

**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](mailto:OP@qualitycontrol-iraq.com) / [hany.akafi@qualitycontrol-iraq.com](mailto:hany.akafi@qualitycontrol-iraq.com)



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

<b>Client Name:</b>	<b>KERUI</b>	<b>Report No.:</b>	QC-2024-AUG-KERUI-001
<b>Acceptance Criteria:</b>	<input checked="" type="checkbox"/> API SPEC 7-2	<b>Date Of Inspection:</b>	21.AUG.2024
<b>Work Location:</b>	<b>ABERDEEN WORKSHOP</b>	<b>Rig Name</b>	KERUI
<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.25.JUL.2024 Cal Due 24.FEB.2025
FLUORESCENT 14HF	Batch #: 220306 Manufacture: Magnaflux Exp Date: March.2025	A.C HAND YOKE	PY-10 Cal.25.JUL.2024 Cal Due 24.FEB.2025
INTENSITY METER	SR#1608000134 CAL.Date Cal. 25.JUL.2024 Cal Due 24.FEB.2025	UV BLACK LIGHT	SR#1895313 Cal.25.JUL.2024 Cal Due 24.FEB.2025
LEAD GAGE	SR#AH07KF0026 GAEMAKER LG- Cal. 25.JUL.2024 Cal Due 24.FEB.2025	THREAD PROFILE GAGE	SR#21336 Cal. Cal.25.JUL.2024 Cal Due 24.FEB.2025 SR#21335 Cal. Cal.25.JUL.2024 Cal Due 24.FEB.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 <sup>2</sup>
<b>METHODOLOGY:</b>	<ul style="list-style-type: none"> <li>Through Visual inspection</li> <li>Dimensional</li> <li>MPI inspection with Ultraviolet light</li> <li>*Lead Gaiging, Taper Gauging &amp; Thread Profile Gauging.</li> </ul>		
<b>Connection:</b>	<b>5 ½ FH</b>	<b>Size:</b>	<b>5 -1/2"</b>

Serial No.	Result of Inspection								Dimensional Inspection (in)										Pin Tong (in)	Box Tong (in)
	Pin	Box	Tube	Coating %	OD Wear	H.B	Remaining WT	EMI	Pin					Box						
									OD (in)	ID (in)	Pin (in)	Bevel (in)	Pin neck (in)	Seal (in)	OD (in)	CB (in)	CB (in)	Shoulder (in)		
2005	Acc	--	--	--	--	--	--	7 1/2"	3"	5"	6 13/16"	3/8"	14/32"	--	--	--	--	--	9 3/16"	--
024	Acc	--	--	--	--	--	--	7 1/2"	3"	5"	6 13/16"	5/16"	7/16"	--	--	--	--	--	9 1/4"	--
025	Acc	--	--	--	--	--	--	7 1/2"	3"	5"	6 13/16"	1/2"	14/32"	--	--	--	--	--	9 3/8"	--
026	Acc	--	--	--	--	--	--	7 1/2"	3"	5"	6 13/16"	5/16"	7/16"	--	--	--	--	--	9 1/4"	--
027	Acc	--	--	--	--	--	--	7 1/2"	3"	5"	6 13/16"	5/16"	7/16"	--	--	--	--	--	9 1/2"	--

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

**Abbreviations :**

<b>OD</b> Outside Diameter	<b>ID</b> Inside Diameter	<b>SRG</b> Stress Relief Groove	<b>CB</b> Counter Bore	<b>BB</b> Bore Back	<b>FB</b> Float Bore	
<b>EGR</b> Elevator Groove Recess	<b>SGR</b> Slip Groove Recess	<b>CR</b> Crack	<b>B</b> Bent	<b>PC</b> Premium Class	<b>RF</b> Reface	
<b>GT</b> Galled Thread	<b>TP</b> Thread Pitting	<b>SP</b> Seal Pitting	<b>TD</b> Thread Damage	<b>SD</b> Seal Damage	<b>M</b> Mashed	
<b>1</b> 100 % Coating	<b>2</b> 99-71 % Coating	<b>3</b> 70-40 % Coating	<b>4</b> Up to 40 %	<b>5</b> Nil	<b>WT</b> Wall Thickness	
<b>Colors Code:</b>		<b>White</b> No Defects	<b>Red</b> Crack or Extreme Damage.	<b>Blue</b> Damage	<b>Green</b> Seal Damage	<b>Yellow</b> ACFM

<b>Inspector Name:</b>	Usman Shabbir	<b>Review By</b>					
<b>Qualification:</b>	SINT L vel	<b>Senior Inspector:</b>	NAVEED HUSIAN	<b>Supervisor:</b>	RAO SOHAIL	<b>Customer Name:</b>	
<b>Signature:</b>							<b>Customer Signature:</b>

Original - Client Files

Copy - Area Office

QC/FN/AF,REP/026 Rev.00

Dated 07 NOV 2021

