

9 1/2" STEERING HEAD COLLAR INSPECTION CERTIFICATE

Client Name:	SPERRY DRILLING	Report No.:	HAL-TUB-24-DPI-NDT-2123
Acceptance criteria:	DS-1 Volume 4- 5th Edition (Class A1)	Date of Inspection:	01.DEC.2024
Halliburton Doc.	D01860184 (Revision L)	Halliburton WORK ORDER	327358550 (IC9066)
Work Location:	Burjesia Halliburton Camp Basra – Iraq	Halliburton Doc. (Visual Procedure D00305796 Revision X)	
Halliburton Doc. (Dimensional Procedure D00301932 Revision M)		Halliburton Doc. (LPI Procedure D00976849 Revision F)	

TEST EQUIPMENT & CONSUMABLE DETAILS

PENETRANT SKL-WP2	Batch #:220511 Exp: May,2025 Manufacture: Magnaflux	DEVELOPER SKD-S2	Batch #:220302 Exp. March,2025 Manufacture: Magnaflux
TECHNICAL DETAILS	TECHNIQUE 2 - TYPE II VISIBLE, METHOD 'A' WATER – WASHABLE		
LEAD GAGE	SR#AH07KF0027 GAEMAKER LG-5003 CAL.Date 14.OCT.2024 Cal Due 13.APR.2025	THREAD PROFILE GAGE	SR#21336 CAL.Date 14.OCT.2024 Cal Due 13.APR.2025 SR#21335 CAL.Date 14.OCT.2024 Cal Due 13.APR.2025
PENETRANT DWELL TIME:	30 Minutes	DEVELOPER DWELL TIME:	15 Minutes
Test Part Temperature:	98 °F	White Light Intensity:	3630 lux
INFRARED THERMOMETER	201704125	CAL DUE DATE.	13.APR.2025
Digital Lux Meter	2722003	CAL DUE DATE.	13.APR.2025
WATER PRESSURE	30 PSI	COMPARATOR BLOCK	SR#11223 CAL.Date 14.OCT.2024 Cal Due 13.APR.2025
METHODOLOGY:	• Through Visual inspection • Dimensional 3 • Dye Penetrant Inspection		

Serial No.	Description	Connection		Result Inspection			Dimensional 3 Inspection										
		Box	Box	Box	Box	Body	Box				Box						Body
							OD(In)	CB ϕ(In)	CB δ(In)	Bevel ϕ(In)	OD(In)	CB ϕ(In)	CB δ(In)	BB ϕ(In)	BB δ(In)	Bevel ϕ(In)	
14008921	9 ½” STEERING HEAD COLLAR	8 5/8 REG	7 5/8 REG	Acc.	Acc.	Acc.	9 9/16”	8- 2/32”	5/8”	9-1/8”	9 9/16	7- 2/32”	5/8”	...	...	8 ½	63 1/2”
																	
Conclusion:	*9 ½ " STEERING HEAD COLLAR Was Found “Acceptable” at Time of Inspection Ready For Use. NOTE: CW’ Markings On Both Connection,																

OD	Outside Diameter	ID	Inside Diameter	SRG	Stress Relief Groove	CB	Counter Bore	BB	Bore Back	FB	Float Bore
φ	Diameter	λ	Length	σ	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 Name: M. SHAHZAD		Review By				
Qualification: ASNT Level 2	Senior Inspector:	Naveed Hussain	Supervisor:	Hani Ali	Customer Name:	
Signature:					Customer Signature:	
Original - Client Files Copy - Area Office OC/FN/IC/008 Rev.00 Dated 07 NOV 2021						

