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CERTIFICATE OF INSPECTION AFTER REPAIR FOR 9 1/2" DRILL COLLAR

Client Name:	DAQING DRILLING CO.	Report No.:	QC-02-24-0031-001
Acceptance Createra.	☑API SPEC 7-2	Date of Inspection:	20.FEB.2024
Work Location:	**ABERDEEN WORK SHOP BASRA IRAQ**	RIG NAME:	DQ-37
Test Equipment & Consumeable 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	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/cm²
Magnetism Direction (Longitudinal)			
METHODOLOGY:	• Through Visual inspection • Dimensional	•MPI inspection with Ultraviolet light *Lead Gaiging, Taper Gauging & Thread Profile Gauging.	
Connection:	**7 5/8 REG**	**Size:**	**9 1/2"**

Serial No.	Visual Inspection			MPI			Dimensional 3 Inspection																	
							Pin						Box						Body					
	Pin	Box	Body	Pin	Box	Body	ID (in)	SRG ϕ (in)	SRG ϖ (in)	Pin λ (in)	Bevel ϕ(in)	OD	OD (in)	CB ϕ (in)	CB δ (in)	BB ϕ (in)	BB δ (in)	Bevel ϕ (in)	Pin Tong λ (in)	Box Tong λ (in)	EGR δ (in)	SGR δ (in)	Overall λ (In)
57948-81	Acc.	---	---	Acc.	---	---	3"	6 5/16"	¾"	5 ¼"	8 ½"	9 1/2"	---	---	---	---	---	---	27 ¼"	---	---	---	---
57948-71	---	Acc.	---	---	Acc.	---	---	---	---	---	---	---	9 1/2"	7 1/16"	5/8"	5 7/8"	9 '1/4"	8 ½"	---	16"	---	---	---
Conclusion:	■ *02 DRILL COLLARS 9 1/2" above were found "Acceptable". From Pin& Box After Repair at time of Inspection.*																							

Abbreviations :

OD	*Outside Diameter*	**ID**	*Inside Diameter*	**SRG**	*Stress Relief Groove*	**CB**	*Counter Bore*	**BB**	*Bore Back*	**FB**	*Float Bore*
ϕ	*Diameter*	**λ**	*Length*	**ϖ**	*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:	SHERIF MOHAMED	**Review By**				
Qualification:	ASNT Level II (MT,PT,VT,UT,EMI)	**Senior Inspector:**	MOHAMED FAHAD	**Supervisor:**	MOHAMED WAQAS	**Customer Name:**
Signature:						**Customer Signature:**

Original - Client Files Copy - Area Office QC/FN/FLS/03 Rev.00 Dated: 07 Nov 2021