

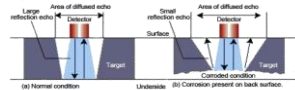
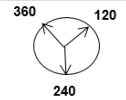
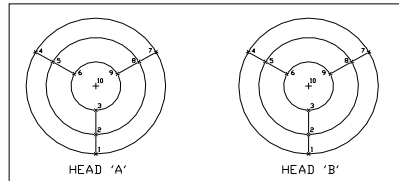
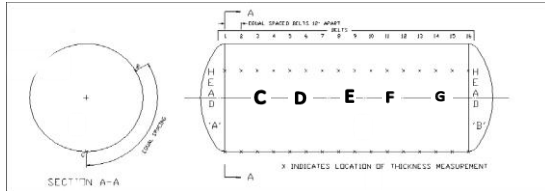
AI TAKAMUL COMPANY FOR ENGINEERING TESTS AND PROFESSIONAL SAFETY LIMITED
 Basra, North Rumaila, Quality Control Yard - Iraq



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

THIS REPORT COMPLIES WITH RECOGNIZED INTERNATIONAL STANDARDS & TECHNICAL REQUIREMENTS

CLIENT:	HALLIBURTON	REPORT #:	QC-25-09-TSS-NDT-197
LOCATION:	TSS WORKSHOP & INSPECTION TEST AREA	STANDARD:	ASTM E797 & ASTM E709
WO #	-	SPECIFICATION:	Halliburton Acceptance Criteria ST-GL-HAL-HSE-0422
INSPECTION DATE:	Thursday, September 19, 2024	INSPECTION DUE DATE:	Thursday, September 18, 2025
TYPE OF INSPECTION:	VISUAL AND MAGNETIC PARTICLE INSPECTION & ULTRASONIC WALL THICKNESS MEASUREMENT		
DESCRIPTION:	AIR COMPRESSOR TANK	SAP NO:	11613184
MANUFACTURER:	SPECIALIST SERVICES		



A:12'O CLOCK / FORWARD
 B:3'O CLOCK / CENTER
 C:6'O CLOCK / AFT

* ALL READINGS IN INCHES
 **MINIMUM THICKNESS PROVIDED BY CUSTMER

ANGLE	THICKNESS AT POSITION			MIN. THICKNESS	REMARKS
	120°	240°	360°		
(LEFT SIDE HEAD A1)	0.174	0.171	0.165	0.114 INCH	ACCEPTED
(LEFT SIDE HEAD A2)	0.169	0.160	0.167		
(RIGHT SIDE HEAD B1)	0.170	0.166	0.171		
(RIGHT SIDE HEAD B2)	0.174	0.169	0.168		
(BODY C)	0.182	0.177	0.174	0.135 INCH	ACCEPTED
(BODY D)	0.170	0.175	0.181		
(BODY E)	0.169	0.185	0.177		
(BODY F)	0.181	0.168	0.173		
(BODY G)	0.178	0.172	0.170		

INSPECTION RESULT

VT & MPI	Accepted	* According to ASTM E709
UT	Accepted	** According to OEM DOC: CSC-2015-PED-B18284-B18289-3000-12
Body	Accepted	*** These Are The Actual Readings Need To Follow The Manufacturer's Operating Instructions.

Inspection Evaluation

(MPI) The Above Item Has No Significant Discontinuous At The Time Of Inspection And Found Acceptable Accordance To ASTM E709

U.T-The Above Item Was Found Acceptable As Per Halliburton Acceptance Criteria OEM DOC: CSC-2015-PED-B18284-B18289-3000-12

INSPECTION EQUIPMENT DETAILS				TECHNICAL DETAILS			
AC YOKE S.N:	201504048	CAL DUE DATE	14-Oct-24	White Contrast WCP 2	MANUFACTURE	BATCH NO	EXPIRE DATE
Digital Lux Meter WHITE LIGHT	2722003	CAL DUE DATE	16-Oct-24	Magnaflux	220602	JUN 2025	
UT THICKNESS GAUGE:	3997	CAL DUE DATE	14-Oct-24	Black Magnetic Ink 7HF	MANUFACTURE	BATCH NO	EXPIRE DATE
UT TEST BLOCK:	NoBo5087	CAL DUE DATE	15-Oct-24	Magnaflux	220605	JULY 2025	
ASTM Test Block:	1657	CAL DUE DATE	14-Oct-24	Fluorescent Magnetic Ink 7HF	1.2 to 2.4 ml/100 ml		
WHITE LIGHT INTENSITY:	3490 lux						

PERSON DETAILS

REVIEW BY

INSPECTOR NAME:	M. SHAHZAD AHMED	SENIOR INSPECTOR:	NAVYED HUSSAIN	CLIENT:	
QUALIFICATION:	ASNT CP1, CP2, CP3, CP4, CP5, CP6, CP7, CP8, CP9, CP10, CP11, CP12, CP13, CP14, CP15, CP16, CP17, CP18, CP19, CP20, CP21, CP22, CP23, CP24, CP25, CP26, CP27, CP28, CP29, CP30, CP31, CP32, CP33, CP34, CP35, CP36, CP37, CP38, CP39, CP40, CP41, CP42, CP43, CP44, CP45, CP46, CP47, CP48, CP49, CP50, CP51, CP52, CP53, CP54, CP55, CP56, CP57, CP58, CP59, CP60, CP61, CP62, CP63, CP64, CP65, CP66, CP67, CP68, CP69, CP70, CP71, CP72, CP73, CP74, CP75, CP76, CP77, CP78, CP79, CP80, CP81, CP82, CP83, CP84, CP85, CP86, CP87, CP88, CP89, CP90, CP91, CP92, CP93, CP94, CP95, CP96, CP97, CP98, CP99, CP100	INSPECTION SUPERVISOR:	HANI ALI	DESIGN:	
SIGNATURE & STAMP:				DATE:	

