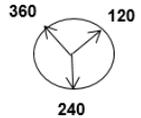


**CERTIFICATE OF QUALIFICATION VISUAL & MAGNETIC PARTICLE INSPECTION ULTRASONIC WALL THICKNESS MEASUREMENT**

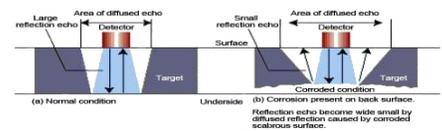
THIS REPORT COMPLIES WITH RECOGNIZED INTERNATIONAL STANDARDS & TECHNICAL REQUIREMENTS

CLIENT:	<b>HALLIBURTON</b>	REPORT NO :	HALL.25-AUG-NDT-HPS-013
LOCATION:	HPS (Burjesia Halliburton Camp)	SPECIFICATION:	ASTM E709 -21 & ASTM E797-21
INSPECTION DATE:	Friday, August 8, 2025	INSPECTION DUE DATE:	<b>Saturday, February 7, 2026</b>
TYPE OF INSPECTION:	<b>VISUAL INSPECTION AND MAGNETIC PARTICLE INSPECTION AND ULTRASONIC THICKNESS MEASUREMENT</b>		
DESCRIPTION:	AIR TANK	SERIAL NO:	CTU-07-T-03
UNIT NAME:	POWER PACK	UNIT NO:	12173665



\*\* ALL READINGS IN MM

\*\*MINIMUM THICKNESS PROVIDED BY CUSTMER



THICKNESS POINTS AREA	WALL THICKNESS RESULT			MINIMUM THICKNESS	REMARKS
	120°	240°	360°		
( LEFT SIDE HEAD A )	2.69	2.71	2.62	1.85 MM	ACCEPTED
( RIGHT SIDE HEAD B )	2.82	2.60	2.66		
(BODY C )	2.85	2.60	2.59		
(BODY D )	2.57	2.54	2.64		
(BODY E )	2.89	2.70	2.57		

**INSPECTION RESULT**

**MPI** -The Above Item Has No Significant Discontinuous At The Time Of Inspection And Found Acceptable According to ASTM E709-21

**U.T**-The Above Item Was Found Acceptable As Per ASTM E797-21

INSPECTION EQUIPMENT DETAILS				TECHNICAL DETAILS			
AC YOKE S.N:	201504052	CAL DUE DATE	07-OCT-2025	White Contrast WCP-2	MANUFACTURE	BATCH NO	EXPIRE DATE
Digital Lux Meter WHITE LIGHT	2722003	CAL DUE DATE	09-OCT-2025		Magnaflux	230408	APRIL,2026
UT THICKNESS GAUGE:	5500391	CAL DUE DATE	07-OCT-2025	Black Magnetic Ink 7HF	MANUFACTURE	BATCH NO	EXPIRE DATE
UT TEST BLOCK:	NoBo5087	CAL DUE DATE	08-OCT-2025		Magnaflux	230604	JUNE, 2026
ASTM Test Block:	1657	CAL DUE DATE	07-OCT-2025	Concentration Magnetic Ink 7HF	1.2 to 2.4 ml/100 ml		
WHITE LIGHT INTENSITY:	3570 lux						

PERSON DETAILS		REVIEW BY			
INSPECTOR NAME:	M. Shahzad Ahmed	SENIOR INSPECTOR:	NAVEED HUSSAIN	CLIENT:	
QUALIFICATION:	AI TAKAMUL COMPANY	INSPECTION SUPERVISOR:	HANI ALI	HB&SGN	
SIGNATURE & STAMP:				DATE:	