

AI TAKAMUL COMPANY FOR ENGINEERING TESTS AND PROFESSIONAL SAFETY LIMITED

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CERTIFICATE OF INSPECTION AFTER REPAIR FOR 5 1/2" DRILL PIPE

Client Name:	Hilong Oil Services & Engineering	Report No.:	HL22-QC-25-05-NA.009
Acceptance Creater:	<input checked="" type="checkbox"/> API SPEC 7-2	Date of Inspection:	12.MAY.2025
Work Location:	ABERDEEN WORKSHOP	Rig No.:	HL-22
Test Equipment & Consumable Details			
WHITE CONTRAST WCP-2	Batch #: 230408 Manufacture: Magnaflux Exp Date: APRIL,2026	TECHNICAL DETAILS	Wet Visible Continuous
BLACK INK 7HF	Batch#.230604 Manufacture: Magnaflux Exp Date: JUNE.2026	COIL(1200 AMP-TURNS/IN	22713 Cal. 11.MAY.2025 Cal Due 10,NOV.2025
FLUORESCENT 14HF	Batch #: 230503 Manufacture: Magnaflux Exp Date: MAY.2026	A.C HAND YOKE	PY-10 Cal. 11.MAY.2025 Cal Due 10,NOV.2025
INTENSITY METER	SR#1608000134 Cal. 11.MAY.2025 Cal Due 10,NOV.2025	UV BLACK LIGHT	SR#1895313 1 Cal. 11.MAY.2025 Cal Due 10,NOV.2025
LEAD GAGE	SR#AH07KF0026 GAEMAKER LG- Cal. 11.MAY.2025 Cal Due 10,NOV.2025	THREAD PROFILE GAGE	SR#21336 Cal. 11.MAY.2025 Cal Due 10,NOV.2025 SR#21335 Cal. 11.MAY.2025 Cal Due 10,NOV.2025
Magnetic Partical Concentration 7 HF	1.2 TO 2.4 ML/100 ML	WMPT Light Intensity	3500 Lux
Magnetic particle concentration flourcent 14 HF	0.1 TO 0.4 ML/100 ML	UV LIGHT INTENSITY:	3050 μw/cm ²
Magnetism Direction (Longitudinal)			
METHODOLOGY:	<ul style="list-style-type: none"> • Through Visual inspection • MPI inspection with Ultraviolet light • Dimensional Inspection *Lead Gaiging, & Thread Profile Gaiging. 		
Connection:	API 5 1/2" FH	Size:	5 1/2"

Serial No.	Visual Inspection			Black Light		Dimensional 3 Inspection													
	Pin	Box	Body	Pin	Box	Pin					Box					Body			
						OD (in)	ID (in)	NECK	Bevel φ (in)	pin λ (in)	OD (in)	CB φ (in)	CB δ (in)	BB φ (in)	BB δ (in)	Bevel φ (in)	Seal φ	Pin Tong λ (in)	Box Tong λ (in)
7704	Acc	--	-	Acc	--	7"	4"	1/2"	6 3/4"	5 1/2"	--	--	--	--	--	--	--	9 1/4"	--
7705	Acc	--	-	Acc	--	7"	4"	1/2"	6 3/4"	5 1/2"	--	--	--	--	--	--	--	9 1/8"	--

Conclusion: *02 Joint The Above Mentioned 5-1/2" Drill Pipe was Found Acceptable from Pin 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	
φ Diameter	λ Length	σ Width	δ 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:	NAVEED HUSSAIN	Review By			
Qualification:	ASNT Level II	Senior Inspector:	Tayyab Abbasi	Supervisor:	AHMED MOHAMMAD
Signature:					Customer Name:
					Customer Signature:

Original - Client Files Copy - Area Office QC/FN/AF,REP/026 Rev.00 Dated 07 NOV 2021

