



**5" HEAVY WEIGHT DRILL PIPE After Repair INSPECTION CERTIFICATE**

<b>Client Name:</b>	DAQING DRILLING CO.	<b>Report No.:</b>	QC-03-24-0047-001
<b>Acceptance Creater:</b>	<input checked="" type="checkbox"/> API SPEC 7-2	<b>Date of Inspection:</b>	15.MAR.2024
<b>Work Location:</b>	ABERDEEN WORK SHOP BASRA IRAQ	<b>RIG NAME:</b>	DQ-12
<b>Test Equipment &amp; Consumable 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	SC 22713 Cal.14.FEB.2024 Cal Due15.AUG.2024
FLUORESCENT 14HF	Batch #: 220306 Manufacture: Magnaflux Exp Date: March.2025	A.C HAND YOKE	201504053 Cal. 14.FEB.2024 Cal Due15.AUG.2024
INTENSITY METER	SR# R.043943 Cal.14.FEB.2024 Cal Due 15.AUG.2024	UV BLACK LIGHT	SR#1900084 Cal. 14.FEB.2024 Cal Due15.AUG.2024
LEAD GAGE	SR#AH07KF0027 GAEMAKER LG-5003 CAL.Date. 14.FEB.2024 CAL Due Date 15.AUG.2024	THREAD PROFILE GAGE	SR#21336 CAL.Date. 14.FEB.2024 CAL Due Date. 15.AUG.2024 SR#21335 CAL.Date. 14.FEB.2024 CAL Due Date. 15.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 <sup>2</sup>
Magnitismus Direction (Longitudenal)			
<b>METHODOLOGY:</b>	• Through Visual inspection •MPI inspection with Ultraviolet light • Dimensional *Lead Gaiging, Taper Gauging & Thread Profile Gauging.		
<b>Connection:</b>	<b>NC 50</b>	<b>Size:</b>	<b>5"</b>

Serial No.	Visual Inspection			Black Light		Dimensional 3 Inspection																
	Pin	Box	Body	Pin	Box	Pin						Box						Body				
						OD (in)	ID (in)	SRGφ (In)	SRG ϖ (in)	Bevel φ (in)	pinλ (in)	Seal ϖ	OD (in)	CB φ (in)	CB δ (in)	BB φ (in)	BB δ (in)	Bevel φ (in)	Seal ϖ	Pin Tong λ (in)	Box Tong λ (in)	Center Pad φ (in)
2021	Acc	----	----	Acc	----	6 9/16"	3 ¼"	4 11/16"	7/8"	6 1/8"	4 7/16"	19/32"	----	----	----	----	----	----	----	13"	----	----
040000122	Acc	Acc	----	Acc	Acc	6 9/16"	3 ¼"	4 11/16"	1"	6 1/8"	4 7/16"	19/32"	6 9/16"	5 5/16"	20/32	4 5/8"	8 ½"	6 1/8"	19/32"	15"	17"	----

**Conclusion:** ■ 02 Heavy Weight Drill Pipe above was found "Acceptable" After Repair. At time of Inspection.

**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>φ</b> Diameter	<b>λ</b> Length	<b>ϖ</b> Width	<b>δ</b> Depth	<b>NP.</b> Not Present	<b>NA.</b> Not Applicable
<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>Red</b> Re-cut Conn.	<b>Yellow</b> 2 <sup>nd</sup> Class	<b>Orange</b> 3 <sup>rd</sup> Class	<b>Blue</b> Short T. Joint	<b>Green</b> Need Hard Banding

<b>Inspector</b>	SHERIF MOHAMED	<b>Review By</b>					
<b>Qualification:</b>	ASNT Level II (MT) Takamul Company	<b>Senior Inspector:</b>	MOHAMED FAHAD	<b>Supervisor:</b>	WAQAS AHAMED	<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 01 AUG 2021			