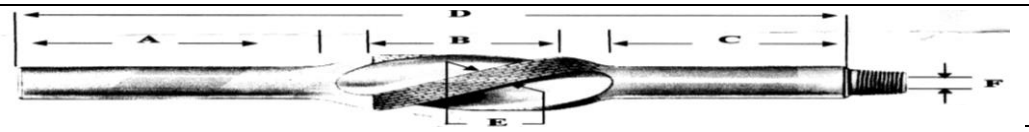
Al TAKAMUL COMPANY FOR ENGINEERING TESTS AND PROFESSIONAL SAFETY LIMITED
Basra, North Rumaila, Quality Control Yard - Iraq
Tel: +9647810009138 / +9647834964657

12 1/4" STRING STABLIZER (PXB) INSPECTION CERTIFICATE

Client Name:	DAQING DRILLING CO.	Report No.:	QC-03-24-0108-003
Acceptance Createra.	DS-1 Fifth Edition, Volume 3 CAT 3-5	Date of Inspection:	24.MAR.2024
Work Location:	RU-604 (DQ 22)	RIG NAME:	DQ-22
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 $\mu w/cm^2$
Magnetism Direction (Longitudinal)			
METHODOLOGY:	• Through Visual inspection • Dimensional 3	•MPI inspection with Ultraviolet light	
Connection:	**6 5/8 REG**	**Size:**	**12 ¼"**

DESCRIPTION :
STRING STABILIZER
12 1/4"



Serial No.	Connection		Condition			Dimensional 3 Inspection																
						Pin						Box						Body				
	Pin	Box	Pin	Box	Body	OD	ID (In)	PIN λ(In)	SRG ϕ	SRGλ(In)	BEVEL ϕ	OD	CB ϕ	CB λ(In)	BBϕ In)	BBλ(In)	BEVEL ϕ	Fishing Neck (A)	Blade Length (B)	Down Length (C)	Overall Length(D) (in)	Blade Width (E)
2021-6-33	6 5/8 REG	6 5/8 REG	ACC	ACC	ACC	8"	2 ¾"	5"	**5 3/8"**	1"	7 ½'	8"	6 1/16"	20/32"	***5 9/32"***	***8 ½"***	7 ½"	37 3/8"	20 ½"	24 ½"	86 ½"	3 ¼'

***Conclusion*:**

- **12 1/4"** String Stabilizers was Found "Accepteble" at the Time of Inspection
- NOTES: BLADE DAMAGED (NEED REPAIR)

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:		*Red*	*Rejected.*	*Yellow*	*2nd Class*	*Orange*	*3rd Class*	**Blue**	*Need Repair.*	**Green**	*Need Hard Banding*

Inspector Name:	SHERIF MOHAMED	**Review By**						
Qualification:	ASNT Level II (MT,PT,VT,UT,EMI)	**Senior Inspector:**	M.FAHAD	**Supervisor:**	MOHAMED WAQAS	**Customer Name:**		
Signature:						**Customer Signature:**		

Original - Client Files Copy - Area Office QC/FN/DJ-PB/029 Rev.00 dated 07.Nov2021