

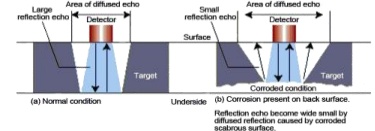
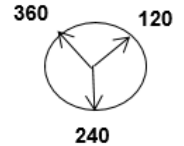
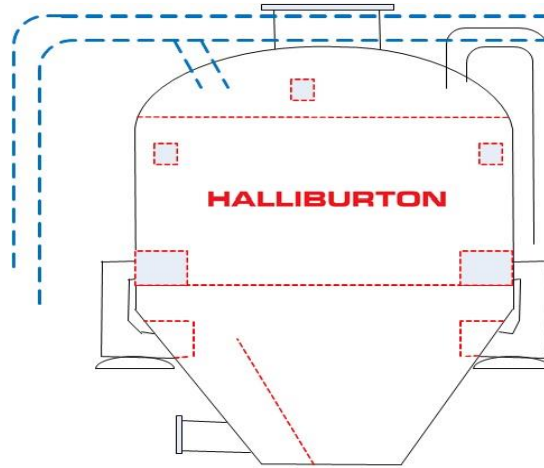
**CERTIFICATE OF QUALIFICATION VISUAL INSPECTION AND ULTRASONIC WALL THICKNESS MEASUREMENT**

THIS REPORT COMPLIES WITH RECOGNIZED INTERNATIONAL STANDARDS & TECHNICAL REQUIREMENTS

<b>CLIENT:</b>	<b>HALLIBURTON CEMENTING</b>	<b>REPORT No.:</b>	QC-23-HH-0777-03/02
<b>LOCATION:</b>	MAJNOON OIL FIELD( RIG HH-008)	<b>specification</b>	ST-GL-HAL-PSL-900 REV A & ST-GL-HAL-PSL-900 REV A
<b>WORK ORDER</b>	****	<b>EQUIPMENT TYPE</b>	1050 CU. FT.
<b>INSPECTION DATE:</b>	02,JULY,2023	<b>Inspection Due Date</b>	01,JULY,2028
<b>TYPE OF INSPECTION:</b>	<b>VISUAL INSPECTION AND ULTRASONIC WALL THICKNESS MEASUREMENT</b>		
<b>DESCRIPTION:</b>	<b>CEMENTING SILO</b>	<b>UNIT SAP NO:</b>	<b>10954521</b>
<b>MANUFACTURE</b>	<b>AL SHIRA WI EQ.CO</b>	<b>MANUFACTURE SERIAL NO:</b>	US 49
<b>ULTRASONIC THICKNESS GAUGE S.NO:</b>	5202746	<b>CALIBRATION DUE DATE:</b>	18-Aug-2023

**INSPECTION DETAILS**

TOP WALL THICKNESS	BODY WALL THICKNESS	BOTTOM WALL THICKNESS
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THICKNESS POINTS AREA	WALL THICKNESS RESULT			MINIMUM THICKNESS	REMARKS
	120°	240°	360°		
TOP	0.351	0.378	0.333	0.168 INCH	ACCEPTED
TOP	0.335	0.345	0.342	0.168 INCH	ACCEPTED
TOP	0.369	0.357	0.361	0.168 INCH	ACCEPTED
BOTTOM	0.324	0.329	0.333	0.225 INCH	ACCEPTED
BOTTOM	0.352	0.341	0.374	0.225 INCH	ACCEPTED
BOTTOM	0.321	0.327	0.318	0.225 INCH	ACCEPTED

THICKNESS POINTS AREA	WALL THICKNESS RESULT			NOMINAL THICKNESS	REMARKS
	120°	240°	360°		
SHELL	0.458	0.474	0.477	0.344 INCH	ACCEPTED
SHELL	0.469	0.446	0.452	0.344 INCH	ACCEPTED
SHELL	0.472	0.463	0.496	0.344 INCH	ACCEPTED
SHELL	0.461	0.478	0.435	0.344 INCH	ACCEPTED
VENT	0.327	0.351	0.359	0.311 INCH	ACCEPTED
DISCHARGE	0.339	0.325	0.310	0.289 INCH	ACCEPTED

**INSPECTION RESULT**

CEMETING BULK TANK WAS FOUND ACCEPTIBLE WALL THICKNESS AS PER MANUFACTURE ACCEPTANCE CRITERIA.

PERSON DETAILS		REVIEW BY		
<b>INSPECTOR NAME:</b>	M. Naqqash Ahmed	<b>SENIOR INSPECTOR:</b>	M.NAQQASH	<b>CLIENT:</b>
<b>QUALIFICATION:</b>	Quality Control	<b>INSPECTION SUPERVISOR:</b>	HANI ALI	<b>HB&amp;SIGN</b>
<b>SIGNATURE &amp; STAMP:</b>	[Signature and Stamp]			<b>DATE:</b>

