



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-012 | 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 | | |





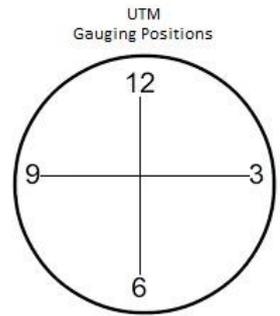
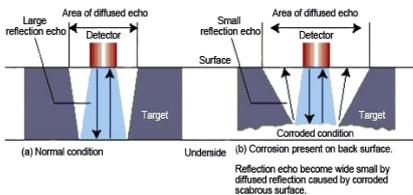
ABERDEEN TECHNICAL SERVICES AND GENERAL TRANSPORTATION

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-012-1 | 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#: ZJ70D118-03 | | |
| 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 | 18.78 | 18.59 | 18.78 | Need Review |
| A2 | | Need to be Provided from OEM by the client | 18.58 | 18.50 | 18.70 | Need Review |
| A3 | | Need to be Provided from OEM by the client | 18.74 | 18.70 | 18.67 | 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: | | |

