



### 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:**

**HILONG BASE / ABERDEEN**

**Inspection Date:**

**12 – November – 2025**

**Next Inspection Date:**

**11 – November – 2026**

**Inspector Name:**

**Tayyab Abbasi**





**Inspection Summary Report**

Report No:	ATS-10-25-5155-25	Job No:	ATS-10-25-5155
Customer:	<b>Hilong Oil Services &amp; Engineering</b>	Examination date:	12–November–2025
Location:	HILONG Base / Aberdeen Yard	Next Due date:	11–November–2026



Equipment Details:			
Name of the Examined Equipment:		Chok Manifold:	
<b>Summary of Procedures:</b>			
Description of Step	Status	Remark	
Visually Check For Any Damage Wear Distortion .....etc.	✓	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	
<b>Tayyab Abbasi</b>			



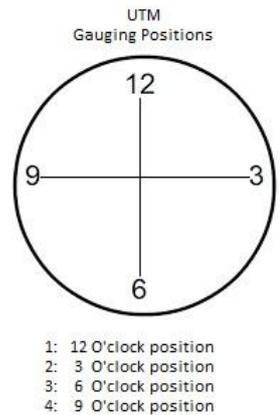
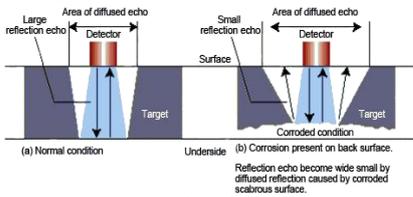
**ABERDEEN TECHNICAL SERVICES AND GENERAL TRANSPORTATION**

**ULTRASONIC THICKNESS MEASUREMENT (UTM) CERTIFICATE**



<b>Client:</b> Hilong Oil Services & Engineering	<b>Location:</b> Hilong Base / Aberdeen Yard	<b>Inspection Date:</b> 13-November-2025
<b>Certificate No:</b> ATS-10-25-5155-25-1	<b>Work order &amp; Job No#:</b> ATS-10-25-5155	<b>Inspection Due Date:</b> 12-November-2026
<b>Item Description:</b> <b>MANUAL PLATE GATE VALVE (65mm x 35MPa)</b>		
<b>Serial No#:</b> 23040340034		
<b>Relative Standards/Specifications:</b> ASTM E 797 & Client Specifications		<b>Material:</b> Carbon Steel
<b>Surface Condition:</b> Brushed and Cleaned		<b>Surface Temperature:</b> 22 C°
<b>Measuring Equipment</b>		
<b>UTM Instrument - Maker:</b> Sona Test	<b>Model:</b> Sonagage IV	<b>S. No.:</b> 05058473
		<b>Calibration Date:</b> 05-June-2025
		<b>Calibration Due Date:</b> 04-Dec-2025
<b>Pit Depth Gauge - Maker:</b> New Tech	<b>Model:</b> NAA-4-M11118	<b>S. No.:</b> 97594
		<b>Calibration Date:</b> 05-June-2025
		<b>Calibration Due Date:</b> 04-Dec-2025

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	8.0	28.58	28.72	28.85	28.42	-
A2		8.0	29.58	29.23	29.73	29.45	-

**Result:**  
 1- UTM WAS CARRIED OUT ON THE ITEM AS MENTIONED EARLIER AND ALL ACTUAL WALL THICKNESS READINGS SHOULD BE REVISED ACCORDING TO CLIENT SPECIFICATIONS / OEM DOCUMENTS AT THE TIME OF INSPECTION:

<b>Inspector Name:</b>	Tayyab Abbasi	<b>Reviewed by:</b>	Hasan Omran	<b>Signature &amp; Stamp</b>
<b>Qualification:</b>	ASNT Level II	<b>Date:</b>	13-Nov-2025	
<b>Signature:</b>		<b>Signature:</b>		





**ABERDEEN TECHNICAL SERVICES AND GENERAL TRANSPORTATION**

**ULTRASONIC THICKNESS MEASUREMENT (UTM) CERTIFICATE**



<b>Client:</b> Hilong Oil Services & Engineering	<b>Location:</b> Hilong Base / Aberdeen Yard	<b>Inspection Date:</b> 13-November-2025
<b>Certificate No:</b> ATS-10-25-5155-25-2	<b>Work order &amp; Job No#:</b> ATS-10-25-5155	<b>Inspection Due Date:</b> 12-November-2026
<b>Item Description:</b> <b>MANUAL PLATE GATE VALVE (65mm x 35MPa)</b>		
<b>Serial No#:</b> 23040340035		
<b>Relative Standards/Specifications:</b> ASTM E 797 & Client Specifications		<b>Material:</b> Carbon Steel
<b>Surface Condition:</b> Brushed and Cleaned		<b>Surface Temperature:</b> 22 C°
<b>Measuring Equipment</b>		
<b>UTM Instrument - Maker:</b> Sona Test	<b>Model:</b> Sonagage IV	<b>S. No.:</b> 05058473
		<b>Calibration Date:</b> 05-June-2025
		<b>Calibration Due Date:</b> 04-Dec-2025
<b>Pit Depth Gauge - Maker:</b> New Tech	<b>Model:</b> NAA-4-M11118	<b>S. No.:</b> 97594
		<b>Calibration Date:</b> 05-June-2025
		<b>Calibration Due Date:</b> 04-Dec-2025

Sketch or picture (direct on this page or attached ☐)

(a) Normal condition

(b) Corrosion present on back surface. Reflection echo become wide small by diffused reflection caused by corroded scabrous surface.

UTM Gauging Positions

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	8.0	28.73	28.78	29.10	29.18	-	
A2		8.0	28.78	29.28	29.53	28.47	-	

**Result:**

1- UTM WAS CARRIED OUT ON THE ITEM AS MENTIONED EARLIER AND ALL ACTUAL WALL THICKNESS READINGS SHOULD BE REVISED ACCORDING TO CLIENT SPECIFICATIONS / OEM DOCUMENTS AT THE TIME OF INSPECTION:

<b>Inspector Name:</b>	Tayyab Abbasi	<b>Reviewed by:</b>	Hasan Omran	
<b>Qualification:</b>	ASNT Level II	<b>Date:</b>	13-Nov-2025	
<b>Signature:</b>		<b>Signature:</b>		



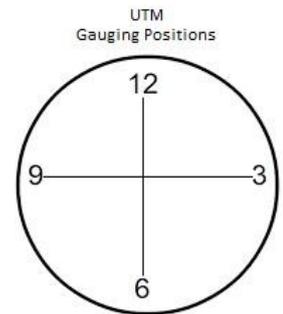
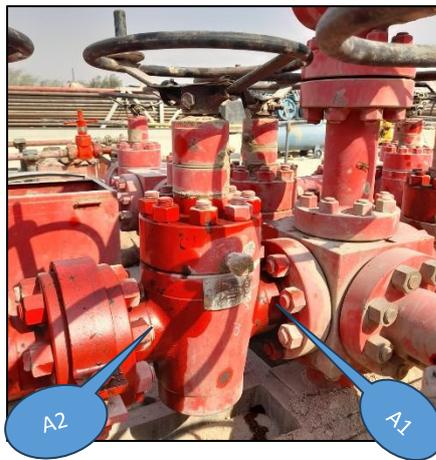
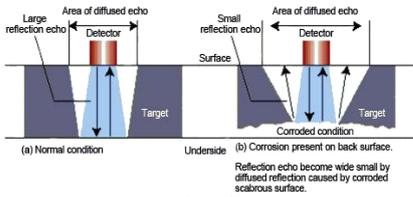
**ABERDEEN TECHNICAL SERVICES AND GENERAL TRANSPORTATION**

**ULTRASONIC THICKNESS MEASUREMENT (UTM) CERTIFICATE**



<b>Client:</b> Hilong Oil Services & Engineering	<b>Location:</b> Hilong Base / Aberdeen Yard	<b>Inspection Date:</b> 13-November-2025
<b>Certificate No:</b> ATS-10-25-5155-25-3	<b>Work order &amp; Job No#:</b> ATS-10-25-5155	<b>Inspection Due Date:</b> 12-November-2026
<b>Item Description:</b> <b>MANUAL PLATE GATE VALVE (65mm x 35MPa)</b>		
<b>Serial No#:</b> 23040340023		
<b>Relative Standards/Specifications:</b> ASTM E 797 & Client Specifications		<b>Material:</b> Carbon Steel
<b>Surface Condition:</b> Brushed and Cleaned		<b>Surface Temperature:</b> 22 C°
<b>Measuring Equipment</b>		
<b>UTM Instrument - Maker:</b> Sona Test	<b>Model:</b> Sonagage IV	<b>S. No.:</b> 05058473
		<b>Calibration Date:</b> 05-June-2025
		<b>Calibration Due Date:</b> 04-Dec-2025
<b>Pit Depth Gauge - Maker:</b> New Tech	<b>Model:</b> NAA-4-M11118	<b>S. No.:</b> 97594
		<b>Calibration Date:</b> 05-June-2025
		<b>Calibration Due Date:</b> 04-Dec-2025

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	8.0	28.63	28.48	29.25	29.33	-
A2		8.0	29.28	29.18	29.33	29.37	-

**Result:**

1- UTM WAS CARRIED OUT ON THE ITEM AS MENTIONED EARLIER AND ALL ACTUAL WALL THICKNESS READINGS SHOULD BE REVISED ACCORDING TO CLIENT SPECIFICATIONS / OEM DOCUMENTS AT THE TIME OF INSPECTION:

<b>Inspector Name:</b>	Tayyab Abbasi	<b>Reviewed by:</b>	Hasan Omran	<b>Signature &amp; Stamp</b>
<b>Qualification:</b>	ASNT Level II	<b>Date:</b>	13-Nov-2025	
<b>Signature:</b>		<b>Signature:</b>		





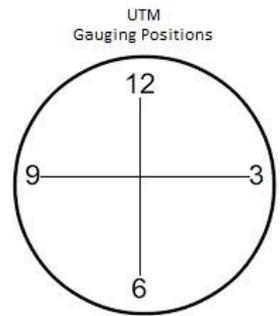
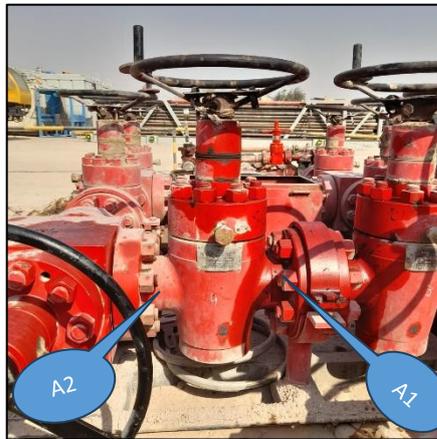
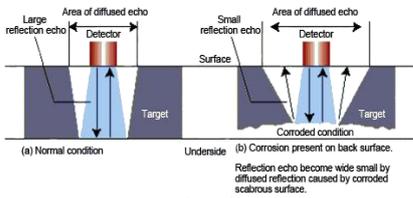
**ABERDEEN TECHNICAL SERVICES AND GENERAL TRANSPORTATION**

**ULTRASONIC THICKNESS MEASUREMENT (UTM) CERTIFICATE**



<b>Client:</b> Hilong Oil Services & Engineering	<b>Location:</b> Hilong Base / Aberdeen Yard	<b>Inspection Date:</b> 13-November-2025	
<b>Certificate No:</b> ATS-10-25-5155-25-4	<b>Work order &amp; Job No#:</b> ATS-10-25-5155	<b>Inspection Due Date:</b> 12-November-2026	
<b>Item Description:</b> <b>MANUAL PLATE GATE VALVE (65mm x 35MPa)</b>			
<b>Serial No#:</b> 23040340024			
<b>Relative Standards/Specifications:</b> ASTM E 797 & Client Specifications		<b>Material:</b> Carbon Steel	
<b>Surface Condition:</b> Brushed and Cleaned		<b>Surface Temperature:</b> 22 C°	
<b>Measuring Equipment</b>			
<b>UTM Instrument - Maker:</b> Sona Test	<b>Model:</b> Sonagage IV	<b>S. No.:</b> 05058473	<b>Calibration Date:</b> 05-June-2025
<b>Pit Depth Gauge - Maker:</b> New Tech	<b>Model:</b> NAA-4-M11118	<b>S. No.:</b> 97594	<b>Calibration Date:</b> 05-June-2025
		<b>Calibration Due Date:</b> 04-Dec-2025	<b>Calibration Due Date:</b> 04-Dec-2025

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	8.0	28.41	28.54	28.85	29.04	-
A2		8.0	29.30	28.80	28.72	28.45	-

**Result:**  
 1- UTM WAS CARRIED OUT ON THE ITEM AS MENTIONED EARLIER AND ALL ACTUAL WALL THICKNESS READINGS SHOULD BE REVISED ACCORDING TO CLIENT SPECIFICATIONS / OEM DOCUMENTS AT THE TIME OF INSPECTION:

<b>Inspector Name:</b>	Tayyab Abbasi	<b>Reviewed by:</b>	Hasan Omran	<b>Signature &amp; Stamp</b>
<b>Qualification:</b>	ASNT Level II	<b>Date:</b>	13-Nov-2025	
<b>Signature:</b>		<b>Signature:</b>		





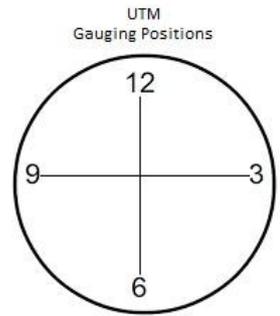
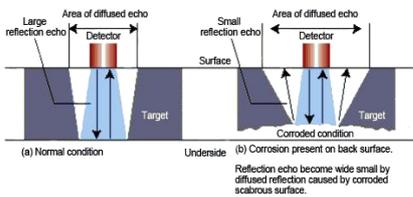
**ABERDEEN TECHNICAL SERVICES AND GENERAL TRANSPORTATION**

**ULTRASONIC THICKNESS MEASUREMENT (UTM) CERTIFICATE**



<b>Client:</b> Hilong Oil Services & Engineering	<b>Location:</b> Hilong Base / Aberdeen Yard	<b>Inspection Date:</b> 13-November-2025	
<b>Certificate No:</b> ATS-10-25-5155-25-5	<b>Work order &amp; Job No#:</b> ATS-10-25-5155	<b>Inspection Due Date:</b> 12-November-2026	
<b>Item Description:</b> <b>MANUAL PLATE GATE VALVE (65mm x 35MPa)</b>			
<b>Serial No#:</b> 23040340022			
<b>Relative Standards/Specifications:</b> ASTM E 797 & Client Specifications		<b>Material:</b> Carbon Steel	
<b>Surface Condition:</b> Brushed and Cleaned		<b>Surface Temperature:</b> 22 C°	
<b>Measuring Equipment</b>			
<b>UTM Instrument - Maker:</b> Sona Test	<b>Model:</b> Sonagage IV	<b>S. No.:</b> 05058473	<b>Calibration Date:</b> 05-June-2025
			<b>Calibration Due Date:</b> 04-Dec-2025
<b>Pit Depth Gauge - Maker:</b> New Tech	<b>Model:</b> NAA-4-M11118	<b>S. No.:</b> 97594	<b>Calibration Date:</b> 05-June-2025
			<b>Calibration Due Date:</b> 04-Dec-2025

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	8.0	28.38	28.42	28.49	28.56	-
A2		8.0	28.30	28.40	28.52	28.65	-

**Result:**  
 1- UTM WAS CARRIED OUT ON THE ITEM AS MENTIONED EARLIER AND ALL ACTUAL WALL THICKNESS READINGS SHOULD BE REVISED ACCORDING TO CLIENT SPECIFICATIONS / OEM DOCUMENTS AT THE TIME OF INSPECTION:

<b>Inspector Name:</b>	Tayyab Abbasi	<b>Reviewed by:</b>	Hasan Omran	<b>Signature &amp; Stamp</b>
<b>Qualification:</b>	ASNT Level II	<b>Date:</b>	13-Nov-2025	
<b>Signature:</b>		<b>Signature:</b>		





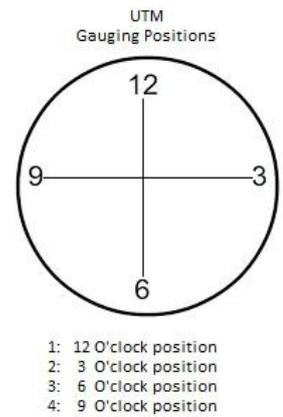
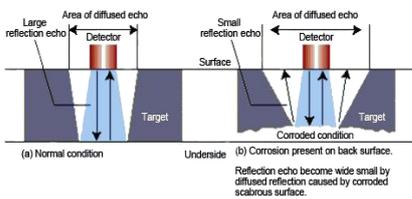
**ABERDEEN TECHNICAL SERVICES AND GENERAL TRANSPORTATION**

**ULTRASONIC THICKNESS MEASUREMENT (UTM) CERTIFICATE**



<b>Client:</b> Hilong Oil Services & Engineering	<b>Location:</b> Hilong Base / Aberdeen Yard	<b>Inspection Date:</b> 13-November-2025	
<b>Certificate No:</b> ATS-10-25-5155-25-6	<b>Work order &amp; Job No#:</b> ATS-10-25-5155	<b>Inspection Due Date:</b> 12-November-2026	
<b>Item Description:</b> <b>MANUAL PLATE GATE VALVE (65mm x 35MPa)</b>			
<b>Serial No#:</b> 23040340029			
<b>Relative Standards/Specifications:</b> ASTM E 797 & Client Specifications		<b>Material:</b> Carbon Steel	
<b>Surface Condition:</b> Brushed and Cleaned		<b>Surface Temperature:</b> 22 C°	
<b>Measuring Equipment</b>			
<b>UTM Instrument - Maker:</b> Sona Test	<b>Model:</b> Sonagage IV	<b>S. No.:</b> 05058473	<b>Calibration Date:</b> 05-June-2025
<b>Pit Depth Gauge - Maker:</b> New Tech	<b>Model:</b> NAA-4-M11118	<b>S. No.:</b> 97594	<b>Calibration Date:</b> 05-June-2025
		<b>Calibration Due Date:</b> 04-Dec-2025	<b>Calibration Due Date:</b> 04-Dec-2025

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	8.0	29.18	29.22	29.24	28.87	-
A2		8.0	29.10	28.96	28.78	28.97	-

**Result:**

1- UTM WAS CARRIED OUT ON THE ITEM AS MENTIONED EARLIER AND ALL ACTUAL WALL THICKNESS READINGS SHOULD BE REVISED ACCORDING TO CLIENT SPECIFICATIONS / OEM DOCUMENTS AT THE TIME OF INSPECTION:

<b>Inspector Name:</b>	Tayyab Abbasi	<b>Reviewed by:</b>	Hasan Omran	<b>Signature &amp; Stamp</b>
<b>Qualification:</b>	ASNT Level II	<b>Date:</b>	13-Nov-2025	
<b>Signature:</b>		<b>Signature:</b>		





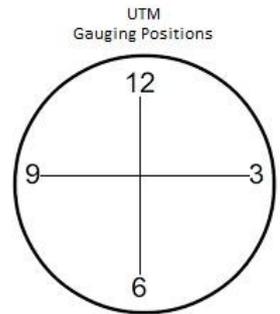
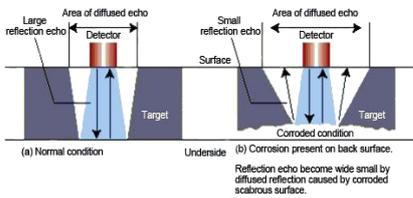
**ABERDEEN TECHNICAL SERVICES AND GENERAL TRANSPORTATION**

**ULTRASONIC THICKNESS MEASUREMENT (UTM) CERTIFICATE**



<b>Client:</b> Hilong Oil Services & Engineering	<b>Location:</b> Hilong Base / Aberdeen Yard	<b>Inspection Date:</b> 13-November-2025	
<b>Certificate No:</b> ATS-10-25-5155-25-7	<b>Work order &amp; Job No#:</b> ATS-10-25-5155	<b>Inspection Due Date:</b> 12-November-2026	
<b>Item Description:</b> <b>MANUAL PLATE GATE VALVE (65mm x 35MPa)</b>			
<b>Serial No#:</b> 23040344404			
<b>Relative Standards/Specifications:</b> ASTM E 797 & Client Specifications		<b>Material:</b> Carbon Steel	
<b>Surface Condition:</b> Brushed and Cleaned		<b>Surface Temperature:</b> 22 C°	
<b>Measuring Equipment</b>			
<b>UTM Instrument - Maker:</b> Sona Test	<b>Model:</b> Sonagage IV	<b>S. No.:</b> 05058473	<b>Calibration Date:</b> 05-June-2025
<b>Pit Depth Gauge - Maker:</b> New Tech	<b>Model:</b> NAA-4-M11118	<b>S. No.:</b> 97594	<b>Calibration Date:</b> 05-June-2025
		<b>Calibration Due Date:</b> 04-Dec-2025	<b>Calibration Due Date:</b> 04-Dec-2025

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	8.0	29.54	29.43	29.42	29.32	-
A2		8.0	29.63	29.47	29.10	29.25	-

**Result:**

1- UTM WAS CARRIED OUT ON THE ITEM AS MENTIONED EARLIER AND ALL ACTUAL WALL THICKNESS READINGS SHOULD BE REVISED ACCORDING TO CLIENT SPECIFICATIONS / OEM DOCUMENTS AT THE TIME OF INSPECTION:

<b>Inspector Name:</b>	Tayyab Abbasi	<b>Reviewed by:</b>	Hasan Omran	<b>Signature &amp; Stamp</b>
<b>Qualification:</b>	ASNT Level II	<b>Date:</b>	13-Nov-2025	
<b>Signature:</b>		<b>Signature:</b>		





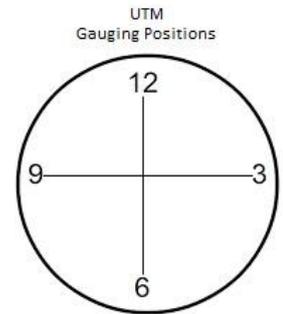
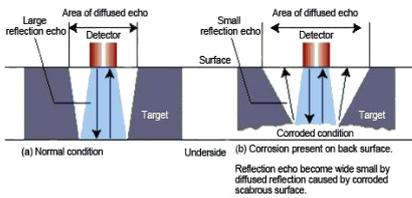
# ABERDEEN TECHNICAL SERVICES AND GENERAL TRANSPORTATION

## ULTRASONIC THICKNESS MEASUREMENT (UTM) CERTIFICATE



<b>Client:</b> Hilong Oil Services & Engineering	<b>Location:</b> Hilong Base / Aberdeen Yard	<b>Inspection Date:</b> 13-November-2025	
<b>Certificate No:</b> ATS-10-25-5155-25-8	<b>Work order &amp; Job No#:</b> ATS-10-25-5155	<b>Inspection Due Date:</b> 12-November-2026	
<b>Item Description:</b> <b>MANUAL PLATE GATE VALVE (65mm x 35MPa)</b>			
<b>Serial No#:</b> 23040340026			
<b>Relative Standards/Specifications:</b> ASTM E 797 & Client Specifications		<b>Material:</b> Carbon Steel	
<b>Surface Condition:</b> Brushed and Cleaned		<b>Surface Temperature:</b> 22 C°	
<b>Measuring Equipment</b>			
<b>UTM Instrument - Maker:</b> Sona Test	<b>Model:</b> Sonagage IV	<b>S. No.:</b> 05058473	<b>Calibration Date:</b> 05-June-2025
<b>Pit Depth Gauge - Maker:</b> New Tech	<b>Model:</b> NAA-4-M11118	<b>S. No.:</b> 97594	<b>Calibration Date:</b> 05-June-2025
		<b>Calibration Due Date:</b> 04-Dec-2025	<b>Calibration Due Date:</b> 04-Dec-2025

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	8.0	28.74	28.63	28.55	28.58	-
A2		8.0	28.83	28.74	28.63	28.47	-

**Result:**  
 1- UTM WAS CARRIED OUT ON THE ITEM AS MENTIONED EARLIER AND ALL ACTUAL WALL THICKNESS READINGS SHOULD BE REVISED ACCORDING TO CLIENT SPECIFICATIONS / OEM DOCUMENTS AT THE TIME OF INSPECTION:

<b>Inspector Name:</b>	Tayyab Abbasi	<b>Reviewed by:</b>	Hasan Omran	<b>Signature &amp; Stamp</b>
<b>Qualification:</b>	ASNT Level II	<b>Date:</b>	13-Nov-2025	
<b>Signature:</b>		<b>Signature:</b>		





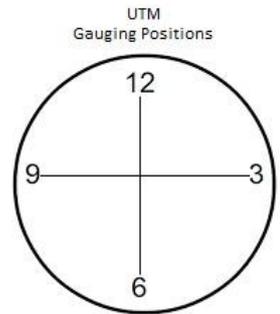
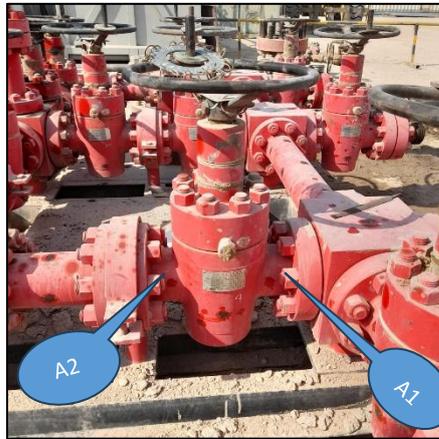
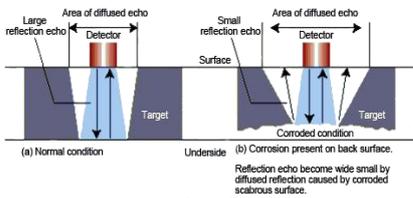
**ABERDEEN TECHNICAL SERVICES AND GENERAL TRANSPORTATION**

**ULTRASONIC THICKNESS MEASUREMENT (UTM) CERTIFICATE**



<b>Client:</b> Hilong Oil Services & Engineering	<b>Location:</b> Hilong Base / Aberdeen Yard	<b>Inspection Date:</b> 13-November-2025	
<b>Certificate No:</b> ATS-10-25-5155-25-9	<b>Work order &amp; Job No#:</b> ATS-10-25-5155	<b>Inspection Due Date:</b> 12-November-2026	
<b>Item Description:</b> <b>MANUAL PLATE GATE VALVE (65mm x 35MPa)</b>			
<b>Serial No#:</b> 23040340032			
<b>Relative Standards/Specifications:</b> ASTM E 797 & Client Specifications		<b>Material:</b> Carbon Steel	
<b>Surface Condition:</b> Brushed and Cleaned		<b>Surface Temperature:</b> 22 C°	
<b>Measuring Equipment</b>			
<b>UTM Instrument - Maker:</b> Sona Test	<b>Model:</b> Sonagage IV	<b>S. No.:</b> 05058473	<b>Calibration Date:</b> 05-June-2025
			<b>Calibration Due Date:</b> 04-Dec-2025
<b>Pit Depth Gauge - Maker:</b> New Tech	<b>Model:</b> NAA-4-M11118	<b>S. No.:</b> 97594	<b>Calibration Date:</b> 05-June-2025
			<b>Calibration Due Date:</b> 04-Dec-2025

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	8.0	28.80	28.43	28.65	28.78	-
A2		8.0	28.54	28.86	28.93	29.12	-

**Result:**  
 1- UTM WAS CARRIED OUT ON THE ITEM AS MENTIONED EARLIER AND ALL ACTUAL WALL THICKNESS READINGS SHOULD BE REVISED ACCORDING TO CLIENT SPECIFICATIONS / OEM DOCUMENTS AT THE TIME OF INSPECTION:

<b>Inspector Name:</b>	Tayyab Abbasi	<b>Reviewed by:</b>	Hasan Omran	<b>Signature &amp; Stamp</b>
<b>Qualification:</b>	ASNT Level II	<b>Date:</b>	13-Nov-2025	
<b>Signature:</b>		<b>Signature:</b>		





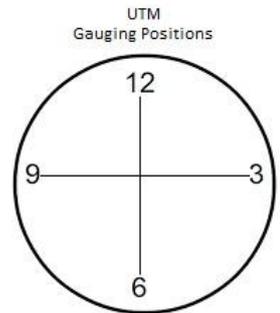
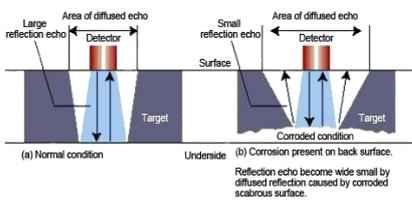
**ABERDEEN TECHNICAL SERVICES AND GENERAL TRANSPORTATION**

**ULTRASONIC THICKNESS MEASUREMENT (UTM) CERTIFICATE**



<b>Client:</b> Hilong Oil Services & Engineering	<b>Location:</b> Hilong Base / Aberdeen Yard	<b>Inspection Date:</b> 13-November-2025	
<b>Certificate No:</b> ATS-10-25-5155-25-10	<b>Work order &amp; Job No#:</b> ATS-10-25-5155	<b>Inspection Due Date:</b> 12-November-2026	
<b>Item Description:</b> <b>MANUAL PLATE GATE VALVE (65mm x 35MPa)</b>			
<b>Serial No#:</b> 23040340027			
<b>Relative Standards/Specifications:</b> ASTM E 797 & Client Specifications		<b>Material:</b> Carbon Steel	
<b>Surface Condition:</b> Brushed and Cleaned		<b>Surface Temperature:</b> 22 C°	
<b>Measuring Equipment</b>			
<b>UTM Instrument - Maker:</b> Sona Test	<b>Model:</b> Sonagage IV	<b>S. No.:</b> 05058473	<b>Calibration Date:</b> 05-June-2025
			<b>Calibration Due Date:</b> 04-Dec-2025
<b>Pit Depth Gauge - Maker:</b> New Tech	<b>Model:</b> NAA-4-M11118	<b>S. No.:</b> 97594	<b>Calibration Date:</b> 05-June-2025
			<b>Calibration Due Date:</b> 04-Dec-2025

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	8.0	28.54	28.58	28.68	28.41	-
A2		8.0	28.63	28.69	28.75	28.47	-

**Result:**

1- UTM WAS CARRIED OUT ON THE ITEM AS MENTIONED EARLIER AND ALL ACTUAL WALL THICKNESS READINGS SHOULD BE REVISED ACCORDING TO CLIENT SPECIFICATIONS / OEM DOCUMENTS AT THE TIME OF INSPECTION:

<b>Inspector Name:</b>	Tayyab Abbasi	<b>Reviewed by:</b>	Hasan Omran	<b>Signature &amp; Stamp</b>
<b>Qualification:</b>	ASNT Level II	<b>Date:</b>	13-Nov-2025	
<b>Signature:</b>		<b>Signature:</b>		





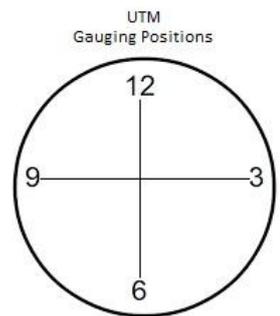
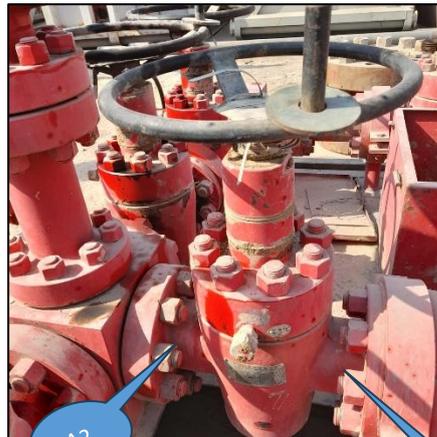
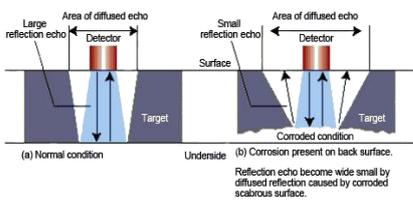
**ABERDEEN TECHNICAL SERVICES AND GENERAL TRANSPORTATION**

**ULTRASONIC THICKNESS MEASUREMENT (UTM) CERTIFICATE**



<b>Client:</b> Hilong Oil Services & Engineering	<b>Location:</b> Hilong Base / Aberdeen Yard	<b>Inspection Date:</b> 13-November-2025	
<b>Certificate No:</b> ATS-10-25-5155-25-11	<b>Work order &amp; Job No#:</b> ATS-10-25-5155	<b>Inspection Due Date:</b> 12-November-2026	
<b>Item Description:</b> <b>MANUAL PLATE GATE VALVE (65mm x 35MPa)</b>			
<b>Serial No#:</b> 23040340036			
<b>Relative Standards/Specifications:</b> ASTM E 797 & Client Specifications		<b>Material:</b> Carbon Steel	
<b>Surface Condition:</b> Brushed and Cleaned		<b>Surface Temperature:</b> 22 C°	
<b>Measuring Equipment</b>			
<b>UTM Instrument - Maker:</b> Sona Test	<b>Model:</b> Sonagage IV	<b>S. No.:</b> 05058473	<b>Calibration Date:</b> 05-June-2025
<b>Pit Depth Gauge - Maker:</b> New Tech	<b>Model:</b> NAA-4-M11118	<b>S. No.:</b> 97594	<b>Calibration Date:</b> 05-June-2025
		<b>Calibration Due Date:</b> 04-Dec-2025	<b>Calibration Due Date:</b> 04-Dec-2025

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	8.0	29.32	29.28	29.38	29.45	-
A2		8.0	29.42	29.39	29.45	29.49	-

**Result:**  
 1- UTM WAS CARRIED OUT ON THE ITEM AS MENTIONED EARLIER AND ALL ACTUAL WALL THICKNESS READINGS SHOULD BE REVISED ACCORDING TO CLIENT SPECIFICATIONS / OEM DOCUMENTS AT THE TIME OF INSPECTION:

<b>Inspector Name:</b>	Tayyab Abbasi	<b>Reviewed by:</b>	Hasan Omran	<b>Signature &amp; Stamp</b>
<b>Qualification:</b>	ASNT Level II	<b>Date:</b>	13-Nov-2025	
<b>Signature:</b>		<b>Signature:</b>		





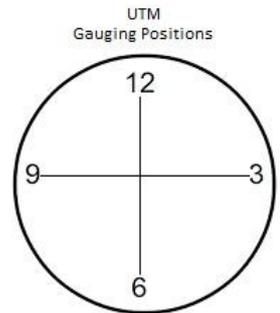
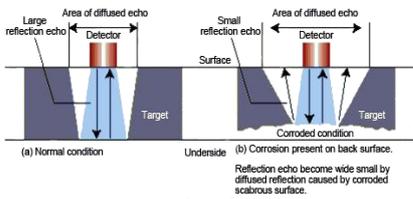
**ABERDEEN TECHNICAL SERVICES AND GENERAL TRANSPORTATION**

**ULTRASONIC THICKNESS MEASUREMENT (UTM) CERTIFICATE**



<b>Client:</b> Hilong Oil Services & Engineering	<b>Location:</b> Hilong Base / Aberdeen Yard	<b>Inspection Date:</b> 13-November-2025	
<b>Certificate No:</b> ATS-10-25-5155-25-12	<b>Work order &amp; Job No#:</b> ATS-10-25-5155	<b>Inspection Due Date:</b> 12-November-2026	
<b>Item Description:</b> <b>MANUAL PLATE GATE VALVE (52mm x 35MPa)</b>			
<b>Serial No#:</b> 23040344394			
<b>Relative Standards/Specifications:</b> ASTM E 797 & Client Specifications		<b>Material:</b> Carbon Steel	
<b>Surface Condition:</b> Brushed and Cleaned		<b>Surface Temperature:</b> 22 C°	
<b>Measuring Equipment</b>			
<b>UTM Instrument - Maker:</b> Sona Test	<b>Model:</b> Sonagage IV	<b>S. No.:</b> 05058473	<b>Calibration Date:</b> 05-June-2025
<b>Pit Depth Gauge - Maker:</b> New Tech	<b>Model:</b> NAA-4-M11118	<b>S. No.:</b> 97594	<b>Calibration Date:</b> 05-June-2025
		<b>Calibration Due Date:</b> 04-Dec-2025	<b>Calibration Due Date:</b> 04-Dec-2025

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	8.0	26.48	26.55	26.58	26.62	-
A2		8.0	26.58	26.72	26.80	26.85	-

**Result:**

1- UTM WAS CARRIED OUT ON THE ITEM AS MENTIONED EARLIER AND ALL ACTUAL WALL THICKNESS READINGS SHOULD BE REVISED ACCORDING TO CLIENT SPECIFICATIONS / OEM DOCUMENTS AT THE TIME OF INSPECTION:

<b>Inspector Name:</b>	Tayyab Abbasi	<b>Reviewed by:</b>	Hasan Omran	<b>Signature &amp; Stamp</b>
<b>Qualification:</b>	ASNT Level II	<b>Date:</b>	13-Nov-2025	
<b>Signature:</b>		<b>Signature:</b>		





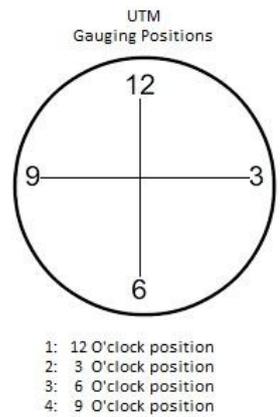
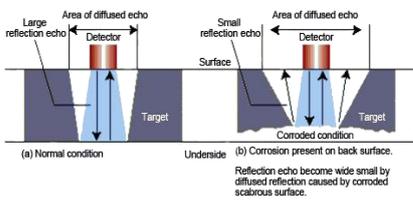
**ABERDEEN TECHNICAL SERVICES AND GENERAL TRANSPORTATION**

**ULTRASONIC THICKNESS MEASUREMENT (UTM) CERTIFICATE**



<b>Client:</b> Hilong Oil Services & Engineering	<b>Location:</b> Hilong Base / Aberdeen Yard	<b>Inspection Date:</b> 13-November-2025	
<b>Certificate No:</b> ATS-10-25-5155-25-13	<b>Work order &amp; Job No#:</b> ATS-10-25-5155	<b>Inspection Due Date:</b> 12-November-2026	
<b>Item Description:</b> <b>MANUAL PLATE GATE VALVE (52mm x 35MPa)</b>			
<b>Serial No#:</b> 23040344391			
<b>Relative Standards/Specifications:</b> ASTM E 797 & Client Specifications		<b>Material:</b> Carbon Steel	
<b>Surface Condition:</b> Brushed and Cleaned		<b>Surface Temperature:</b> 22 C°	
<b>Measuring Equipment</b>			
<b>UTM Instrument - Maker:</b> Sona Test	<b>Model:</b> Sonagage IV	<b>S. No.:</b> 05058473	<b>Calibration Date:</b> 05-June-2025
<b>Pit Depth Gauge - Maker:</b> New Tech	<b>Model:</b> NAA-4-M11118	<b>S. No.:</b> 97594	<b>Calibration Date:</b> 05-June-2025
		<b>Calibration Due Date:</b> 04-Dec-2025	<b>Calibration Due Date:</b> 04-Dec-2025

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	8.0	27.18	27.25	27.33	27.55	-
A2		8.0	26.86	26.95	26.90	26.92	-

**Result:**

1- UTM WAS CARRIED OUT ON THE ITEM AS MENTIONED EARLIER AND ALL ACTUAL WALL THICKNESS READINGS SHOULD BE REVISED ACCORDING TO CLIENT SPECIFICATIONS / OEM DOCUMENTS AT THE TIME OF INSPECTION:

<b>Inspector Name:</b>	Tayyab Abbasi	<b>Reviewed by:</b>	Hasan Omran	<b>Signature &amp; Stamp</b>
<b>Qualification:</b>	ASNT Level II	<b>Date:</b>	13-Nov-2025	
<b>Signature:</b>		<b>Signature:</b>		





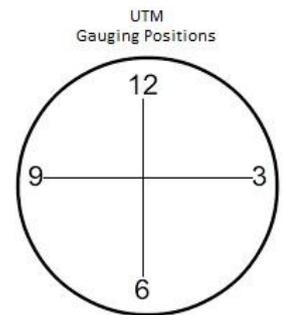
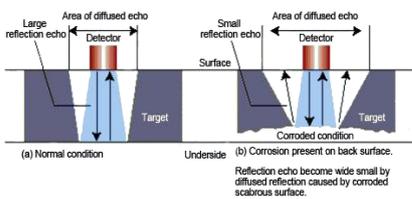
**ABERDEEN TECHNICAL SERVICES AND GENERAL TRANSPORTATION**

**ULTRASONIC THICKNESS MEASUREMENT (UTM) CERTIFICATE**



<b>Client:</b> Hilong Oil Services & Engineering	<b>Location:</b> Hilong Base / Aberdeen Yard	<b>Inspection Date:</b> 13-November-2025
<b>Certificate No:</b> ATS-10-25-5155-25-14	<b>Work order &amp; Job No#:</b> ATS-10-25-5155	<b>Inspection Due Date:</b> 12-November-2026
<b>Item Description:</b> <b>MANUAL PLATE GATE VALVE (52mm x 35MPa)</b>		
<b>Serial No#:</b> 22050160024		
<b>Relative Standards/Specifications:</b> ASTM E 797 & Client Specifications		<b>Material:</b> Carbon Steel
<b>Surface Condition:</b> Brushed and Cleaned		<b>Surface Temperature:</b> 22 C°
<b>Measuring Equipment</b>		
<b>UTM Instrument - Maker:</b> Sona Test	<b>Model:</b> Sonagage IV	<b>S. No.:</b> 05058473
		<b>Calibration Date:</b> 05-June-2025
		<b>Calibration Due Date:</b> 04-Dec-2025
<b>Pit Depth Gauge - Maker:</b> New Tech	<b>Model:</b> NAA-4-M11118	<b>S. No.:</b> 97594
		<b>Calibration Date:</b> 05-June-2025
		<b>Calibration Due Date:</b> 04-Dec-2025

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	8.0	26.78	26.85	26.95	26.73	-
A2		8.0	26.84	26.75	26.71	26.98	-

**Result:**  
 1- UTM WAS CARRIED OUT ON THE ITEM AS MENTIONED EARLIER AND ALL ACTUAL WALL THICKNESS READINGS SHOULD BE REVISED ACCORDING TO CLIENT SPECIFICATIONS / OEM DOCUMENTS AT THE TIME OF INSPECTION:

<b>Inspector Name:</b>	Tayyab Abbasi	<b>Reviewed by:</b>	Hasan Omran	<b>Signature &amp; Stamp</b> 
<b>Qualification:</b>	ASNT Level II	<b>Date:</b>	13-Nov-2025	
<b>Signature:</b>		<b>Signature:</b>		



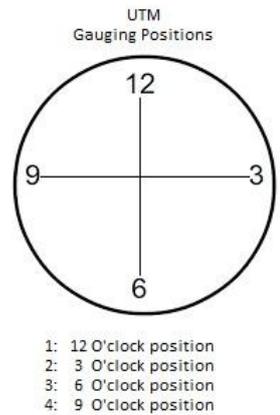
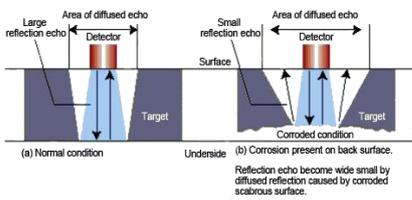
**ABERDEEN TECHNICAL SERVICES AND GENERAL TRANSPORTATION**

**ULTRASONIC THICKNESS MEASUREMENT (UTM) CERTIFICATE**



<b>Client:</b> Hilong Oil Services & Engineering	<b>Location:</b> Hilong Base / Aberdeen Yard	<b>Inspection Date:</b> 13-November-2025	
<b>Certificate No:</b> ATS-10-25-5155-25-15	<b>Work order &amp; Job No#:</b> ATS-10-25-5155	<b>Inspection Due Date:</b> 12-November-2026	
<b>Item Description:</b> CHOK MANIFOLD CONNECTING LINE			
<b>Serial No#:</b> 051			
<b>Relative Standards/Specifications:</b> ASTM E 797 & Client Specifications		<b>Material:</b> Carbon Steel	
<b>Surface Condition:</b> Brushed and Cleaned		<b>Surface Temperature:</b> 22 C°	
<b>Measuring Equipment</b>			
<b>UTM Instrument - Maker:</b> Sona Test	<b>Model:</b> Sonagage IV	<b>S. No.:</b> 05058473	<b>Calibration Date:</b> 05-June-2025
<b>Pit Depth Gauge - Maker:</b> New Tech	<b>Model:</b> NAA-4-M11118	<b>S. No.:</b> 97594	<b>Calibration Date:</b> 05-June-2025
		<b>Calibration Due Date:</b> 04-Dec-2025	<b>Calibration Due Date:</b> 04-Dec-2025

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	8.0	28.58	28.65	28.88	28.73	-

**Result:**

1- UTM WAS CARRIED OUT ON THE ITEM AS MENTIONED EARLIER AND ALL ACTUAL WALL THICKNESS READINGS SHOULD BE REVISED ACCORDING TO CLIENT SPECIFICATIONS / OEM DOCUMENTS AT THE TIME OF INSPECTION:

<b>Inspector Name:</b>	Tayyab Abbasi	<b>Reviewed by:</b>	Hasan Omran	<b>Signature &amp; Stamp</b>
<b>Qualification:</b>	ASNT Level II	<b>Date:</b>	13-Nov-2025	
<b>Signature:</b>		<b>Signature:</b>		





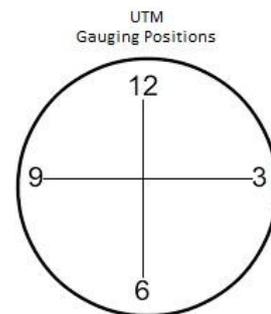
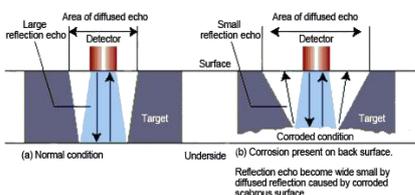
**ABERDEEN TECHNICAL SERVICES AND GENERAL TRANSPORTATION**

**ULTRASONIC THICKNESS MEASUREMENT (UTM) CERTIFICATE**



<b>Client:</b> Hilong Oil Services & Engineering	<b>Location:</b> Hilong Base / Aberdeen Yard	<b>Inspection Date:</b> 13-November-2025	
<b>Certificate No:</b> ATS-10-25-5155-25-16	<b>Work order &amp; Job No#:</b> ATS-10-25-5155	<b>Inspection Due Date:</b> 12-November-2026	
<b>Item Description:</b> CHOK MANIFOLD CONNECTING LINE			
<b>Serial No#:</b> 052			
<b>Relative Standards/Specifications:</b> ASTM E 797 & Client Specifications		<b>Material:</b> Carbon Steel	
<b>Surface Condition:</b> Brushed and Cleaned		<b>Surface Temperature:</b> 22 C°	
<b>Measuring Equipment</b>			
<b>UTM Instrument - Maker:</b> Sona Test	<b>Model:</b> Sonagage IV	<b>S. No.:</b> 05058473	<b>Calibration Date:</b> 05-June-2025
<b>Pit Depth Gauge - Maker:</b> New Tech	<b>Model:</b> NAA-4-M11118	<b>S. No.:</b> 97594	<b>Calibration Date:</b> 05-June-2025
		<b>Calibration Due Date:</b> 04-Dec-2025	<b>Calibration Due Date:</b> 04-Dec-2025

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	8.0	29.18	29.25	29.12	29.21	-
A2		8.0	28.78	28.85	28.62	28.55	-

**Result:**  
 1- UTM WAS CARRIED OUT ON THE ITEM AS MENTIONED EARLIER AND ALL ACTUAL WALL THICKNESS READINGS SHOULD BE REVISED ACCORDING TO CLIENT SPECIFICATIONS / OEM DOCUMENTS AT THE TIME OF INSPECTION:

<b>Inspector Name:</b>	Tayyab Abbasi	<b>Reviewed by:</b>	Hasan Omran	<b>Signature &amp; Stamp</b>
<b>Qualification:</b>	ASNT Level II	<b>Date:</b>	13-Nov-2025	
<b>Signature:</b>		<b>Signature:</b>		





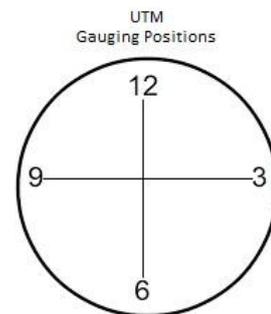
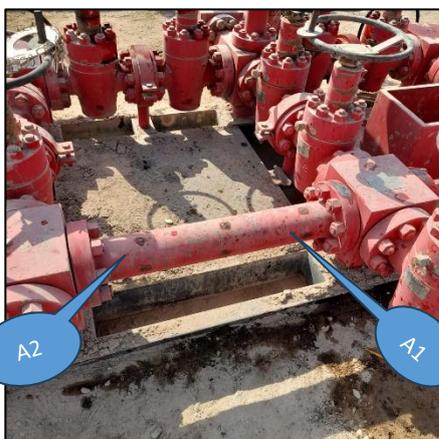
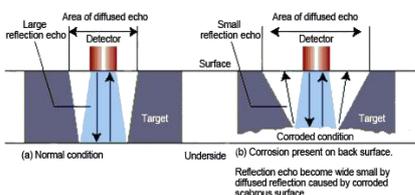
**ABERDEEN TECHNICAL SERVICES AND GENERAL TRANSPORTATION**

**ULTRASONIC THICKNESS MEASUREMENT (UTM) CERTIFICATE**



<b>Client:</b> Hilong Oil Services & Engineering	<b>Location:</b> Hilong Base / Aberdeen Yard	<b>Inspection Date:</b> 13-November-2025	
<b>Certificate No:</b> ATS-10-25-5155-25-17	<b>Work order &amp; Job No#:</b> ATS-10-25-5155	<b>Inspection Due Date:</b> 12-November-2026	
<b>Item Description:</b> CHOK MANIFOLD CONNECTING LINE			
<b>Serial No#:</b> 053			
<b>Relative Standards/Specifications:</b> ASTM E 797 & Client Specifications		<b>Material:</b> Carbon Steel	
<b>Surface Condition:</b> Brushed and Cleaned		<b>Surface Temperature:</b> 22 C°	
<b>Measuring Equipment</b>			
<b>UTM Instrument - Maker:</b> Sona Test	<b>Model:</b> Sonagage IV	<b>S. No.:</b> 05058473	<b>Calibration Date:</b> 05-June-2025
<b>Pit Depth Gauge - Maker:</b> New Tech	<b>Model:</b> NAA-4-M11118	<b>S. No.:</b> 97594	<b>Calibration Date:</b> 05-June-2025
		<b>Calibration Due Date:</b> 04-Dec-2025	<b>Calibration Due Date:</b> 04-Dec-2025

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	8.0	29.28	29.19	29.32	29.35	-
A2		8.0	28.96	29.10	28.88	29.12	-

**Result:**  
 1- UTM WAS CARRIED OUT ON THE ITEM AS MENTIONED EARLIER AND ALL ACTUAL WALL THICKNESS READINGS SHOULD BE REVISED ACCORDING TO CLIENT SPECIFICATIONS / OEM DOCUMENTS AT THE TIME OF INSPECTION:

<b>Inspector Name:</b>	Tayyab Abbasi	<b>Reviewed by:</b>	Hasan Omran	<b>Signature &amp; Stamp</b>
<b>Qualification:</b>	ASNT Level II	<b>Date:</b>	13-Nov-2025	
<b>Signature:</b>		<b>Signature:</b>		





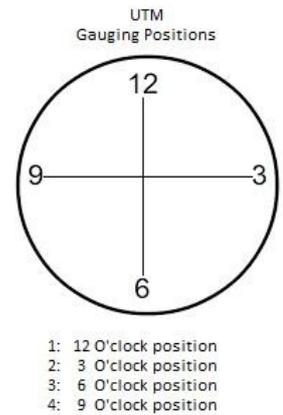
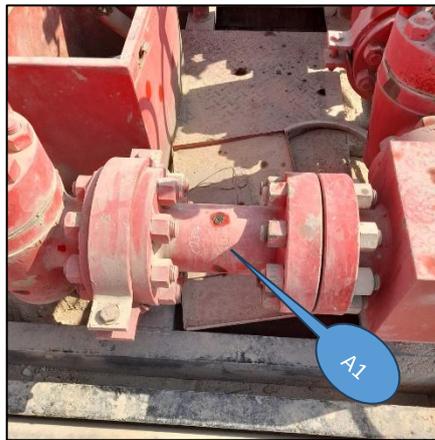
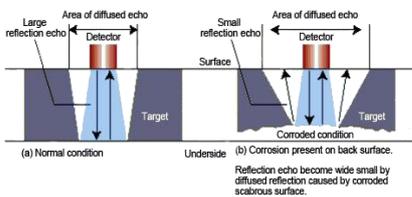
**ABERDEEN TECHNICAL SERVICES AND GENERAL TRANSPORTATION**

**ULTRASONIC THICKNESS MEASUREMENT (UTM) CERTIFICATE**



<b>Client:</b> Hilong Oil Services & Engineering	<b>Location:</b> Hilong Base / Aberdeen Yard	<b>Inspection Date:</b> 13-November-2025	
<b>Certificate No:</b> ATS-10-25-5155-25-18	<b>Work order &amp; Job No#:</b> ATS-10-25-5155	<b>Inspection Due Date:</b> 12-November-2026	
<b>Item Description:</b> CHOK MANIFOLD CONNECTING LINE			
<b>Serial No#:</b> 054			
<b>Relative Standards/Specifications:</b> ASTM E 797 & Client Specifications		<b>Material:</b> Carbon Steel	
<b>Surface Condition:</b> Brushed and Cleaned		<b>Surface Temperature:</b> 22 C°	
<b>Measuring Equipment</b>			
<b>UTM Instrument - Maker:</b> Sona Test	<b>Model:</b> Sonagage IV	<b>S. No.:</b> 05058473	<b>Calibration Date:</b> 05-June-2025
<b>Pit Depth Gauge - Maker:</b> New Tech	<b>Model:</b> NAA-4-M11118	<b>S. No.:</b> 97594	<b>Calibration Date:</b> 05-June-2025
		<b>Calibration Due Date:</b> 04-Dec-2025	<b>Calibration Due Date:</b> 04-Dec-2025

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	8.0	28.65	28.73	28.78	28.82	-

**Result:**  
 1- UTM WAS CARRIED OUT ON THE ITEM AS MENTIONED EARLIER AND ALL ACTUAL WALL THICKNESS READINGS SHOULD BE REVISED ACCORDING TO CLIENT SPECIFICATIONS / OEM DOCUMENTS AT THE TIME OF INSPECTION:

<b>Inspector Name:</b>	Tayyab Abbasi	<b>Reviewed by:</b>	Hasan Omran	<b>Signature &amp; Stamp</b> 
<b>Qualification:</b>	ASNT Level II	<b>Date:</b>	13-Nov-2025	
<b>Signature:</b>		<b>Signature:</b>		

