Certificate No: ATS-12-24-4628-UTM-045-8	Work order & Job No#: ATS-12-24-4628	Inspection Due Date: 06-Dec-2025		
Item Description: mud pump pressure line components				
Serial No#: BY13-316 //// 50				
Relative Standards/Specifications: ASTME 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
A16	Nil	Need to be Provided from OEM by the client	18.80	18.95	18.93	18.99	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**

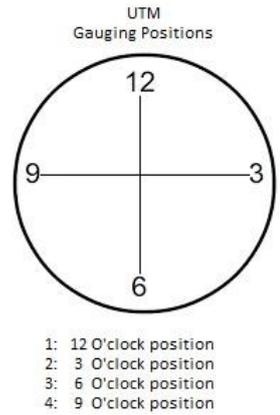
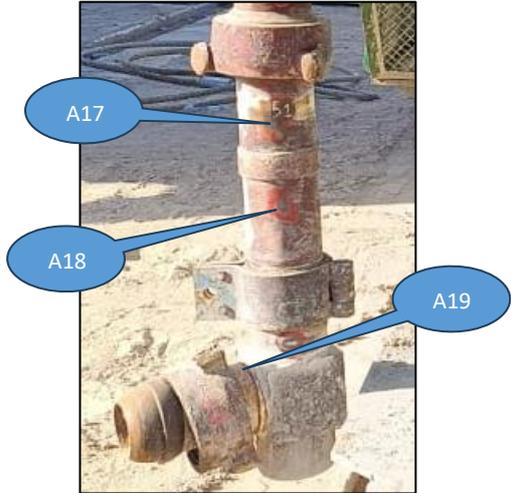
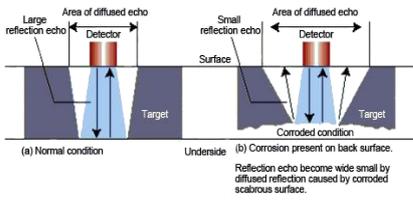
Inspector Name:	Aram Dlawar	Reviewed by:	Hasan Omran	Signature & Stamp
Qualification:	ASNT Level II	Date:	08-Dec-2024	
Signature:		Signature:		





Client: Hilong Oil Services & Engineering		Location: Hilong - 22 / ZB - 622		Inspection Date: 07-Dec-2024	
Certificate No: ATS-12-24-4628-UTM-045-9		Work order & Job No#: ATS-12-24-4628		Inspection Due Date: 06-Dec-2025	
Item Description: mud pump pressure line components					
Serial No#: BY13-316 //// 51 (ZJ70D118-01)					
Relative Standards/Specifications: ASTME 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-M1118	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
A17	Nil	Need to be Provided from OEM by the client	18.70	18.75	18.72	18.84	Need Review
A18		Need to be Provided from OEM by the client	18.78	18.65	18.83	18.71	Need Review
A19		Need to be Provided from OEM by the client	19.55	19.55	19.45	19.65	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**

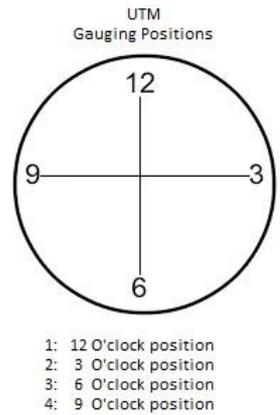
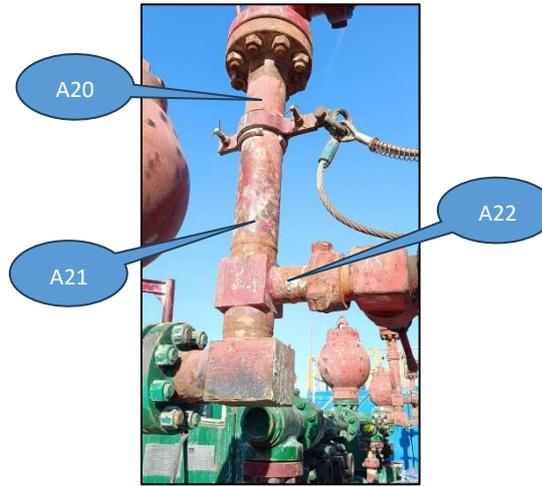
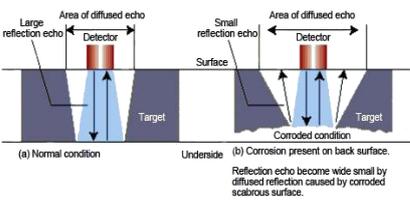
Inspector Name:	Aram Dlawar	Reviewed by:	Hasan Omran	Signature & Stamp
Qualification:	ASNT Level II	Date:	08-Dec-2024	
Signature:		Signature:		





Client: Hilong Oil Services & Engineering	Location: Hilong - 22 / ZB - 622	Inspection Date: 07-Dec-2024
Certificate No: ATS-12-24-4628-UTM-045-10	Work order & Job No#: ATS-12-24-4628	Inspection Due Date: 06-Dec-2025
Item Description: mud pump pressure line components		
Serial No#: BY13-316 //// 64-1		
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
A20	Nil	Need to be Provided from OEM by the client	18.88	18.88	18.79	18.89	Need Review
A21		Need to be Provided from OEM by the client	19.30	19.23	19.33	19.20	Need Review
A22		Need to be Provided from OEM by the client	16.78	16.68	16.68	16.79	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	
Qualification:	ASNT Level II	Date:	08-Dec-2024	
Signature:		Signature:		

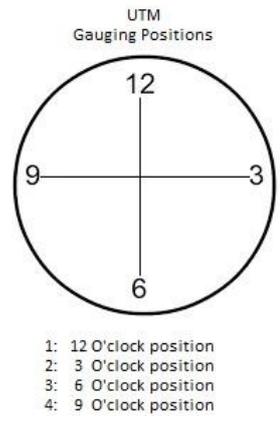
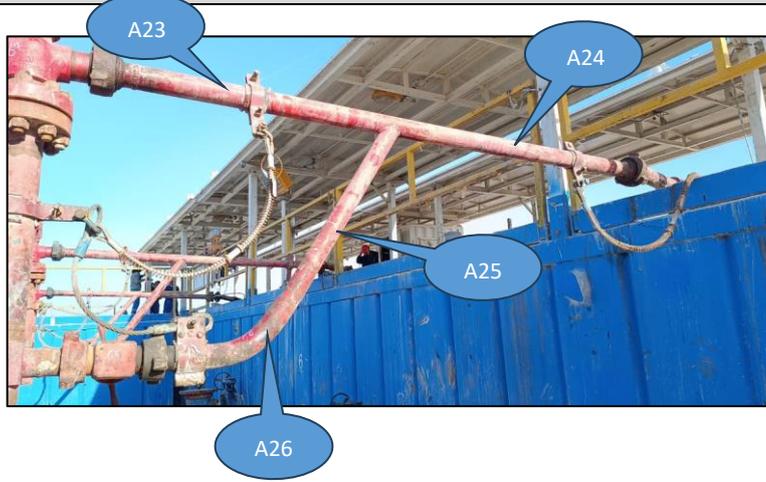
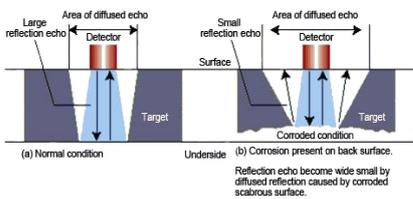




ULTRASONIC THICKNESS MEASUREMENT (UTM) CERTIFICATE

Client: Hilong Oil Services & Engineering		Location: Hilong - 22 / ZB - 622		Inspection Date: 07-Dec-2024	
Certificate No: ATS-12-24-4628-UTM-045-11		Work order & Job No#: ATS-12-24-4628		Inspection Due Date: 06-Dec-2025	
Item Description: mud pump pressure line components					
Serial No#: BY13-316 //// 66					
Relative Standards/Specifications: ASTME 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
A23	Nil	Need to be Provided from OEM by the client	16.30	16.50	16.40	16.47	Need Review
A24		Need to be Provided from OEM by the client	17.15	17.18	16.90	16.79	Need Review
A25		Need to be Provided from OEM by the client	16.33	16.31	16.38	16.42	Need Review
A26		Need to be Provided from OEM by the client	16.25	16.25	16.25	16.33	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:	08-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: 07-Dec-2024
Certificate No: ATS-12-24-4628-UTM-045-12	Work order & Job No#: ATS-12-24-4628	Inspection Due Date: 06-Dec-2025

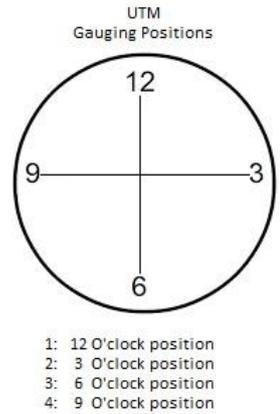
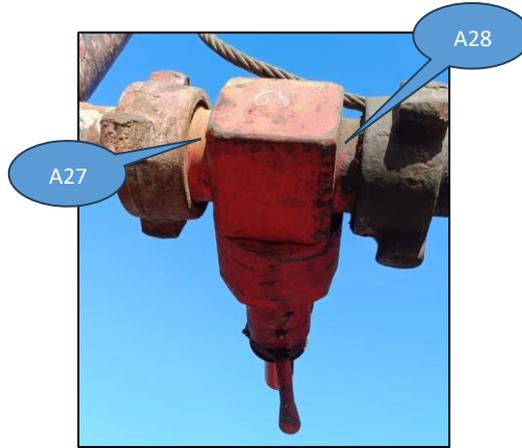
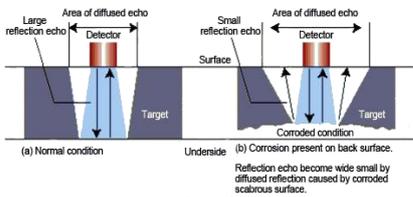
Item Description: mud pump pressure line components
Serial No#: BY13-316 //// 65 (202403049)

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
A27	Nil	Need to be Provided from OEM by the client	33.55	33.55	33.53	33.50	Need Review
A28		Need to be Provided from OEM by the client	34.30	34.31	34.45	34.38	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**

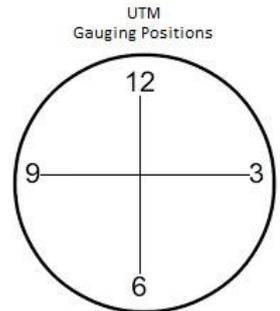
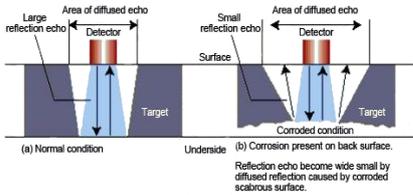
Inspector Name:	Aram Dlawar	Reviewed by:	Hasan Omran	Signature & Stamp
Qualification:	ASNT Level II	Date:	08-Dec-2024	
Signature:		Signature:		





Client: Hilong Oil Services & Engineering	Location: Hilong - 22 / ZB - 622	Inspection Date: 07-Dec-2024		
Certificate No: ATS-12-24-4628-UTM-045-13	Work order & Job No#: ATS-12-24-4628	Inspection Due Date: 06-Dec-2025		
Item Description: mud pump pressure line components				
Serial No#: BY13-316 //// 67				
Relative Standards/Specifications: ASTME 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
A29	Nil	Need to be Provided from OEM by the client	16.12	16.20	16.18	16.30	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**

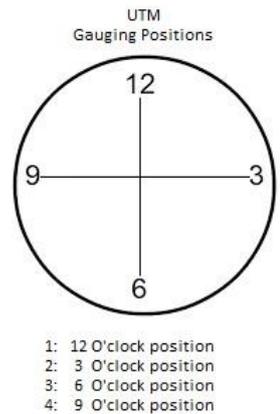
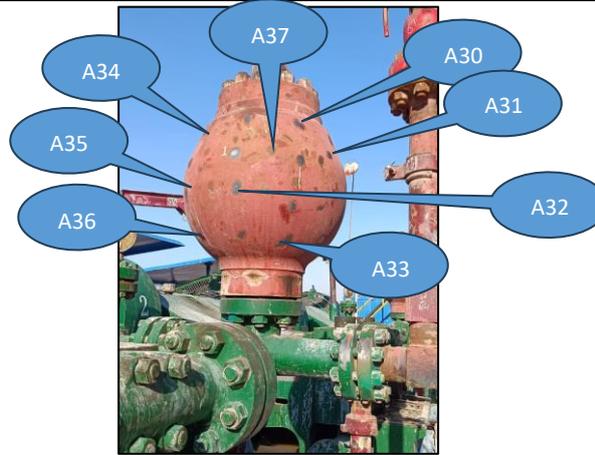
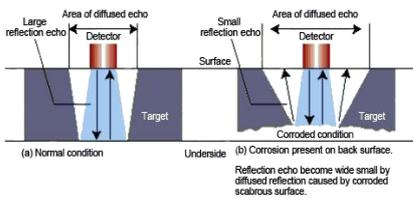
Inspector Name:	Aram Dlawar	Reviewed by:	Hasan Omran	Signature & Stamp
Qualification:	ASNT Level II	Date:	08-Dec-2024	
Signature:		Signature:		





Client: Hilong Oil Services & Engineering	Location: Hilong - 22 / ZB - 622	Inspection Date: 07-Dec-2024		
Certificate No: ATS-12-24-4628-UTM-045-14	Work order & Job No#: ATS-12-24-4628	Inspection Due Date: 06-Dec-2025		
Item Description: mud pump pressure line components				
Serial No#: BY13-316 //// 1				
Relative Standards/Specifications: ASTME 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
A30	Nil	Need to be Provided from OEM by the client	53.33	Need Review
A31		Need to be Provided from OEM by the client	53.35	Need Review
A32		Need to be Provided from OEM by the client	53.55	Need Review
A33		Need to be Provided from OEM by the client	53.61	Need Review
A34		Need to be Provided from OEM by the client	53.55	Need Review
A35		Need to be Provided from OEM by the client	53.68	Need Review
A36		Need to be Provided from OEM by the client	53.40	Need Review
A37		Need to be Provided from OEM by the client	54.10	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:	08-Dec-2024	
Signature:		Signature:		

