

**CERTIFICATION OF VISUAL THOROUGH EXAMINATION & DYE PENETRANT INSPECTION**

Customer:	Halliburton Sperry drilling		Date Of Service :	Wednesday, July 23, 2025	
Work Location:	Burjesia Halliburton Base Basra - IRAQ		Report No:	QC-25-HAL-SP-BJS-DPI-NDT-BULID-049	
Acceptance Creater :	DS-1 Volume 4- 5th Edition		Work Order.:	327784077	
HAL DOCUMENTS.:	D01860184 Rev N (Visual Procedure D00305796 Revision Z) (LPI Procedure D00976849 Revision F)		8" STEERING HEAD :	13024634	
TYPE OF INSPECTION	VISUAL , THOROUGH EXAMINATION & DYE PENETRANT INSPECTION (DPI)				
DESCRIPTION:	8" PAD PDC				
STEERING HEAD PARTICLES IMAGES					
<b>TECHNICAL DETAILS</b>					
<b>TECHNIQUE 2 - TYPE II VISIBLE, METHOD 'A' WATER -WASHABLE</b>					
PENETRANT DWELL TIME:	30 minutes		DEVELOPER DWELL TIME:	15 minutes	
Test Part Temperature:	82 °F		WHITE LIGHT INTENSITY:	3620 LUX	
<b>Test Equipment &amp; Consumable Details</b>					
COMPARATOR BLOCK	SR#11223 CAL.Date 09.APT.2025 Cal Due 08.OCT.2025		Digital Lux Meter	SR#2722003 CAL.Date 09.APT.2025 Cal Due 08.OCT.2025	
INFRARED THERMOMETER	SR#201704125 CAL.Date 09.APT.2025 Cal Due 08.OCT.2025		PRESSURE GAUGE WATER PRESSURE	SR# SSR25 Cal Due 07.OCT.2025	
Red Penetrant Manufacture:	Magnaflux		Batch No: 230606	EXPIRE DATE :FEB,2026	
Developer Manufacture:	Magnaflux		Batch No: 230608	EXPIRE DATE :June,2026	
Serial Number	14131772	STEERING PAD	PAD HOUSING	Serial Number	13326334
Serial Number	14060839			Serial Number	13338655
Serial Number	14094136			Serial Number	13518310
CONDITION	Acceptable			CONDITION	Acceptable
Serial Number	14001127	BORE	PISTON PAD	Serial Number	4517534752-1-190
Serial Number	13974824			Serial Number	4517534752-1-147
Serial Number	14159638			Serial Number	4517534752-1-8
CONDITION	Acceptable			CONDITION	Acceptable
Serial Number Upper lateral pad	4514204137-2-1	LATERAL PAD	STEERING PAD BOLT	Serial Number	13689693
Serial Number	4514451798-2-2			Serial Number	13689674
Serial Number	4514204137-2-5			Serial Number	13269196
Serial Number Lower lateral pad	4514309939-2-37			Serial Number	13689678
Serial Number	4514451788-1-2			Serial Number	13689684
Serial Number	4514384095-3-8			Serial Number	13689610
CONDITION	Acceptable	CONDITION	Acceptable		
Serial Number	103211010-1	SEAL GLAND	<a href="#">ONLINE TRACEABILITY</a>		
Serial Number	103211010-2				
Serial Number	103211010-3				
CONDITION	Acceptable				
REMARKS:.	All Parts Mentioned above were found "Acceptable" At time of Inspection.				
Inspector Name:	M.Shahzad Ahmed		Review By		
Qualification:	ASNT Level II		Senior Inspector:	Naveed Hussain	Supervisor:
Signature:			Hani Ali		Customer Name Signature:
Original - Client Files		Copy - Area Office		QC/FN/DPI/NDT/022	Rev.00 Dated: 07 Nov 2021