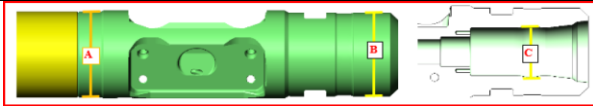
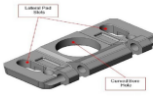
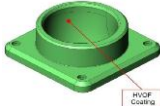
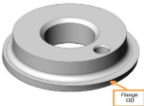
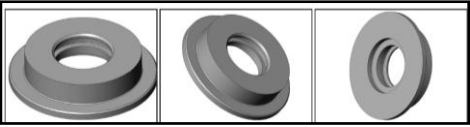


CERTIFICATION OF VISUAL THOROUGH EXAMINATION & DYE PENETRANT INSPECTION

Customer:	HALLIBURTON SPERRY DRILLING	Date Of Service :	Monday, 11 November, 2024			
Work Location:	Burjesia Halliburton Base Basra - IRAQ	Report No:	QC-25-HAL-SP-BJS-DPI-NDT-BULID-008			
Acceptance Criteria :	DS-1 Volume 4- 5th Edition	Work Order.:	327654370			
HAL DOCUMENTS :	D01860184 Rev L (Visual Procedure D00305796 Revision Y) (LPI Procedure D00976849 Revision F)	4-3/4" STEERING HEAD :	13466378			
TYPE OF INSPECTION	VISUAL , THOROUGH EXAMINATION & DYE PENETRANT INSPECTION (DPI)					
DESCRIPTION:	4-3/4" 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 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	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	13677643	STEERING PAD	PAD HOUSING	Serial Number	13532296	
Serial Number	13715872			Serial Number	13532280	
Serial Number	13715298			Serial Number	13590016	
CONDITION	ACCEPTABLE			CONDITION	ACCEPTABLE	
Serial Number	13825541	BORE	PISTON PAD	Serial Number	4515579117-1-81	
Serial Number	13825524			Serial Number	4515579117-1-90	
Serial Number	13893829			Serial Number	4516266261-2-1	
CONDITION	ACCEPTABLE			CONDITION	ACCEPTABLE	
Upper lateral pad Serial Number	4514410758-5-2	LATERAL PAD	STEERING PAD BOLT	Serial Number	13558003	
Serial Number	4515637685-2-15			Serial Number	13558007	
Serial Number	4515637677-3-41			Serial Number	13597690	
Lower lateral pad Serial Number	4514430351-2-23			Serial Number	13597691	
Serial Number	4515856977-2-3			Serial Number	13614702	
Serial Number	4513927374-1-7			Serial Number	13705218	
CONDITION	ACCEPTABLE			CONDITION	ACCEPTABLE	
Serial Number	4515583224-3-8	SEAL GLAND		ONLINE TRACEABILITY		
Serial Number	4515583224-3-35					
Serial Number	4515583224-3-60					
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 3	Senior Inspector:	Naveed Hussain	Supervisor:	Hani Ali	Customer Name Signature:
Signature:						

**AI TAKAMUL COMPANY FOR ENGINEERING TESTS
AND PROFESSIONAL SAFETY LIMITED**
Basra, North Rumaila, Quality Control Yard - Iraq
Tel: +9647810009138 / +9647834964657



Original - Client Files	7	Copy - Area Office	QC/FN/DPI/NDT/022	Rev.00	Dated: 07 Nov 2021
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