



CERTIFICATE OF INSPECTION AFTER REPAIR FOR 6 1/4" DRILL COLLAR

Client Name:	<b>Hilong Oil Services &amp; Engineering</b>	Report No.:	HL22-QC-24-07-NA.002
Acceptance Creater:	<input checked="" type="checkbox"/> API SPEC 7-2	Date of Inspection:	11.JULY.2024
Work Location:	<b>ABERDEEN WORKSHOP</b>	Rig No.:	HL-22
<b>Test Equipment &amp; Consumeable Details</b>			
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	22713 Cal.15.FEB.2024 Cal Due14.OCT.2024
FLUORESCENT 14HF	Batch #: 220306 Manufacture: Magnaflux Exp Date: March.2025	A.C HAND YOKE	PY-10 Cal.15.FEB.2024 Cal Due14.OCT.2024
INTENSITY METER	SR#1608000134 CAL.Date .15.FEB.2024 Cal Due14.OCT.2024	UV BLACK LIGHT	SR#1946875 Cal.15.FEB.2024 Cal Due14.OCT.2024
LEAD GAGE	SR#AH07KF0027 GAEMAKER LG-5003 Cal.15.FEB.2024 Cal Due14.OCT.2024	THREAD PROFILE GAGE	SR#21336 Cal.15.FEB.2024 Cal Due14.OCT.2024 SR#21335 Cal.15.FEB.2024 Cal Due14.OCT.2024
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 <sup>2</sup>
Magnetism Direction (Longitudinal)			
METHODOLOGY:	• Through Visual inspection •MPI inspection with Ultraviolet light • Dimensional *Lead Gaiging, Taper Gauging & Thread Profile Gauging.		
Connection:	<b>4 IF</b>	Size:	<b>6 1/4"</b>

Serial No.	Visual Inspection			MPI			Dimensional 3 Inspection															
	Pin	Box	Body	Pin	Box	Body	Pin					Box					Body					
							OD (in)	ID (in)	SRG □ (in)	SRG W □ (in)	Pin □ (in)	Bevel □ (in)	OD (in)	CBD □ (in)	CBW □ (in)	BB □ (in)	BBL □ (in)	Bevel □ (in)	Pin Tong □ (in)	Box Tong □ (in)	EGR □ (in)	SGR □ (in)
161007	--	Acc.	--	--	Acc.	--	--	--	--	--	--	6 1/4"	4 29/32	5/8"	47/32	77/8"	57/8"	--	17"	-	-	-

**Conclusion:** ■ (01)The above Mentioned 6 1/4" Drill Collar were found "Acceptable" from Box Connection 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
□	Diameter	□	Length	□	Width	□	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	PT	Pitting Thread	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
<b>Colors Code:</b>		White	No Defects	Red	Crack or Extreme Damage.	Blue	Damage	Green	Seal Damage	Yellow	ACFM

Inspector Name:	[Signature]					Review By					
Qualification:	ASNT Level II					Senior Inspector:					
Signature:	[Signature]					M. SARWAR					
Original - Client File						QC/FN/AF,REP/026 Rev.00 Dated 01 AUG 2021					

