



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

Client Name:	DAQING DRILLING CO.	Report No.:	QC-02-24-0031-001
Acceptance Creater:	API SPEC 7-2	Date of Inspection:	20.FEB.2024
Work Location:	ABERDEEN WORK SHOP BASRA IRAQ	RIG NAME:	DQ-37
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)	Box Tong λ (in)	EGR δ (in)	SGR δ (in)	Overall λ (In)
D555	Acc.	---	---	Acc.	---	---	2 7/8"	4 11/16"	7/8"	4 7/16"	6 1/8"	6 3/4"	---	---	---	---	---	---	19"	---	---	---	---
37-13	Acc.	---	---	Acc.	---	---	2 7/8"	4 11/16"	7/8"	4 7/16"	6 1/8"	6 3/4"	---	---	---	---	---	---	14 1/2"	---	---	---	---
4888	Acc.	---	---	Acc.	---	---	2 7/8"	4 11/16"	7/8"	4 7/16"	6 1/8"	6 3/4"	---	---	---	---	---	---	18 1/2"	---	---	---	---
37-01	Acc.	---	---	Acc.	---	---	2 7/8"	4 11/16"	7/8"	4 7/16"	6 1/8"	6 3/4"	---	---	---	---	---	---	17 1/2"	---	---	---	---
5748-33	---	Acc.	---	Acc.	---	---	---	---	---	---	---	---	6 3/4"	5 5/16"	5/8"	4 5/8"	8 1/4"	6 1/4"	---	16 1/4"	---	---	---
3444	---	Acc.	---	Acc.	---	---	---	---	---	---	---	---	6 3/4"	5 5/16"	5/8"	4 5/8"	8 1/4"	6 1/4"	---	16"	---	---	---
G1	---	Acc.	---	Acc.	---	---	---	---	---	---	---	---	6 3/4"	5 5/16"	5/8"	4 5/8"	8 1/4"	6 1/4"	---	20 1/2"	---	---	---

Conclusion: 07 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:	Model II (MTIB) (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			

