

AI TAKAMUL COMPANY FOR ENGINEERING TESTS AND PROFESSIONAL SAFETY LIMITED

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214mm STRING STABILIZER AFTER REPAIR INSPECTION CERTIFICATE

Client Name:	DAQING DRILLING	Report No.:	QC-07-24-0122-005
Acceptance Criteria:	☒ API SPEC 7-2	Date Of Inspection:	28,JULY,2024
Work Location:	ABERDEEN WORKSHOP	Rig Name	DQ-38
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.15.FEB.2024 Cal Due 14.AUG.2024
FLUORESCENT 14HF	Batch #: 220306 Manufacture: Magnaflux Exp Date: March.2025	A.C HAND YOKE	201504053 Cal.15.FEB.2024 Cal Due 14.AUG.2024
INTENSITY METER	SR#1608000134 CAL.Date Cal. 15.FEB.2024 Cal Due 14.AUG.2024	UV BLACK LIGHT	SR#1900084 Cal.15.FEB.2024 Cal Due 14.AUG.2024
LEAD GAGE	SR#AH07KF0027 GAEMAKER LG-5003 Cal. 13.FEB.2024 Cal Due 12.AUG.2024	THREAD PROFILE GAGE	SR#21336 Cal. 13.FEB.2024 Cal Due 12.AUG.2024 SR#21335 Cal. 15.FEB.2024 Cal Due 14.AUG.2024
Magnetic Partical Concentration 7HF	1.2 TO 2.4 ML/100 ML	WMPT Light Intensity	3500 Lux
magnetic particle concentration flourcent 14 HF	0.1 TO 0.4 ML/100 ML	UV LIGHT INTENSITY:	3030 $\mu\text{w}/\text{cm}^2$
RING GAUGE	DES 214mm RING GAUGE SR # ITS-004) CAL. Date. 04.SEP.2023 CAL Due Date. 03.SEP.2024		
MAGNITISUM DIRECTION (LONGITUDENAL)			
METHODOLOGY:	• Through Visual inspection • Dimensional 3 • MPI inspection with Ultraviolet light		
STRING STABILIZER 214mm			

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)	Blade Width (E)
449	NC 50	NC 50	Acc.	Acc.	-	6 3/4"	2 3/4"	4 1/2"	5 23/32"	7/8"	6 5/16"	6 3/4"	5 5/16"	5/8"	4 40/64"	8 1/8"	6 5/16"	17 5/8"	--	19 3/16"	58 5/8"	-
Conclusion:		*01 String Stabilizers Was Found “Acceptable” AFTER REPAIR PIN&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	σ	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	M SARWAR	Review By					
Qualification:	ASNT Level II	Senior Inspector:	RAO SOHAIL	Supervisor:	NAVEED HUSSAIN	Customer Name:	
Signature:						Customer Signature:	
Original - Client Files		Copy - Area Office	QC/FN/IBS/001	Rev.00	Dated: 07 Nov 2021		

