

CERTIFICATION OF VISUAL THOROUGH EXAMINATION & DYE PENETRANT INSPECTION

Customer:	HALLIBURTON SPERRY DRILLING	Date Of Service :	Sunday, May 25, 2025
Work Location:	Burjesia Halliburton Base Basra - IRAQ	Report No:	QC-25-HAL-SP-BJS-DPI-NDT-BULID-024
Acceptance Creater :	DS-1 Volume 4- 5th Edition	Work Order:	327927879
HAL DOCUMENTS :	D01860184 Rev L (Visual Procedure D00305796 Revision Z) (LPI Procedure D00976849 Revision F)	6 3/4" STEERING HEAD :	13483844
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	13748252	STEERING PAD	PAD HOUSING	Serial Number	13306346
Serial Number	13748246			Serial Number	13306356
Serial Number	13748255			Serial Number	4513624275-1-85
CONDITION	ACCEPTABLE			CONDITION	ACCEPTABLE

Serial Number	14128534	BORE	PISTON PAD	Serial Number	4516085666-3-8
Serial Number	14128532			Serial Number	4517338193-1-6
Serial Number	13936407			Serial Number	4517338193-1-19
CONDITION	ACCEPTABLE			CONDITION	ACCEPTABLE

Upper lateral pad Serial Number	451360905-1-45	LATERAL PAD	STEERING PAD BOLT	Serial Number	4513598769-4-318
Serial Number	4514269635-1-19			Serial Number	4513598769-4-252
Serial Number	4514095760-1-35			Serial Number	4513598769-4-233
Lower lateral pad Serial Number	4513611253-1-2			Serial Number	4513598769-4-249
Serial Number	4514095760-2-207			Serial Number	4513598769-4-60
Serial Number	4514095760-2-202			Serial Number	4513605945-3-158
CONDITION	ACCEPTABLE			CONDITION	ACCEPTABLE

Serial Number	4516295438-6-11	SEAL GLAND	ONLINE TRACEABILITY
Serial Number	4516295438-6-20		
Serial Number	4516128647-1-11		
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:			