



INSPECTION CERTIFICATE FOR STIFF JOINT

Client Name:	HALLIBURTON (TSS)	Report No.:	HAL-24-09-NDT-TSS-040
Acceptance criteria.	DS-1 Volume 4 Fifth Edition	Date of Inspection:	03.SEP.2024
Refrance Standard TSS	ST-GL-HAL-TT-510 REV NO 5.1	Next Inspection Date:	02-MAR-2025
TEST EQUIPMENT & CONSUMABLE DETAILS			
WHITE CONTRAST WCP-2	Batch #: 220602 Manufacture: Magnaflux Exp Date: JUN,2025	TECHNICAL DETAILS	Wet Visible Continuous
BLACK INK 7HF	Batch#.220605 Manufacture: Magnaflux Exp Date: JULY.2025	COIL(1200 AMP-TURNS/IN	SR#22650 Cal.16.APR.2024 Cal Due 15.OCT.2024
FLUORESCENT 14HF	Batch #: 220306 Manufacture: Magnaflux Exp Date: March.2025	A.C HAND YOKE	SR#201504052 Cal.15.APR.2024 Cal Due 14.OCT.2024
INTENSITY METER	SR#R.043943 Cal.17.APR.2024 Cal Due 16.OCT.2024	UV BLACK LIGHT	SR#1898977 Cal.15.APR.2024 Cal Due 14.OCT.2024
LEAD GAGE	SR#AH07KF0027 GAEMAKER LG-5003 Cal.17.APR.2024 Cal Due 16.OCT.2024	THREAD PROFILE GAGE	SR#21336 CAL.Date.17.APR.2024 Cal Due 16.OCT.2024 SR#21335 CAL.Date.17.APR.2024 Cal Due 16.OCT.2024
Magnetic Partical Concentration 7 HF	1.2 TO 2.4 ML/100 ML	UV LIGHT INTENSITY:	3038 $\mu\text{w}/\text{cm}^2$
Magnetic particle concentration flourcent 14 HF	0.1 TO 0.4 ML/100 ML	WMPT Light Intensity:	3640 Lux
MAGNITISUM DIRECTION (LONGITUDENAL)			
METHODOLOGY:	<ul style="list-style-type: none"> • Through Visual inspection • Dimensional Inspection • MPI inspection with Ultraviolet light 		

Serial No.	Description	Connections		Result of Inspection			Dimensional 3 Inspection													
		Pin	Box	Pin	Box	Body	Pin				Box				Body					
							OD (In)	ID (In)	Neck ϖ (In)	Pin λ (In)	Bevel ϕ (In)	OD (In)	CB ϕ (In)	CB δ (In)	BB ϕ (In)	BB δ (In)	Bevel ϕ (In)	Pin Tong λ (In)	Box Tong λ (In)	Overal (In)
TSS-119	STIFF JOINT	5 1/2 ACME	5 1/2 ACME	Acc.	Acc.	Acc.	7 1/2"	2 13/16"	-	-	7 13/32"	7 1/2"	-	-	-	-	7 13/32"	7 7/8"	13 3/8"	54 3/4"



Conclusion : ■ 01 STIFF JOINT 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 Crack or Extreme Damage.	Blue Damage	Green Seal Damage	Yellow ACFM

Inspector	M. Shanzad Ahmed	Review By			
Qualification:	ASNT Level II (MT, PT, UT)	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

