



## INSPECTION CERTIFICATE FOR STIFF JOINT

Client Name:	<b>HALLIBURTON (TSS)</b>	Report No.:	HAL-25-03-NDT-TSS-019
Acceptance criteria.	DS-1 Volume 4 Fifth Edition	Date of Inspection:	16.MAR.2025
Refrance Standard TSS	ST-GL-HAL-TT-510 REV NO 5.1	Next Inspection Date:	<b>15-SEP-2025</b>
<b>TEST EQUIPMENT &amp; CONSUMABLE DETAILS</b>			
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.13.OCT.2024 Cal Due 12.APR.2025
FLUORESCENT 14HF	Batch #: 230503 Manufacture: Magnaflux Exp Date: MAY.2026	A.C HAND YOKE	SR#201504052 Cal.12.OCT.2024 Cal Due 11.APR.2025
INTENSITY METER	SR#R.043943 Cal.14.OCT.2024 Cal Due 13.APR.2025	UV BLACK LIGHT	SR#1898977 Cal.12.OCT.2024 Cal Due 11.APR.2025
Magnetic Partical Concentration 7 HF	1.2 TO 2.4 ML/100 ML	UV LIGHT INTENSITY:	3120 μw/cm <sup>2</sup>
Magnetic particle concentration flourcent 14 HF	0.1 TO 0.4 ML/100 ML	WMPT Light Intensity:	3650 Lux
<b>MAGNITISUM DIRECTION (LONGITUDENAL)</b>			
METHODOLOGY:	<ul style="list-style-type: none"> <li>• Through Visual inspection</li> <li>• Dimensional Inspection</li> <li>•MPI inspection with Ultraviolet light</li> </ul>		

Serial No.	Description	Connections		Result of Inspection			Dimensional 3 Inspection													
		Pin	Box	Pin	Box	Body	Pin					Box					Body			
							OD (In)	ID (In)	Neck $\varpi$ (In)	Pin $\lambda$ (In)	Bevel $\phi$ (In)	OD (In)	CB $\phi$ (In)	CB $\delta$ (In)	BB $\phi$ (In)	BB $\delta$ (In)	Bevel $\phi$ (In)	Pin Tong $\lambda$ (In)	Box Tong $\lambda$ (In)	Overall (In)
107500-2	STIFF JOINT	5 1/2 ACME	5 1/2 ACME	Acc.	Acc.	Acc.	7 1/2"	3 1/16"	-	-	7 13/32"	7 1/2"	-	-	-	7 13/32"	-	-	-	39"



**Conclusion :** ■ 01 STIFF JOINT was found "Acceptable". At time of Inspection Ready For Use.

**Abbreviations :**

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

<b>Inspector</b>	M. Shanzad Ahmed	<b>Review By</b>					
<b>Qualification:</b>	ASNT Level II (MT, PT)	<b>Senior Inspector:</b>	Naveed Hussain	<b>Supervisor:</b>	Hani Ali	<b>Customer Name:</b>	
<b>Signature:</b>						<b>Customer Signature:</b>	

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

