

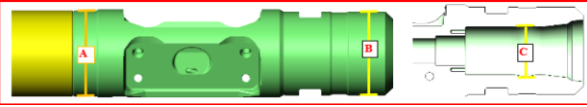
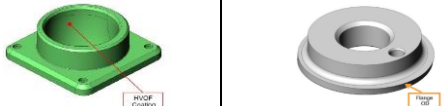
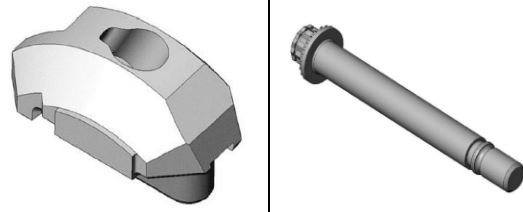
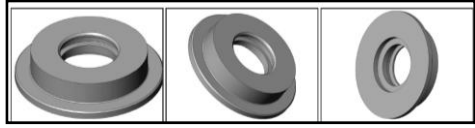
**AI TAKAMUL COMPANY FOR ENGINEERING TESTS
AND PROFESSIONAL SAFETY LIMITED**

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CERTIFICATION OF VISUAL THOROUGH EXAMINATION & DYE PENETRANT INSPECTION

Customer:	HALLIBURTON SPERRY DRILLING	Date Of Service :	Sunday, November 10, 2024			
Work Location:	Burjesia Halliburton Base Basra - IRAQ	Report No:	QC-24-HAL-SP-BJS-DPI-NDT-BULID-006			
Acceptance Criteria :	DS-1 Volume 4- 5th Edition	Work Order.:	327285883			
HAL DOCUMENTS :	D01860184 Rev J (Visual Procedure D00305796 Revision X) (LPI Procedure D00976849 Revision F)	4-3/4" STEERING HEAD :	13466375			
TYPE OF INSPECTION	VISUAL , THOROUGH EXAMINATION & DYE PENETRANT INSPECTION (DPI)					
DESCRIPTION:	4-¾" 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:	68 °F	WHITE LIGHT INTENSITY:	3625 LUX			
Test Equipment & Consumable Details						
COMPARATOR BLOCK	SR#11223 CAL.Date 14.OCT.2024 Cal Due 13.APR.2025	Digital Lux Meter	SR#2722003 CAL.Date 14.OCT.2024 Cal Due 13.APR.2025			
INFRARED THERMOMETER	SR#201704125 CAL.Date 14.OCT.2024 Cal Due 13.APR.2025	PRESSURE GAUGE WATER PRESSURE 30 PSI	SR# SSR825 Cal Due 13.APR.2025			
Red Penetrant Manufacture:	Magnaflux	Batch No: 220511	EXPIRE DATE :May,2025			
Developer Manufacture:	Magnaflux	Batch No: 220302	EXPIRE DATE :March,2025			
Serial Number	13568773	STEERING PAD	PAD HOUSING	Serial Number	13590035	
Serial Number	13637198			Serial Number	13590023	
Serial Number	13637197			Serial Number	13475696	
CONDITION	ACCEPTABLE			CONDITION	ACCEPTABLE	
Serial Number	13825521	BORE	PISTON PAD	Serial Number	4515899391-2-4	
Serial Number	13825523			Serial Number	4515899391-2-6	
Serial Number	13825547			Serial Number	4515579117-1-120	
CONDITION	ACCEPTABLE			CONDITION	ACCEPTABLE	
Upper lateral pad Serial Number	4514410758-5-72	LATERAL PAD	STEERING PAD BOLT	Serial Number	13471303	
Serial Number	4514410758-4-124			Serial Number	13498130	
Serial Number	4514410758-4-34			Serial Number	13497440	
Lower lateral pad Serial Number	4514410758-5-74			Serial Number	13471282	
Serial Number	4514430331-2-32			Serial Number	13614684	
Serial Number	4514410758-5-44			Serial Number	13629540	
CONDITION	ACCEPTABLE			CONDITION	ACCEPTABLE	
Serial Number	4515583224-3-24	SEAL GLAND	ONLINE TRACEABILITY			
Serial Number	4515517346-9-33					
Serial Number	4515583224-3-49					
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 III	Senior Inspector:	Naveed Hussain	Supervisor:	Hani Ali	Customer Name Signature:
Signature:						

Original - Client Files

Copy - Area Office

QC/FN/DPI/NDT/022

Rev.00

Dated: 07 Nov 2021