

AI TAKAMUL COMPANY FOR ENGINEERING TEST AND PROFESSIONAL SAFETY LIMITED

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INSPECTION CERTIFICATE FOR 7" DRILL TECH EQ#12451549/PART#655502 IRQ6D

Client Name:	HALLIBURTON (HCT)	Report No.:	HAL-25-09-HCT-340
Acceptance criteria:	DS-1 Volume 4 Fifth Edition	Date of Inspection:	08.SEP.2025
Refrance Standard HCT	MAN-GL-HAL-HCT-900 REV NO : 6.8 REV DATE : 22-JUL-2025	Next Inspection Date:	07.MAR.2026
Halliburton Doc. (Dimensional Procedure D00301932 Revision M)		Halliburton Doc. (Visual Procedure D00305796 Revision Z)	
Halliburton Doc. (MPI Procedure D00976850 Revision E)			
TEST EQUIPMENT & CONSUMABLE DETAILS			
WHITE CONTRAST WCP-2	Batch #: 230408 Manufacture: Magnaflux Exp Date: APRIL,2026	TECHNICAL DETAILS	Wet Visible Continuous
BLACK INK 7HF	Batch#: 230604 Manufacture: Magnaflux Exp Date: JUNE,2026	COIL(1200 AMP-TURNS/IN	SR#22650 Cal.09.APR.2025 Cal Due 08.OCT.2025
FLUORESCENT 14HF	Batch #: 230503 Manufacture: Magnaflux Exp Date: MAY,2026	A.C HAND YOKE	SR#201504052 Cal.08.APR.2025 Cal Due 07.OCT.2025
INTENSITY METER	SR# 2722003 Cal.10.APR.2025 Cal Due 09.OCT.2025	UV BLACK LIGHT	SR#87521 Cal.10.APR.2025 Cal Due 09.OCT.2025
LEAD GAGE	SR#AH07KF0027 GAEMAKER LG-5003 Cal.09.APR.2025 Cal Due 08.OCT.2025	THREAD PROFILE GAGE	SR#21336 Cal.09.APR.2025 Cal Due 08.OCT.2025 SR#21335 Cal.09.APR.2025 Cal Due 08.OCT.2025
Magnetic Partical Concentration 7 HF	1.2 TO 2.4 ML/100 ML	UV LIGHT INTENSITY:	3160 µw/cm ²
Magnetic particle concentration flourcent 14 HF	0.1 TO 0.4 ML/100 ML	WMPT Light Intensity:	3680 Lux
MAGNITISUM DIRECTION (LONGITUDENAL)			
METHODOLOGY:	<ul style="list-style-type: none"> • Through Visual inspection • Dimensional 3 Inspection 		
		•MPI inspection with Ultraviolet light	

Serial No.	Description	Connection		Result Inspection			Dimensional 3 Inspection														
		Pin	Box	Pin	Box	Body	Pin						Box					Body			
							OD(In)	ID(In)	SRG ϕ(In)	SRG ϖ(In)	Pin λ(In)	Bevel ϕ(In)	OD(In)	CB ϕ(In)	CB δ(In)	BB ϕ(In)	BB λ (In)	Bevel ϕ(In)	Pin Tong λ(In)	Box Fishing Neck λ (In)	Overall λ (In)
12451549, IRQ6D	7" Drill Tech	3 1/2 IF	3 1/2 IF	Acc.	Acc.	Acc.	4 3/4	2 9/16"	3 1/2"	3/4"	3 15/16"	4 5/8"	4 3/4"	4 1/16"	5/8"	3 31/64"	7 1/2"	4 5/8"	17 1/8"	20 1/2"	70 1/8"



Conclusion: ■ 7" Drill Tech was found "Acceptable" At time of Inspection Ready For Use.

Abbreviations :

OD Outside Diameter	ID Inside Diameter	SRG Stress Relief Groove	CB Counter Bore	BB Bore Back	FB Float Bore
ϕ Diameter	λ Length	ϖ Width	δ Depth	NP. Not Present	NA. Not Applicable
EGR Elevator Groove Recess	SGR Slip Groove Recess	CR Crack	B Bent	PC Premium Class	RF Reface
GT Galled Thread	TP Thread Pitting	SP Seal Pitting	TD Thread Damage	SD Seal Damage	M Mashed
1 100 % Coating	2 99-71 % Coating	3 70-40 % Coating	4 Up to 40 %	5 Nil	WT Wall Thickness
Colors Code:					
White	No Defects	Red	Blue	Green	Yellow
		Crack or Extreme Damage.	Damage	Seal Damage	ACFM

Inspector	M. Shahzad Ahmed	Review By			
Qualification:		Senior Inspector:	NAVEED HUSSAIN	Supervisor:	Hani Ali
Signature:					Customer Name:
					Customer Signature:

Original - Client Files Copy - Area Office QC/FN/FLS/03 Rev.00 Dated: 07 Nov 2021

