

**AI TAKAMUL COMPANY FOR ENGINEERING SERVICE**

**Quality Control - Iraq**

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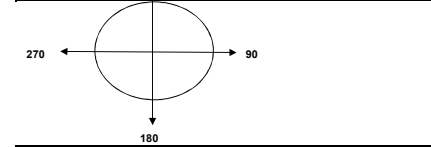
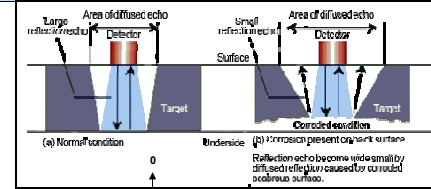
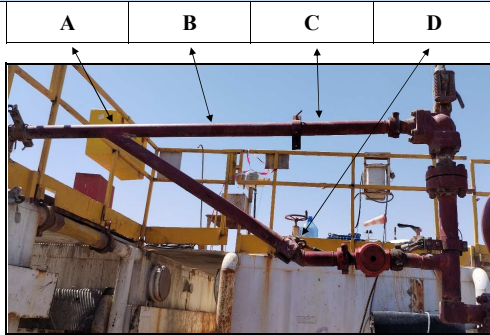


**CERTIFICATE FOR QUALIFICATION ULTRASONIC WALL THICKNESS MEASUREMENT**

THIS REPORT COMPLIES WITH RECOGNIZED INTERNATIONAL STANDARDS & TECHNICAL REQUIREMENTS

<b>CLIENT:</b>	Zhongman Petroleum Engineering Technology Service (Hong Kong) Co. Limited Iraq Branch:	<b>REPORT No:</b>	QC-ZPEC-05-24-0165-009
<b>RIG &amp; LOCATION:</b>	ZPEC 25 / AW 66	<b>JOB NO:</b>	QC-ZPEC-05-24-0165
<b>INSPECTION DATE:</b>	23-May-2024	<b>DUE DATE:</b>	AS PER CLIENT
<b>UNIT NAME:</b>	MUD PUMP ( 3 ) PRV BLEED OFF LINE	<b>MFG SERIAL NO:</b>	13262051
<b>DESCRIPTION:</b>	2" 1502 X 5K	<b>SPECIFICATION:</b>	ASTM E 797
<b>TYPE OF INSPECTION:</b>	<b>VISUAL INSPECTION AND ULTRASONIC WALL THICKNESS MEASUREMENT:</b>		

**INSPECTION DETAILS:**



A: 0° 12'O CLOCK / FORWARD;  
 B: 90° 3'O 90° CLOCK / CENTER;  
 C: 180° 6'O CLOCK / AFT;  
 D: 270° 9'O CLOCK / PORT;  
 \*\*\*ALL READINGS IN MM:  
 \*\*\*MINIMUM THICKNESS PROVIDED BY CLIENT:

ANGLE:	THICKNESS AT POSITION:					REMARKS
	A	B	C	D	MIN: THICKNESS	
0°	11.570	11.390	11.289	11.630	8 mm	ACCEPTED
90°	11.890	11.050	11.609	11.485	8 mm	ACCEPTED
180°	11.549	10.709	11.268	11.750	8 mm	ACCEPTED
270°	11.351	11.530	11.070	11.539	8 mm	ACCEPTED

**INSPECTION RESULT:**

<b>VT &amp; UT</b>	Accepted	***UT-The Above Item Was Found Acceptable As Per ASME SECTION V ARTICLE 5,10 & 27 Acceptance Criteria and ZPEC OEM Data Book...
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**Inspection Evaluation:**

As Per OEM, The Readings Were Found Under The Acceptance Criteria At The Time of Inspection.

**INSPECTION EQUIPMENT DETAILS:**

<b>Digital Lux Meter White Light:</b> 3375 lux:	2722003	<b>CAL DUE DATE:</b>	14-Oct-2024
<b>UT THICKNESS GAUGE:</b>	5500391	<b>CAL DUE DATE:</b>	14-Oct-2024
<b>UT TEST BLOCK:</b>	NoBo5088	<b>CAL DUE DATE:</b>	14-Oct-2024

**PERSON DETAILS:**

**REVIEW BY:**

**CLIENT:**

<b>INSPECTOR NAME:</b>	Syed Aamir Ali	<b>SENIOR INSPECTOR:</b>	NAVEED HUSSAIN	<b>CLIENT:</b>	ZPEC
<b>QUALIFICATION:</b>	ASNT LEVEL II VT,MT,PT,UT	<b>INSPECTION SUPERVISOR:</b>	RAO SUHAIL	<b>Online Traceability</b>	
<b>SIGNATURE &amp; STAMP:</b>					

