

AI TAKAMUL COMPANY FOR ENGINEERING TESTS AND PROFESSIONAL SAFETY LIMITED

Basra, North Rumaila, Quality Control Yard - Iraq

Tel: +9647810009138 / +9647834964657

Email: OP@qualitycontrol-iraq.com / hany.akafi@qualitycontrol-iraq.com



CERTIFICATE OF INSPECTION AFTER REPAIR FOR 5" DRILL PIPE

Client Name:	HONGHUA OIL&GAS ENGINEERING SERVICES.	Report No.:	QC-2023-11-HH-29-005
Acceptance Criteria:	<input checked="" type="checkbox"/> API SPEC 7-2	Date Of Inspection:	05.NOV.2023
Work Location:	ABERDEEN WORKSHOP	Rig Name	HH-29
Test Equipment & Consumable Details			
WHITE CONTRAST WCP-2	Batch #: 220602 Manufacture: Magnaflux Exp Date: JUN,2025	TECHNICAL DETAILS	Wet Visible Continuous
BLACK INK 7HF	Batch#.220605 Manufacture: Magnaflux Exp Date: JULY.2025	COIL(1200 AMP-TURNS/IN	SR# SC-22713 Cal. 17.AUG.2023 Cal Due 16.FEB.2024
FLUORESCENT 14HF	Batch #: 220306 Manufacture: Magnaflux Exp Date: March.2025	A.C HAND YOKE	SR# 201504053 Cal 17.AUG.2023 Cal Due 16.FEB.2024
INTENSITY METER	SR# R.043943 Cal.15,AUG.2023 Cal Due 14.FEB.2024	UV BLACK LIGHT	SR# 1900084 Cal. 17.AUG.2023 Cal Due 16.FEB.2024
LEAD GAGE	SR# AH07KF0027 GAEMAKER LG-5003 CAL.Date. 15.AUG.2023 CAL Due Date 14.FEB.2024	THREAD PROFILE GAGE	SR# 21336 CAL.Date.15.AUG. 2023 CAL Due Date.14. AUG. 2024 SR# 21335 CAL.Date.17.AUG.2023 CAL Due Date.16.AUG.2024
Magnetic Partical Concentration 7 HF	1.2 TO 2.4 ML/100 ML	WMPT Light Intensity	3520 Lux
Magnetic particle concentration flourcent 14 HF	0.1 TO 0.4 ML/100 ML	UV LIGHT INTENSITY:	2950 μw/cm ²
METHODOLOGY:	• Through Visual inspection • Dimensional • MPI inspection with Ultraviolet light *Lead Gaiging, Taper Gauging & Thread Profile Gauging.		
Connection:	NC-50 (4 ½ IF)	Size:	5"

Serial No.	Result of Inspection								EMI	Dimensional Inspection(in)										Pin Tong (in)	Box Tong (in)
	Pin	Box	Tube	Coating %	OD Wear	H.B	Remain ing WT	Pin		Pin					Box						
										OD (in)	ID (in)	Pin (in)	Bevel (in)	Pin neck (in)	Seal (in)	OD (in)	CB (in)	CB (in)	Should er (in)		
184P423	Acc	--	--	--	--	--	--	--	6 ½"	3"	4 ½"	6 1/8	7 16"	13/32"	--	--	--	--	--	8"	--
62821	Acc	--	--	--	--	--	--	--	6 ½"	2 ¾"	4 ½"	6 1/8	3/8"	13/32"	--	--	--	--	--	8 1/8"	--
87P423	Acc	--	--	--	--	--	--	--	6 ½"	2 ¾"	4 ½"	6 1/8	3/8"	13/32"	--	--	--	--	--	8 3/16"	--
HH-03	Acc	--	--	--	--	--	--	--	6 ½"	2 ¾"	4 ½"	6 1/8	3/8"	13/32"	--	--	--	--	--	8 3/16"	--
62825	Acc	--	--	--	--	--	--	--	6 ½"	2 ¾"	4 ½"	6 1/8	3/8"	13/32"	--	--	--	--	--	7 15/16"	--

Conclusion: ■ *05 Joint Was Found Acceptable From PIN Side After Repair At time of Inspection ready to use.

Abbreviations :

OD Outside Diameter	ID Inside Diameter	SRG Stress Relief Groove	CB Counter Bore	BB Bore Back	FB Float Bore
Ø Diameter	Ø Length	Ø Width	Ø Depth	NP. Not Present	NA. Not Applicable
EGR Elevator Groove Recess	SGR Slip Groove Recess	CR Crack	B Bent	PC Premium Class	RF Reface
GT Galled Thread	TP Thread Pitting	SP Seal Pitting	TD Thread Damage	SD Seal Damage	M Mashed
1 100 % Coating	2 99-71 % Coating	3 70-40 % Coating	4 Up to 40 %	5 Nil	WT Wall Thickness
Colors Code:					
White	No Defects	Red	Crack or Extreme Damage.	Blue	Damage
				Green	Seal Damage
				Yellow	ACFM

Inspector Name:	M.FAHAD		Review By	
Qualification:	Senior Inspector:	M.FAHAD	Supervisor:	WAQAS AWAN
Signature:				
Original - Client File:		Area Office QC/FN/AF,REP/026 Rev.00 Dated 07 NOV 2021		

