



CERTIFICATE OF INSPECTION AFTER REPAIR FOR 6 3/4" DRILL COLLAR

Client Name:	DAQING DRILLING CO.	Report No.:	2024-0047-001
Acceptance Creater:	API SPEC 7-2	Date of Inspection:	15-03-2024
Work Location:	ABERDEEN WORK SHOP BASRA IRAQ	RIG NAME:	DQ 12
Test Equipment & Consumable 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/cm ²
Magnetism Direction (Longitudinal)			
METHODOLOGY:	• Through Visual inspection • Dimensional • MPI inspection with Ultraviolet light *Lead Gaiging, Taper Gauging & Thread Profile Gauging.		
Connection:	NC 50 (4 1/2 IF)	Size:	6 3/4"

Serial No.	Visual Inspection			MPI			Dimensional 3 Inspection																
	Pin	Box	Body	Pin	Box	Body	Pin						Box						Body				
							ID (in)	SRG ϕ (in)	SRG w (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)	Tong λ (in)	Tong λ (in)	EGR δ (in)	SGR δ (in)	Overall λ (In)
111S110	Acc.	--	--	Acc.	--	--	2 7/8"	4 11/16"	3/4"	4 7/16"	6 1/8"	6 3/4"	--	--	--	--	--	--	18"	--	--	--	--
G7	Acc.	Acc.	--	Acc.	Acc.	--	2 7/8"	4 11/16"	3/4"	4 7/16"	6 1/8"	6 3/4"	6 3/4"	5 5/16"	5/8"	4 5/8"	8 1/2"	6 3/4"	14"	20 1/2"	--	--	--
57948-11	--	Acc.	--	Acc.	--	--	--	--	--	--	--	--	6 3/4"	5 5/16"	5/8"	4 5/8"	8 1/2"	6 3/4"	--	16"	--	--	--
Conclusion:		03 6 3/4" DRILL COLLARS above were found "Acceptable". 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	w	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	SHERIF MOHAMED	Review By			
Qualification:	Level II (MT, EMI)	Senior Inspector:	M. FAHED	Supervisor:	MOHAMED WAQAS
Signature:					Customer Name:
					Customer Signature:
Original - Client File Copy - Area Office QC/FN/AF,REP/026 Rev.00 Dated 01 AUG 2021					

