

AI TAKAMUL COMPANY FOR ENGINEERING TESTS AND PROFESSIONAL SAFETY LIMITED

Basra, North Rumaila, Quality Control Yard - Iraq
Tel: +9647810009138 / +9647834964657



8 3/8" MSTRING STABILIZER AFTER REPAIR INSPECTION CERTIFICATE#17221-07

Client Name:	DAQING DRILLING	Report No.:	QC-2024-10-DQ-1202-013
Acceptance criteria:	<input checked="" type="checkbox"/> API SPEC 7-2	Date of Inspection:	18.OCT.2024
Work Location:	ABERDEEN WORKSHOP		
RIG NAME:	DQ-12		

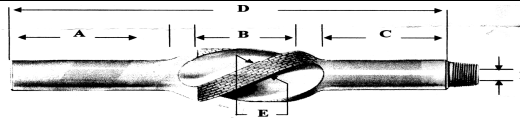
TEST EQUIPMENT & CONSUMABLE DETAILS

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	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 WMPT Light Intensity	SR#21336 Cal. Cal.25.JUL.2024 SR#21335 Cal. Cal.25.JUL.2024 Cal Due 24.FEB.2025 3520 Lux
Magnetic Partical Concentration 7 HF	1.2 TO 2.4 ML/100 ML		
Magnetic particle concentration flourcent 14 HF	0.1 TO 0.4 ML/100 ML	UV LIGHT INTENSITY:	2950 μw/cm ²
RING GAUGE	-	UV LIGHT INTENSITY:	Wet Visible Continuous

MAGNITISUM DIRECTION (LONGITUDENAL)

METHODOLOGY:	<ul style="list-style-type: none"> Through Visual inspection Dimensional Inspection MPI inspection with Ultraviolet light *Lead Gaiging, Taper Gaiging & Thread Profile Gaiging
---------------------	---

STRING STABILIZER



Serial No.	Connection		Condition			Dimensional 3 Inspection															
	Pin	Box	Pin	Box	Body	Pin					Box				Body						
						OD	ID (F)	PIN λ(In)	SRG φ	SRG λ(In)	BEVEL φ	OD	CB φ	CB λ(In)	BB φ	BB λ(In)	BEVEL φ	Fishing Neck (A)	Blade Length (B)	Down Length (C)	Overall Length(D) (in)
17221-07	-	NC50	-	Acc.	-	-	-	-	-	-	6 3/4"	5 5/16"	5/8"	4 5/8"	8 1/18"	6 5/16"	36 1/8"	-	-	-	-

Conclusion: *01 String Stabilizers Was Found "Acceptable" AFTER REPAIR BOX At The Time of Inspection Ready to Use.

Abbreviations :

OD Outside Diameter	ID Inside Diameter	SRG Stress Relief Groove	CB Counter Bore	BB Bore Back	FB Float Bore
φ Diameter	λ Length	ω 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	Review By					
Qualification:	Senior Inspector:	M.SARWAR	Supervisor:	AHMED MOHAMMED	Customer Name:	
Signature:					Customer Signature:	

Original - Client Files Copy - Area Office QC/FN/IBS/001 Rev.00 Dated: 07 Nov 2021

