Al TAKAMUL COMPANY FOR ENGINEERING TESTS AND PROFESSIONAL SAFETY LIMITED
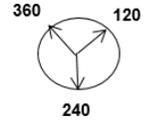
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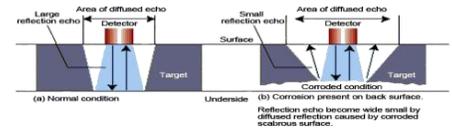
QUALITY CONTROL

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

THIS REPORT COMPLIES WITH RECOGNIZED INTERNATIONAL STANDARDS & TECHNICAL REQUIEREMENTS

CLIENT:	HALLIBURTON	REPORT NO :	HALL.25-AUG-NDT-HPS-015
LOCATION:	HPS (Burjesia Halliburton Camp)	SPECIFICATION:	ASTM E709 -21 & ASTM E797-21
INSPECTION DATE:	Friday, August 8, 2025	INSPECTION DUE DATE:	**Saturday, February 7, 2026**
TYPE OF INSPECTION:	VISUAL INSPECTION AND MAGNETIC PARTICLE INSPECTION AND ULTRASONIC THICKNESS MEASUREMENT		

DESCRIPTION:	AIR TANK	SERIAL NO:	CTU-07-T-05
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)	2.79	2.74	2.65	1.85 INCH	ACCEPTED
(RIGHT SIDE HEAD B)	2.85	2.70	2.69		
(BODY C)	2.71	2.63	2.74		
(BODY D)	2.67	2.68	2.67		

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:		INSPECTION SUPERVISOR:	HANI ALI	HB&SIGN	
SIGNATURE & STAMP:				DATE:	