

CERTIFICATION OF VISUAL THOROUGH EXAMINATION & DYE PENETRANT INSPECTION

Customer:	HALLIBURTON SPERRY DRILLING	Date Of Service :	Saturday, April 12, 2025
Work Location:	Burjesia Halliburton Base Basra - IRAQ	Report No:	QC-25-HAL-SP-BJS-DPI-NDT-BULID-023
Acceptance Creater :	DS-1 Volume 4- 5th Edition	Work Order.:	327457091
HAL DOCUMENTS .:	D01860184 Rev L (Visual Procedure D00305796 Revision Z) (LPI Procedure D00976849 Revision F)	6 3/4" STEERING HEAD :	13486418
TYPE OF INSPECTION	VISUAL , THOROUGH EXAMINATION & DYE PENETRANT INSPECTION (DPI)		
DESCRIPTION:	6-3/4" PAD PDC		
STEERING HEAD PARTICLES IMAGES			

TECHNICAL DETAILS

TECHNIQUE 2 - TYPE II VISIBLE, METHOD 'A' WATER -WASHABLE

PENETRANT DWELL TIME:	30 minutes	DEVELOPER DWELL TIME:	15 minutes
Test Part Temperature:	98 °F	WHITE LIGHT INTENSITY:	3625 LUX

Test Equipment & Consumable Details

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	SR# SSR825 Cal Due 07.OCT.2025
Red Penetrant Manufacture:	Magnaflux	WATER PRESSURE 30 PSI	EXPIRE DATE :FEB,2026
Developer Manufacture:	Magnaflux	Batch No: Z30606	EXPIRE DATE :June,2026

Serial Number	13255943	STEERING PAD	PAD HOUSING	Serial Number	4513624275-1-84
Serial Number	13255942			Serial Number	4513624275-1-77
Serial Number	13255925			Serial Number	13306349
CONDITION	ACCEPTABLE			CONDITION	ACCEPTABLE

Serial Number	13881067	BORE	PISTON PAD	Serial Number	4513606643-1-177
Serial Number	13881121			Serial Number	4513606643-1-165
Serial Number	13917177			Serial Number	4514164679-1-115
CONDITION	ACCEPTABLE			CONDITION	ACCEPTABLE

Upper lateral pad Serial Number	4514095760-2-48	LATERAL PAD	STEERING PAD BOLT	Serial Number	13212595
Serial Number	4513611253-1-118			Serial Number	4513605945-03-49
Serial Number	4513410774-2-16			Serial Number	13266196
Lower lateral pad Serial Number	4514095760-1-7			Serial Number	4513417857-01-153
Serial Number	4514095760-1-3			Serial Number	13289399
Serial Number	4514095760-196			Serial Number	13266092
CONDITION	ACCEPTABLE			CONDITION	ACCEPTABLE

Serial Number	4514402900-1-23	SEAL GLAND	ONLINE TRACEABILITY
Serial Number	4514402900-1-29		
Serial Number	4514402900-1-19		
CONDITION	ACCEPTABLE		

REMARKS.: All Parts Mentioned above were found "Acceptable" At time of Inspection & Ready to Use,

Inspector Name:	M.Shahzad Ahmed	Review By			
Qualification:	ASNT Level 2	Senior Inspector:	Naveed Hussain	Supervisor:	Hani Ali
Signature:		Customer Name Signature:			