



## DEFECTED INSPECTION CERTIFICATE FOR 5" PUP JOINT

Client Name:	<b>HALLIBURTON (HCT)</b>	Report No.:	HAL-24-06-MS-HCT-2277
Acceptance criteria.	DS-1 Volume 4 Fifth Edition	Date of Inspection:	17.AUG.2024
Refrance Standard HCT	MAN-GL-HAL-HCT-900 REV NO.6.6	Next Inspection Date:	<b>AFTER REPAIR</b>
Halliburton Doc. (Dimensional Procedure D00301932 Revision <b>M</b> )		Halliburton Doc. (Visual Procedure D00305796 Revision <b>W</b> )	
Halliburton Doc. (MPI Procedure D00976850 Revision <b>D</b> )			

### 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:	3260 μw/cm <sup>2</sup>
Magnetic particle concentration flourcent 14 HF	0.1 TO 0.4 ML/100 ML	WMPT Light Intensity:	3520 Lux

### MAGNITISUM DIRECTION (LONGITUDENAL)

METHODOLOGY:	<ul style="list-style-type: none"> <li>Through Visual inspection</li> <li>Dimensional Inspection</li> </ul>	<ul style="list-style-type: none"> <li>MPI inspection with Ultraviolet light</li> </ul>
--------------	---	---

Serial No.	Description	Connection		Result Inspection			Dimensional Inspection													
		Pin	Box	Pin	Box	Body	Pin					Box					Body			
							OD(In)	ID(In)	Neck ϕ(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 T λ(In)	Box T λ(In)	Overall λ (In)
(60953) HCT-PJ-11	5" PUP JOINT	4 1/2 IF	4 1/2 IF	Acc.	SD TD	Acc.	7"	3 3/4"	12/32"	4 1/2"	6 2/32"	7"	5 10/32"	5/8"	-	-	6 2/32"	8 3/8"	10 1/2"	119 1/4"



**Conclusion:** ■ 01 PUP JOINT was found "UnAcceptable". Seal & Thread Damage From Box Connection Rejected

**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>		<span style="background-color: white; border: 1px solid black; padding: 2px;">White</span> No Defects	<span style="background-color: red; color: white; border: 1px solid black; padding: 2px;">Red</span> Crack or Extreme Damage.	<span style="background-color: blue; color: white; border: 1px solid black; padding: 2px;">Blue</span> Damage	<span style="background-color: green; color: white; border: 1px solid black; padding: 2px;">Green</span> Seal Damage	<span style="background-color: yellow; border: 1px solid black; padding: 2px;">Yellow</span> ACFM

<b>Inspector</b>	M.Shahzad Ahmed	<b>Review By</b>			
<b>Qualification:</b>		<b>Senior Inspector:</b>	NAVEED HUSSAIN	<b>Supervisor:</b>	Hani Ali
<b>Signature:</b>		<b>Customer Name:</b>	<b>Customer Signature:</b>		
Original - Client Files		Copy - Area Office		QC/FN/FLS/03 Rev.00	Dated: 07 Nov 2021

