

AI TAKAMUL COMPANY FOR ENGINEERING TESTS AND PROFESSIONAL SAFETY LIMITED

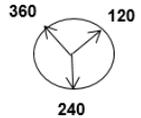
Basra, North Rumaila, Quality Control Yard - Iraq



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

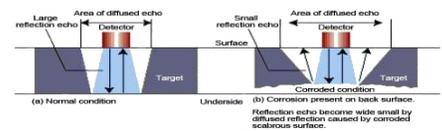
THIS REPORT COMPLIES WITH RECOGNIZED INTERNATIONAL STANDARDS & TECHNICAL REQUIREMENTS

CLIENT:	HALLIBURTON	REPORT NO :	HALL.25-AUG-NDT-HPS-012
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-02
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)	2.83	2.79	2.70	1.85 MM	ACCEPTED
(RIGHT SIDE HEAD B)	2.87	2.74	2.73		
(BODY C)	2.78	2.76	2.75		
(BODY D)	2.77	2.71	2.82		
(BODY E)	2.90	2.90	2.77		

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:	

